

# Department of Cardiothoracic & Vascular Surgery

## PRELUDE

The journey of the Department of Cardiothoracic & Vascular Surgery began in Safdarjung Hospital in 1984. The department grew steadily and became a tertiary teaching department in 2008. In 2018, the department shifted from OPD block to the Super Specialty Block. The Department is located on 1<sup>st</sup> & 5<sup>th</sup> floor of the Super Specialty Block. The Department is equipped with dedicated 38 bedded Cardiothoracic ICUs, 80 bedded ward & 6 operational OR. OPD services are available on all weekdays. The surgical team provides full spectrum of cardiac (adult & pediatric), thoracic and vascular services. In 2019, structural heart valve programme in the form of TAVI, TEVAR was started along with the cardiologist. In addition, endovascular procedures are also being performed in collaboration with intervention radiologists. Initially, there were 2 M.Ch CTVS seats per year recognized by MCI, which increased to 5 per year in 2020. There is robust teaching programme which includes seminars, case presentations, journal club, mortality & morbidity review & supervised surgical training. Faculty & residents are actively

involved in research publications

## Future plan:

- Robotic Cardiac Surgery
- Heart failure programme/ Cardiac Transplant
- Wet lab & simulation training
- Hybrid Operation Theatre

## Patients seen in the OPDs/Tests done

- New Patients 2495
- Old patient 7230
- Total patient 9725

**In-patient admission 401**

## FACULTY

- **Dr. Anubhav Gupta**, Professor & Head
- **Dr. Manju Gupta**, Assistant Professor
- **Dr. Madhur Kumar**, Assistant Professor
- **Dr. Ajit Kumar Padhy**, Assistant Professor
- **Dr. Khushwant Popli**, Assistant Professor
- **Dr. Subrata Pramanik**, Assistant Professor
- **Dr. Pallavi Purwar**, Assistant Professor
- **Dr. Mayank Yadav**, Assistant Professor

#### **NEW ADDITION TO THE FACULTY**

- **Dr. Subrata Pramanik**, Assistant Professor
- **Dr. Pallavi Purwar**, Assistant Professor
- **Dr. Mayank Yadav**, Assistant Professor
- **Dr. Madhur Kumar**, Assistant Professor

#### **FACULTY MEMBERS WHO LEFT THE DEPARTMENT**

- **Dr. Navnita Kisku**, Assistant Professor
- **Dr. Sudesh Kumar**, Assistant Professor

#### **DISTINCTIONS ACHIEVED BY THE MEMBERS OF THE FACULTY AWARDS**

- Gupta, Anubhav awarded Virtual Heart Team Training Program on 16<sup>th</sup> & 24<sup>th</sup> 2021

#### **SEMINARS / CONFERENCES / WORKSHOPS/ CMEs ATTENDED BY THE FACULTY**

##### **Dr. Anubhav Gupta**

- Robotic Case Observation at Bangalore on 23rd December 2021. (Robotic Training)
- 3rd Annual Conference of Cardiothoracic and Vascular Surgeons Progressive welfare association, Invited as National Faculty on 30th & 31st October 2021 at Hilton Garden Inn Gomti Nagar, Lucknow, U.P.
- 5th Annual Conference of the Society of Minimally Invasive Cardiovascular and Thoracic Surgeons of India (SMICTSI), Invited as a Faculty on 25th September 2021.
- Organized by NOTTO, 1st Batch of training course on the "Organ Donation Process" for Intensivists. Topic (Donation after Brain Death Vs Cardiac death key differences at 4th Floor, Training Hall, Sriramachari Bhawan, VMMC & Safdarjung Hospital Campus, New Delhi on 9th December 2021 at 04:00 pm.
- Indian Society for Heart and Lung Transplantation, participated as Faculty in the 2nd INSHLT Virtual Annual Meeting 2021 on 26th – 28th November 2021.
- Participated as Faculty in PATIENT BLOOD MANAGEMENT 2nd Edition, 06 Online sessions (06th Nov, 13th Nov, 20th Nov, 27th Nov, 04th Dec & 11th Dec 2021. (ONLINE) 23rd December, 2021

#### **PUBLICATIONS OF FACULTY/ RESIDENTS**

- Jadhav NU, Padhy A, Kumar M, Popli K, Khan F, Gupta A. Continuous Versus Intermittent Suture Technique in Vascular Anastomosis in cases peripheral Vascular Trauma. EJBPS. 2021; 8:410-414.
- Jadhav NU, Pramanik S, Munjal R, Gupta A, Mathur A, Kesharwani P. Single Institutional experience of management of penetrating trauma chest. Int Surg J. 2021;8(10):3122
- Kumar M, Pramanik S, Gupta A. Operative Management and Outcomes of Peripheral Vascular Trauma in Pediatric and Adolescent Population. Indian J VascEndovasc Surg 2021;8: S66-8.
- Kumar M, Choudhury AR, Garg P, Gupta A, Agarwal Y. Endovascular Management and Outcomes of Aortoiliac Occlusive Disease. Indian J VascEndovasc Surg 2021;8: S31-5.
- Kumar M, Pramanik S, Gupta A. Operative Management and Outcomes of Brachial Artery Revascularization Following Delayed Presentation of Traumatic Brachial Artery Injury: Surgical Persistence Rewarded. Int Surg J. 2021;8(6):1793-96.
- Kumar M, Padhy A, Munjal R, Gupta A. Short Term Clinical and Echocardiography Outcomes of Pericardiectomy in Constrictive Pericarditis. J Cardiovasc Thorac Res, 2021;13(2):169-173.
- Munjal R, Pramanik S, Padhy AK, Jadhav N, Gupta A. Superior Mediastinal tumour excision through upper partial sternotomy and chamberlain incision. Int Surg J. 2021;8(10):3116
- Tuli IP, Gupta A, Gupta A, Bharadwaj R, Kumar M. Successful Management of a Forgotten Goitre Presenting with Superior Vena Cava Compression. World Journal of ENT & Head-Neck Surgery, 2021;02(2):51-54

#### **GUEST LECTURES DELIVERED BY THE FACULTY.**

- **Dr. Anubhav** at 3<sup>rd</sup> Annual Conference of Cardio Thoracic & vascular Surgeon's welfare Associations on 30<sup>th</sup> & 31<sup>st</sup> October 2021

#### ANY SIGNIFICANT FACILITY CREATED IN THE CURRENT YEAR

- CTVS Lab, few blood investigations for IPD patients like Bio-Chemistry & Coagulation Profile
- Seminar hall for conducting academic programme, conferences, lectures, official meetings etc.

#### NAMES OF THE STUDENTS/RESIDENTS WHO HAVE ATTAINED DISTINCTIONS

- **Dr. Madhur Kumar**, 1st Runner Up (Award Paper) at 67th Annual Conference of Indian Associations of cardiovascular Thoracic Surgeons 26th -28th Feb. 2021.



Dr Khushwant Popli, Dr. Subrata Pramanik, Dr. Ajit Kumar Padhy, Dr. Anubhav Gupta, Dr Manju Gupta, Dr. Mayank Yadav, Dr. Madhur Kumar, Dr. Pallavi Purwar

# Central Institute of Orthopaedics

## PRELUDE

The Central Institute of Orthopedics has, since its inception carved a niche in the discipline by providing yeomans service to patients requiring tertiary care treatment in Orthopedics. The Department has produced a number competent orthopedicians and nurtured the academic spirit of its students, residents and faculty alike. With a footfall of hundreds of patients per day, the Department performs surgeries including Joint Replacement and Arthroscopy and has been awarded has awarded the NABH entry level certification for Orthopaedics.

### Patientsseenin the OPDs/Testsdone

- NewPatient–36410
- Oldpatient–50912
- TotalPatient=87322

### In-patientadmission/Testsdone

- Ward27-921
- Ward28-742
- Ward29-726
- Ward29-A-130
- Total= 2519

### Total number of surgeries performed

Total Surgeries donein Emergency:28901

- Major operative Cases done inEmergency;2040
- Close Reduction & Plaster applications in Emergency:16842
- Total Intra articular injections given in Emergency:1105

### Major Planned Surgeries in main OT:603

- MinorSurgery–678
- Arthroscopy–44

## FACULTY

- **Dr. Varun Agarwal**, Medical Officer
- **Dr. Naval Bhatia**, Consultant & Assoc. Prof.
- **Dr. R.K. Beniwal**, Consultant & Professor
- **Dr. Tankes hwar Boruah**, Professor
- **Dr. R.K Chopra**, Director – Professor
- **Dr. Vikas Gupta**, Consultant & Professor
- **Dr. Ashish Jaiman**, Professor
- **Dr. Divesh Jalan**, Assistant Professor
- **Dr. Loveneesh G Krishna**, Director – CIO

- **Dr. Shallendra Khare**, CMO (HAG Officer)
- **Dr. Narendra Kumar**, Director - Professor
- **Dr. Vivek Kumar**, Assistant Professor
- **Dr. Keshav Kumar**, Assistant Professor
- **Dr. Jatin Prakash**, Associate Professor
- **Dr. Arun Kumar Pandey**, Assistant Professor
- **Dr. Mohit Kr. Patralekh**, C.M.O.
- **Dr. Ashish Rustagi**, Associate Professor
- **Dr. B.P. Sharma**, Consultant & Professor
- **Dr. Deepak Kr. Sharma**, Professor
- **Dr. Atul Sareen**, Associate Professor
- **Dr. Sandeep Shaina**, Associate Professor
- **Dr. Ravi Sreenivasan**, Associate Professor
- **Dr. Jujhar Singh**, SMO
- **Dr. Jatin Talwar**, Professor
- **Dr. Vikas**, Associate Professor

#### **ASSIGNMENT IN ACADEMIC ASSOCIATIONS:**

- Dr. Tankeshwar Boruah as Section Editor (JCOT) in 2021
- Dr. Jatin Prakash as Associate Editor (JCOT) in 2021
- Dr. Jatin Talwar as Associate Editor (JCOT) in 2021

#### **SEMINARS / CONFERENCES / WORKSHOPS / CMEs HELD IN THE DEPARTMENT.**

Orthopaedics Trauma Association – Best of Orthopaedic techniques international live held in April, 2021

#### **SEMINARS / CONFERENCES / WORKSHOPS / CMEs ATTENDED BY THE FACULTY**

- Dr. Beniwal R.K. Attended Annual conference of Delhi Orthopaedic Association (DOACON) – LHMC. 27-Nov, 2021 – 28-Nov, 2021
- Dr. Jalan Divesh. Attended Annual conference of Delhi Orthopaedic Association (DOACON) – LHMC. 27-Nov, 2021 – 28-Nov, 2021
- Dr. Khare Shallendra . Attended Annual conference of Indian Orthopaedic association - GOA. Dec-21
- Dr. Singh Jujhar . Attended Annual conference of Indian Orthopaedic association - GOA. Dec-21
- Dr. Talwar Jatin. Attended Annual conference of Delhi Orthopaedic Association (DOACON) – LHMC. 27-Nov, 2021 – 28-Nov, 2021

#### **RESEARCH: THESIS (ONGOING)**

- Dr Prashant Sharma. Evaluation of functional outcome of Percutaneous Herbert screw fixation in treatment of Jones Fracture. 2020-2022. (Guide-Dr Loveneesh G Krishna )
- Dr Protik Mukherjee. Clinico-radiological outcome of patellar fracture treated with fixed angle locking plates. 2020-2022. (Guide-Dr Loveneesh G Krishna)
- Dr Prashant Bajaj. Comparative study between casting and corticosteroid injection for De-Quervains Tenosynovitis. 2020-2022. (Guide-Dr R. K. Chopra)
- Dr Shiva Singh. Functional and Radiological evaluation of non-operative treatment of proximal humerus fracture. 2020-2022. (Guide-Dr R. K. Chopra)
- Dr Amit Manjunatha Hegde. Study of hamstring flexibility in patients with chronic low back pain and comparison with normal individuals. 2020-2022. (Guide-Dr R. K. Chopra)
- Dr Nilesh Verma. Determination of the incidence and outcome of intercarpal ligament lesions associated with fractures of the distal radius. 2020-2022. (Guide-Dr B. P. Sharma)
- Dr Abhishek Sengupta. Effect of age, sex and body mass index on size, shape, stage and depth of osteochondral lesions of medial femoral condyle in Indians of 5-19 years. 2020-2022. (Guide-Dr B.P.Sharma)
- Dr Gaurav Gupta. An evaluation of various factors affecting the outcome of clubfoot treatment by standard Ponseti method in a tertiary care hospital. 2020-2022. (Guide-Dr Vikas Gupta )
- Dr Sumit Kr Yadav . Evaluation of the effect of physical therapy on gait and functional scoring in patients with cerebral palsy. 2020-2022. (Guide-Dr Vikas Gupta)
- Dr Mohamed Ameen. Factors influencing the success of non operative management in lumbar disc herniation in young adults. 2020-2022. (Guide-Dr Vikas Gupta)
- Dr Shivaraj B Sajjan. Evaluation of clinical
- outcome of acute acetabular fractures treated surgically in a tertiary care hospital. 2020-2022.

(Guide-Dr R. K. Beniwal)

- Dr Prashant Singh. Evaluation of clinical outcome of acute floating knee injury managed surgically in a tertiary care hospital. 2020-2022. (Guide-Dr R. K. Beniwal)
- Dr Ayush Raj. Evaluation of causes of chronic back pain in patient presenting to Central Institute of Orthopaedics at Safdarjung Hospital. 2020-2022. (Guide-Dr Narendra Kumar)
- Dr Anish Jindal. Evaluation of intra-operative fluoroscopic skyline view of wrist as a tool to avoid dorsal cortex penetration during plating of distal radius fractures. 2020-2022. (Guide-Dr Jatin Talwar)
- Dr Pulkit Gupta. A study on morphological changes in paraspinal muscles in low back pain patients with unilateral lumbar disc herniation . 2020-2022. (Guide-Dr Tankeshwar Boruah)
- Dr Anmol Kankane. Evaluation of clinico-radiological outcome of conservative treatment in patients with partial-thickness rotator cuff tears. 2020-2022. (Guide-Dr Deepak Kumar Sharma)
- Dr Jaskaran Singh. Study of cervical spine alignment in cervical spondylosis. 2020-2022. (Guide-Dr Sandeep Shaina)

#### **RESEARCH: THESIS (COMPLETED)**

- Dr. Pushprajan. Evaluation of radiological parameters in pre and post lumbar spondylolisthesis surgeries . 2019-2021. (Guide - Dr. Ramesh Kumar)
- Dr. Deepak Kumar Saini. Comparison of pedicle screw fixation by transfascial paraspinal approach through midline skin incision and conventional open approach in traumatic dorsal and lumbar spine fractures. 2019-2021. (Guide - Dr. Ramesh Kumar)
- Dr. Khushal Gupta. Comparison of Ganga Hospital open injury severity score and mess score for prognostication in prediction of future amputation . 2019-2021. (Guide - Dr. L.G. Krishna)
- Dr. Bhupender Khatri. Role of CT guided bone marrow injection in postoperative cases of fracture fixation with non- union in long bones. 2019-2021. (Guide - Dr. L.G. Krishna)
- Dr. Nitin Kumar. Evaluation of medical open wedge high Tibial osteotomy in osteoarthritis of knee. 2019-2021. (Guide - Dr. R.K. Chopra)
- Dr. Sajal Maingi. Evaluation of combined use of precontoured locking distal clavicle plate and tunnelled suspensory device fixation for unstable lateral and clavicle fracture . 2019-2021. (Guide - Dr. R.K. Chopra)
- Dr. Manish Attri. Prediction of intraoperative hamstring size and ACL, tibial insertion size using magnetic resonance imaging in patients undergoing ACL reconstruction surgery . 2019-2021. (Guide - Dr. B.P. Sharma)
- Dr. Tejaswi B.G.. Comparative study between single row and double row arthroscopic repair of rotator cuff tear . 2019-2021. (Guide - Dr. B.P. Sharma)
- Dr. Harshith Patel C.. Study of comparison of oral and injectable Vitamin D therapy in nutritional rickets . 2019-2021. (Guide - Dr. Vikas Gupta)
- Dr. Amit Kumar Jha. Study the role of teriparatide in post operative delayed union and non union of long bone fractures . 2019-2021. (Guide - Dr. R.K. Beniwal)
- Dr. Purusharth Yagnik. Comparison of vertical oblique and posteromedial methods of harvesting hamstring graft in anterior cruciate ligament reconstruction surgery . 2019-2021. (Guide - Dr. Davinder Singh)
- Dr. Syed Sahil Ali. Assessment of Variatin in non specific inflammatory markers and body temperature after hip and knee arthroplasties and their correlation with associated post operative infection . 2019-2021. (Guide - Dr. Narendra Kumar)
- Dr. Deepanshu Mittal. Evaluation of spine hip relations and its correlation as guide to total hip arthroplasty . 2019-2021. (Guide - Dr. Jatin Talwar)
- Dr. Gnanaprakash G. Study of efficacy and safety of percutaneous pedicle screw fixation of thoracolumbar vertebral fractures. 2019-2021. (Guide - Dr. Tankeswar Boruah)

#### **FUNDED SPECIAL GRANTS/PROJECTS DURING**

## THE YEAR (ONGOING)

- Dr. Loveneesh G Krishna. To Study the effect of yoga therapy in reducing the pain, improving walking time and quality of life in the management of O A Knee – A randomized prospective control study. Funded by Ministry of Ayush.

## PUBLICATIONS OF FACULTY/RESIDENTS

### Dr. Loveneesh G Krishna

- Rustagi A, Krishna LG, Agarwal S, Talwar J, Kumar V. A study in Indian population correlating the diagnostic accuracy of clinical examination and mri in acl meniscus injuries; Paripex- Indian Journal of Research Vol.10, Issue 5, May-2021, 1-3.
- Goel N, Talwar J, Agarwal S, Krishna LG, Rustagi A. A comparative study between intralesional platelet rich plasma injection and extracorporeal shockwave therapy for the treatment of plantar fasciitis. Journal of Arthroscopy and Joint Surgery. 2021 Jul 1;8(3):246-52.
- Kumar A, Krishna LG. Interpositional elbow arthroplasty using fascia lata autograft in stiff elbow: Case series of 8 patients. Journal of Clinical Orthopaedics and Trauma. 2021 Jun 1;17:201-13.
- Singh DK, Boruah T, Sharma A, Khanna G, Krishna LG, Kumar N. Comparative analysis of CT guided vertebral biopsy by a conventional bone biopsy needle versus bone biopsy needle with acquisition cradle. Journal of Clinical Orthopaedics and Trauma. 2021 Aug 1;19:231-6.
- Rustagi A, Sen S, Prasad R, Krishna L, Talwar J. Recurrent Epithelioid Hemangioendothelioma of Calcaneum: A Case Report of a Rare Tumor. Cureus. 2021 Jun 30;13(6).
- Rustagi A, Krishna L, Agarwal S, et al. A Study in Indian Population Correlating the Diagnostic Accuracy of Clinical Examination and MRI in ACL and Meniscal Injuries; PIJR Vol: X, Issue:V, May-2021; (Index Medicus)
- Rustagi A, Krishna L, Agarwal S, et al. Correlational of Clinical, MRI and Arthroscopic Findings in Anterior Cruciate Ligament and Meniscal Injuries: A prospective Study in Indian Population. Peripaex - Indian Journal of Research

- Vol-10, Issue-05, May,2021

- Kumar V, Rustagi A, Talwar J, Yadav R, Krishna LG. Clinical and functional outcomes of reconstruction following en bloc resection for the Campanacci grade III distal ulnar giant cell tumors. Journal of Orthopaedics, Trauma and Rehabilitation. 2022 Jun; 29(1): 22104917221101407.
- Agarwal S, Krishna LG, Agarwalla A, Talwar J, Rustagi A. Lateral buttress plate along with cancellous screw fixation for Hoffa fracture using swashbuckler approach. Indian Journal of Orthopaedics. 2021 Jun;55(3):780-5.
- Gupta Khushal, Bhardwaj Rahul, Singh Mohit, Talwar Jatin, Krishna L.G. A Hospital based prospective study to assess the Outcome of the Trauma patients with tibia fractures treated with the primary fixation using rail road system. International journal of Health and clinical research, 2021;4(13):1-4
- Gupta K, Bharadwaj R, Khatri B, Krishna LG. Incidence rate and epidemiology of cervical spinal injuries and management in tertiary care hospital of Delhi: A institutional based retrospective study. Advances in Human Biology. 2021 Sep 1;11(3):262.
- Verma JS, Libertin CR, Gupta Y, Khanna G, Kumar R, Arora BS, Krishna L, Fasina FO, Hittner JB, Antoniadis A, Van Regenmortel MH. Multi-cellular immunological interactions associated with COVID-19 infections. Frontiers in immunology. 2022 Feb 24;13:794006.

### Dr. B.P. Sharma

- Mishra RK, Sharma B Prasad, Kumar A, Sherawat R. A comparative study of variable angle volar plate and bridging external fixator with K-wire augmentation in comminuted distal radius fractures. Chinese Journal of Traumatology. 2021 Sep 1;24(05):301-5.

### Dr. Vikas Gupta

- Behera P, Gupta V, Mishra N, Jain A. Challenges in establishing a new clubfoot clinic at a public hospital: an appraisal of the initial 384 cases. SN Comprehensive Clinical Medicine. 2021 Feb;3(2):632-6.

- Goyal A, Gupta V, Goyal M, Chandra R, Sharma VK. Genu valgum deformity– correction by a wedgelessimplantless femoral “V” osteotomy. *Acta OrthopædicaBelgica*. 2021 Jun 1;87:247-54.
- Gupta V, Champawat V, Behera P, Garnayak S. An Uncommon Complication of Ankle Varus During Tibial Transport in an Ilizarov Frame: A Case Report. *JBJS Case Connector*. 2021 Oct 1;11(4):e21.

#### **Dr. Narendra Kumar**

- Kumar N, Sahu BK, Sharma DK. Functional Outcome of Tibial Plate Fracture Treated by Locking Compression Plate-A Prospective Study. *Reviews in Clinical Medicine*. 2021 Oct 1;8(4).

#### **Dr. Ashish Jaiman**

- Taneja A, Jaiman A, Chopra RK. Flexible reamers for primary anatomical ACL reconstruction-a systematic review. *Journal of Arthroscopy and Joint Surgery*. 2021 Apr 1;8(2):108-15.
- Jaiman A, Tiwari L, Prakash J, Jaiman A. A practical approach to diagnose and treat rickets. *Journal of Clinical Medicine of Kazakhstan*. 2021 Jan 21;18(1):7-13.
- Tungoe BN, Chopra RK, Kumar CR, Agarwal Y, Yatish A, Jaiman A, Ashish J. Role of ultrasound and electro-diagnostic studies in the diagnosis of carpal tunnel syndrome: A comparative study. *Pediatric Traumatology, Orthopaedics and Reconstructive Surgery*. 2021 Mar 15;9(1):29-39.
- Ranjan R, Rampal S, Jaiman A, Tokgöz MA, Koong JK, Ramayah K, Rajaram R. Common musculoskeletal disorders in chronic liver disease patients. *Joint diseases and related surgery*. 2021 Dec;32(3):818.

#### **Dr. Jatin Talwar**

- Arora S, Kumar M, Khan Y, Bansal N, Gupta S, Talwar J, Kumar V, Maini L. Spontaneous subcapital femoral neck fracture complicating osteonecrosis of femoral head. *Acta OrthopædicaBelgica*. 2021 Mar 1;87:1-2021.
- Agarwal S, Krishna LG, Agarwalla A, Talwar J, Rustagi A. Lateral buttress plate along with cancellous screw fixation for Hoffa fracture using swashbuckler approach. *Indian Journal of Orthopaedics*. 2021 Jun;55(3):780-5.

- Agarwal A, Rastogi A, Talwar J, Deo NB, Rastogi P. Unilateral limb orthosis for maintenance of deformity correction following treatment of clubfoot with Ponseti technique: a systematic review. *Journal of Pediatric Orthopaedics B*. 2021 Aug 17;31(2):e195-201.
- Goel N, Talwar J, Agarwal S, Krishna LG, Rustagi A. A comparative study between intralesional platelet rich plasma injection and extracorporeal shockwave therapy for the treatment of plantar fasciitis. *Journal of Arthroscopy and Joint Surgery*. 2021 Jul 1;8(3):246-52.
- Gupta Khushal, Bhardwaj Rahul, Singh Mohit, Talwar Jatin, Krishna L.G. A Hospital based prospective study to assess the Outcome of the Trauma patients with tibia fractures treated with the primary fixation using rail road system. *International journal of Health and clinical research*, 2021;4(13):1-4

#### **Dr. Tankeshwar Boruah**

- Singh DK, Boruah T, Sharma A, Khanna G, Krishna LG, Kumar N. Comparative analysis of CT guided vertebral biopsy by a conventional bone biopsy needle versus bone biopsy needle with acquisition cradle. *Journal of Clinical Orthopaedics and Trauma*. 2021 Aug 1;19:231-6.

#### **Dr. Deepak Kumar Sharma**

- Kumar N, Sahu BK, Sharma DK. Functional Outcome of Tibial Plate Fracture Treated by Locking Compression Plate-A Prospective Study. *Reviews in Clinical Medicine*. 2021 Oct 1;8(4).

#### **Dr. Atul Sareen**

- Guha M, Lal H, Boruah T, Kumar S, Sareen A, Patralekh MK, Kumar R, Khanna G. Clinico-radio-histopathological correlation by c-arm image-guided biopsy in spinal tuberculosis. *Indian Journal of Orthopaedics*. 2021 Aug;55(4):1028-36.
- Sareen A, Prakash J. Prevalence of Hamstring Tightness in Young Orthopaedic Surgeons. *Journal of Clinical & Diagnostic Research*. 2021 Jun 1;15(6).

#### **Dr. Ashish Rustagi**

- Goel N, Talwar J, Agarwal S, Krishna LG, Rustagi A. A comparative study between



intralesional platelet rich plasma injection and extracorporeal shockwave therapy for the treatment of plantar fasciitis. *Journal of Arthroscopy and Joint Surgery*. 2021 Jul 1;8(3):246-52.

- Rustagi A, Chauhan M, Aggarwal S. Medico-legal perspective of informed consent in vulnerable. *International Journal of Medical Toxicology & Legal Medicine*. 2021;24(1and2):171-4.
- Krishna LG, Rustagi A, Kumar N, Kumar V, Singh DK. Computed tomography guided radiofrequency ablation of osteoid osteoma in technically challenging locations: tracking through the opposite cortex. *Indian J Musculoskeletal Radiol*. 2021 Jan;3(1):34-8.
- Rustagi Ashish, Krishna Loveneesh G, Agarwal Sarang, Talwar Jatin, Kumar Vivek. A study in indian population correlating the diagnostic accuracy of clinical examination and mri in ACL meniscus injuries. *Paripex - Indian journal of research*. Vol.10, issue 5, may-2021, 1-3

#### **Dr. Ravi Sreenivasan**

- Sreenivasan R, Mohite A, Garg K, Borkar SA, Kale SS. Delayed Epidural Hematoma Following Cervical Laminoplasty. *Journal of Spinal Surgery*. 2021 Oct 1;8(4):35.

#### **Dr. Divesh Jalan**

- Jha AK, Jalan D, Beniwal RK. Tubercular Osteomyelitis of Pubis with Labial Abscess: A Rare Presentation of a Common Disease. *Journal of Orthopaedic Case Reports*. 2021 Dec;11(12):22.
- Jalan D, Gupta A, Elhence A, Nalwa A, Bharti JN, Elhence P. Primary aneurysmal bone cyst of the calcaneum: A report of three cases and review of literature. *The Foot*. 2021 Jun 1;47:101795.
- Jalan D, Saini MK, Elhence P, Elhence A, Jain P. Calcaneal osteomyelitis caused by *Acremonium* sp in an immunocompetent adult—A case report. *The Foot*. 2021 Jun 1;47:101781.

#### **FULL PAPERS IN THE CONFERENCE PROCEEDINGS**

##### **Dr. Ravi Sreenivasan**

- Sreenivasan R, Mohite A, Garg K, Borkar SA, Kale SS. Delayed epidural hematoma following

cervical laminoplasty. *J Spinal Surg*2021;8:35-8

#### **Book Chapters**

##### **Faculty Name: Dr. Ravi Sreenivasan**

- Borkar SA, Sreenivasan R, Mahapatra AK. Cervical Split Cord Malformations. In: Mahapatra AK, Borkar SA et al. Eds, *Split Cord Malformations 1st ed.* Thieme Publishers, India, 2021.
- Sreenivasan R, Borkar SA. Primary Vertebral Tumors. In: Thamburaj VA, Behari S. et al. Eds, *Comprehensive Neurosurgery 1st ed.* Bohr Publishers, India, 2021.
- Aggarwal AN, Sreenivasan R. Evaluation of the locomotor system. In: Gupta P. editor, *Clinical Methods in Pediatrics 5th Ed.* New Delhi, India: CBS Publishers 2021

#### **GUEST LECTURES DELIVERED BY THE FACULTY**

- **Dr. Jatin Talwar**-Guest lecture on Anterior Reduction Techniques in fracture Acetabulum.
- **Dr. Vikas Gupta**- POF Meeting, Guest lecture on Cubitus Varus

#### **EXTERNAL ASSIGNMENTS OF SIGNIFICANCE**

- Dr. Ashish Rustagi appointed as Orthopaedics Expert on the panel of National Human Rights Commission

#### **SIGNIFICANT FACILITY CREATED IN THE CURRENT YEAR**

- OT integrated system installed in Main Ortho OT, 3rd floor

#### **DISTINCTIONS ATTAINED IN SPORTS AND EXTRA CURRICULAR ACTIVITIES**

- Dr. Jatin Talwar, Professor participated in the Inter – Ministry Table Tennis tournament on behalf of MoHFW and stood 4th in Team event (Nov, 2021)

#### **SIGNIFICANT ACHIEVEMENTS DURING THE YEAR**

The total functioning beds in CIO are 220 at present. The IPD and OPD cases load for the calendar year 2021 is IPD cases in CIO are 535 patients & OPD cases are 198509 patients. During the calendar year around 573 major surgeries / procedures were performed. CIO has also running services for patient's welfare schemes like – Geriatric OPD, Sunday General OPD, e-Sanjeevani OPD, which have been

implemented successfully.

CIO is providing Free Trauma implants for all patients attending Trauma emergency and main OPD; no other institute is providing this facility. We have also increase

in number of functional main OT from 15 to 24 tables / week. CIO has awarded the NABH entry level certification for Orthopaedics including Joint Replacement and Arthroscopy & NABL for CIO Lab.



**Sitting (L-R):** Dr. R. K. Beniwal, Dr. Vikas Gupta, Dr. Narender Kumar,  
Dr. L. G. Krishna, Dr. R. Chopra, Dr. B. P. Sharma

**Standing 1st row (L-R)** Dr. Divesh Jalan, Dr. Deepak Sharma, Dr. Jatin Talwar,  
Dr. Ashish Jaiman, Dr. Ashish Rustagi, Dr. Sandeep Shaina

**Standing 2nd row (L-R):** Dr. Vikas, Dr. Jatin Prakash, Dr. Ravi Srinivasan, Dr. Tankeshwar Boruah

# Department of Dental Surgery

## **PRELUDE**

The department provides routine clinical Dental services such as root canal treatment, extraction of teeth, prosthodontics services, restoration of teeth, periodontal treatment, etc. The department has average patient attendance of 300 daily.

## **FACULTY**

- **Dr. Bhardwaj G. M.**, Professor, and HOD- Dental Surgery
- **Dr. Jain Anurag**, Staff surgeon (NFSG) & Professor
- **Dr. Mutneja Parul, Jr.** Staff Surgeon & Asst. Professor

## **APPOINTMENT OF FACULTY TO HIGHER POSTS/ ASSIGNMENT OUT SIDE:**

### **PROMOTIONS**

- **Dr. Mutneja Parul**, Junior staff surgeon

## **SEMINARS/ CONFERENCES/ WORKSHOPS/ CMEs ATTENDED BY THE FACULTY**

- **Dr. G. M. Bhardwaj.** International Association of Oral & Maxillofacial Surgeons. Online CME on various dates.

## **SIGNIFICANT ACHIEVEMENTS DURING THE YEAR:**

- Geriatric dental services started in august 2021.



**(Left to Right):** Dr. Shivangi Maletia , Dr.Parul Mutneja, Dr. Anurag Jain, Dr. G.M Bhardwaj

# Department of General Surgery

## PRELUDE

- The department of General Surgery is catering to all types of conventional and advance laparoscopic surgical procedures planned as well as emergency including advanced trauma management. It caters to all referred and new cases from adjoining states and complicated cases referred from adjoining states for both emergency as well as planned surgeries. The department is also extending its specialized services for venous disorders, Diabetic foot clinic, Breast & Endocrine surgery clinic, and is in the process of developing Bariatric Surgical facilities and skill lab. The department also supports various research activities in the department and in various other department of the hospital. The department also runs various academic activities in form of regular CMEs, conferences and PG teaching classes. The department also boasts off very dynamic faculty members and provides a framework and support system for career development of junior faculty and paramedic staff.

## FACULTY

- **Dr. V.C. Aggarwal**, Sr. CMO, Professor & HOD
- **Dr. Jainendra Kr.Arora**, Professor
- **Dr. S.V. Arya**, Consultant & Professor
- **Dr. Rohit Bansal**, Assistant Professor
- **Dr. Vidyasagar Chaturvedi**, Assistant Professor
- **Dr. A.S. Chawla**, Consultant & Professor
- **Dr. Raj Kumar Chejara**, Consultant & Professor
- **Dr. Chintamani**, Consultant & Professor
- **Dr. I. B. Dubey**, Associate Professor
- **Dr. Dheer Singh Kalwanliya**, Assistant Professor
- **Dr. Sunil Kumar**, Professor of Excellence
- **Dr. Meghraj Kundan**, Associate Professor
- **Dr. N. S. Mandal**, Professor
- **Dr. Shivani B. Paruthy**, Consultant & Professor
- **Dr. T. Lirangla Sangtam**, Specialist Gr.II
- **Dr. Ashok Kr. Sharma**, Sr. Surgeon & Professor
- **Dr. Arun Kr. Singh**, Associate Professor
- **Dr. R.K. Soni**, Consultant & Professor

- **NEW ADDITION TO THE FACULTY**
- **Dr. Vidyasagar Chaturvedi**, Assistant Professor
- **FACULTY MEMBERS WHO LEFT THE DEPARTMENT**
- **Dr. Rishikesh Kumar**, Assistant Professor
- **Dr. Jaspreet Singh Bajwa**, Assistant Professor
- **Dr. Arun Anand**, Assistant Professor

#### **ASSIGNMENT IN ACADEMIC ASSOCIATIONS:**

##### **Dr. Chintamani**

- International surgical advisor royal college of surgeons Edinburgh, UK 2021-24
- Member – Academy of master surgeon educators' American college of surgeons, 2020-25
- Founder Chair- Breast Global

#### **DISTINCTIONS ACHIEVED BY THE MEMBERS OF THE FACULTY AWARDS**

##### **Dr. Chintamani**

- National Academic Excellence Award – Indian medical association, 05 September, 2021
- Awarded India Prestigious sarms associate surgeon of Assam chapter – 2021, 2021

##### **Dr. Ashok Kr. Sharma**

- Awarded for commendable work by Head of Institute in 2021, 2021

#### **SEMINARS / CONFERENCES / WORKSHOPS /CMEs HELD IN THE DEPARTMENT.**

- Clinical Meeting of Delhi State Chapter of ASI, August 2021

#### **SEMINARS / CONFERENCES / WORKSHOPS/ CMEs ATTENDED BY THE FACULTY**

##### **Dr. Chintamani**

- American college of Surgeons annual conference, 10 October, 2021
- ASOMACON -2021, Raipur (Asian society of Mastology), 05 November, 2021
- Breast Global annual conference, 30 October, 2021, Conference of ICGA– 2021, 2021

#### **RESEARCH: THESIS (ONGOING)**

- **Dr. G. Pawan Kumar**, Evaluation of clinical outcome of ultrasound guided percutaneous catheter drainage in patients with breast abscess. 2020-2023 (Guide -Dr. S.V.Arya)

- **Dr. Aditya Gaurang Tolat** Evaluation of wound closure related outcomes using barbed delayed absorbable (Polydioxanone) suture for abdominal wound closure after Laparotomy. 2020-2023 (Guide -Dr. S.V. Arya)
- **Dr. V. Naga Rohith** Evaluation of role of preoperative serum albumin level as a predictor of postoperative abdominal wound related complications after emergency abdominal surgery. 2020-2023 (Guide -Dr. S.V.Arya)
- **Dr. Heena Praveen** Evaluation of incisional negative pressure wound therapy in reducing superficial surgical site infections following reversal of Ostomy. 2020-2023 (Guide-Dr. A.S. Chawla)
- **Dr. Sathyananthan M** Prevention of fascial dehiscence using modified anterior component separation technique as an adjunct during primary midline closure following emergency laparotomy in generalized peritonitis. 2020-2023 (Guide-Dr. A.S. Chawla)
- **Dr. Basani Mounika** Utility of enhanced recovery after surgery (ERAS) pathway in the management of patients with lower limb necrotizing Fasciitis. 2020-2023 (Guide-Dr. A.S. Chawla)
- **Dr. Ayushman Singh Rawat** Evaluating the incidence and pattern of occult nodal metastasis in patients with head and neck Cancer. 2020-2023 (Guide-Dr. Chintamani)
- **Dr. Mainak Ghose** Comparing the accuracy of preoperative mammography and anthropometry in assessing breast volume in patients undergoing surgery for Breast carcinoma. 2020-2023(Guide-Dr. Chintamani)
- **Dr. Karan Barat** Clinico-Pathological profile and surgical outcomes in malignant emergencies. 2020-2023(Guide-Dr. Chintamani)
- **Dr. Rajshree Verma** Correlation of Severity scores (Apache II , SOFA, MPI) with the outcome in terms of mortality in patients with Tubercular perforation Peritonitis. 2020-2023 (Dr. V.C. Aggarwal)
- **Dr. Anil Kumar** Evaluation of topical 0.2% Glyceril trinitrate ointment in treatment of Anal Fissure. 2020-2023 (Dr. V.C. Aggarwal)
- **Dr. Vikas P** Assessment of response to

neoadjuvant chemotherapy in locally advanced breast carcinoma using image guided clip placement. 2020-2023

- Dr. Sushant Tanwar Evaluation of Negative Pressure wound therapy in the management of Fournier's Gangrene. 2020-2023(Guide-Dr. Shivani B Paruthy)
- Dr. Deepak Kumar Evaluation of the tumor infiltrating lymphocytes as predictors of response to Neoadjuvant Chemotherapy in patients with locally advanced Breast Carcinoma. 2020-2023 (Guide-Dr. Shivani B Paruthy)
- Dr. Soni Pal Absolute eosinophil count, C-Reactive protein and procalcitonin levels as prognostic markers in patients with perforation peritonitis. 2020-2023 (Guide-Dr. R.K. Soni)
- Dr. Ajit Sheoran Post-operative inflammatory response following endogenous radiofrequency Ablation in Varicose veins. 2020-2023 (Guide-Dr. R.K. Soni)
- Dr. Rohitash Singh Comparison of Tzanaki score and Alvarado score in diagnosis of Acute Appendicitis. 2020-2023(Guide-Dr. R.K. Soni)
- Dr. Bhrigu Prajapat Evaluation of factors predicting successful outcome in patients undergoing expectant management of uncomplicated acute Appendicitis. 2020-2023 (Guide- Dr. Raj Kumar Chejara)
- Dr. Keshav Verma Evaluation of the clinical outcome of repeated USG guided percutaneous aspirations in patients of small Breast Abscess. 2020-2023(Guide- Dr. Raj Kumar Chejara)
- Dr. Arun R.K. Bacteriological flora and its antibiotic sensitivity in Secondary Peritonitis. 2020-2023(Guide- Dr. Ashok Kr. Sharma)
- Dr. Reena Meena Evaluation of the diagnostic accuracy of alvarado, adult appendicitis score (AAS) and appendicitis inflammatory response score (AIR) in Acute Appendicitis. 2020-2023(Guide- Dr. Ashok Kr. Sharma)
- Dr. Srishti Dixit Prediction of mortality in surgical patients with sepsis using red cell distribution width and Platelet Indices. 2020-2023 (Guide- Dr. Jainendra Kr. Arora)
- Dr. Rajen Rajak Evaluation of the incidence of

surgical site infections following elective surgeries at a Tertiary care center. 2020-2023 (Guide- Dr. N.S. Mandal)

- Dr. Saakshie Kumar Evaluation of open (Hasson's) and closed (verses) Technique of Intraperitoneal access for creation of Pneumoperitoneum in Laparoscopic surgery. 2020-2023 (Guide-Dr. I.B. Dubey)

#### RESEARCH: THESIS (COMPLETED)

- Dr. V. Arun Kumar Naik A comparative study to evaluate the role of subcutaneous drains in reducing surgical site infections in emergency laparotomies. 2019-2022(Guide-Dr. S.V. Arya)
- Dr. Nipun Singla A comparative study to evaluate the effect of active versus passive release of CO2 gas on postoperative outcomes of laparoscopic cholecystectomy. 2019-2022(Guide- Dr. S.V. Arya)
- Dr. Mayank Verma A prospective study of laparoscopic versus open repair of paraumbilical hernia. 2019-2022(Guide- Dr. S.V. Arya)
- Dr. Damalapati Venkatesh Study of component separation technique as a method of early fascial closure in open abdomen following emergency laparotomy. 2019-2022(Guide- Dr. A.S. Chawla)
- Dr. Srishti Comparison of conventional repair VS modified Rive'sStoppa technique (using self-fixating mesh and sealant) in incisional hernioplasty. 2019-2022 (Guide- Dr. A.S. Chawla)
- Dr. Rohan Goel Study of SABP score and serial intra-abdominal pressure (IAP) measurement as early predictors of severity in acute pancreatitis. 2019-2022(Guide- Dr. A.S. Chawla)
- Dr. Aswin P (Evaluation dual dye (methylene blue and fluorescein) technique for axillary reverse mapping and sentinel lymph node biopsy to assess axilla in patients with breast cancer 2019-2022 (Guide- Dr. Chintamani)
- **Dr. Garima Tayagi** Assessing the aesthetic outcome and quality of life following oncoplastic using local perforator flaps in patients with breast cancer. 2019-2022 (Guide- Dr. Chintamani)
- **Dr. RajguruSiwach.** The use of apache II and C-reactive protein/ albumin ratio to predict morbidity and mortality in patients undergoing emergency

exploratory laparotomy. 2019-2022 (Guide- Dr. Chintamani)

- **Dr. Pradeep M S** Correlation of plasma D-Dimer levels in breast cancer patients with its clinicopathological stage and hormone receptor status. 2019-2022 (Guide- Dr. V.C. Aggarwal)
- **Dr. Himanshu Lohia.** Comparative study between early and delayed stoma closure in patients with temporary defunctioning ileostomy following perforation peritonitis. 2019-2022 (Guide- Dr. V.C. Aggarwal)
- **Dr Sourish Mukherjee** Evaluation of clinical, laboratory and operative parameters in predicting surgical outcome in perforated peptic ulcer patients 2019-2022 (Guide- Dr. Shivani B Paruthy)
- **Dr. Era Yadav** Comparative evaluation of pain in Lichtenstein inguinal hernia repair versus totally extra peritoneal laparoscopic inguinal hernia repair. 2019-2022(Guide- Dr. Shivani B Paruthy)
- **Dr. Tulsi Appat B** Evaluation of histopathological findings in great saphenous vein after using monopolar cautery. 2019-2022 (Guide- Dr. Shivani B Paruthy)
- **Dr. Vinaysheel Priyadrashi.**Evaluating the values of serological biomarkers in bowel obstruction as predictors of strangulation. 2019-2022(Guide- Dr. R.K. Soni)
- **Dr. Tanneru Raga Sai Prudhvi Raju** Comparative study of superoxidised solution and normal saline peritoneal lavage in preventing surgical site infection following emergency exploratory laparotomy in peritonitis cases. 2019-2022(Guide- Dr. R.K. Soni)
- **Dr. Anant Singh** To study the efficacy of trauma and injury severity score (triss) to predict survival in patients of polytrauma. 2019-2022(Guide- Dr. Raj Kumar Chejara)
- **Dr. Ashish Giri** Study of testicular vascularity after totally extraperitoneal repair (tep) in inguinal hernia. 2019-2022 (Guide- Dr. Ashok Kr. Sharma)
- **Dr. Sabhari Haran Sivakumar** Short term results of laparoscopic total extraperitoneal repair for inguinal hernia using lightweight mesh. 2019-2022(Guide- Dr. Jainendra Kr. Arora)

- **Dr. Kayyuri K. Ramteja** Comparative evaluation of surgical outcome in single layered versus double layered anastomosis of small bowel. 2019-2022(Guide-Dr. I.B. Dubey)

#### PUBLICATIONS OF FACULTY/ RESIDENTS

- Monish Raj, S.V. Arya, Rohit Choudhary, Vignesh Mani. Management of Breast Abscess by Open Drainage with primary closure versus standard incision and drainage- A Randomised clinical Trial. *J Clin Diagnostic Res.* 2021;15(5):PC05-PC08.
- Vignesh Mani, S.V. Arya, Ankit Bhatia, Rohit Chaudhary, Monish Raj. Evaluation of conservative management in uncomplicated acute appendicitis. *Int J Res Med Sci.* 2021;9(9):2618-2623.
- Avneet S. Chawla. Repair of giant inguino-scrotal hernia with loss of domain using minimally invasive anterior component separation technique combined with Lichtenstein tension-free mesh hernioplasty. *Int Surg J.* 2021;8(1):406-410.
- Chebrolu H, Muniswamappa C, Kumar N, Chintamani, Varma V. Outcomes of Management of Patients with Acute Mesenteric Ischemia: A Prospective Study. *Niger J Surg.* 2021;27(1):16-21.
- Chintamani. Intra-operative specimen ultrasonography: Is it a reliable tool for margin assessment doing breast conservative surgery for breast carcinoma. *Cureus.* 2021;21(13).
- Priyadarshi V, Chintamani. Sliding Inguinal Hernia in a Case of Fournier's Gangrene: A Rare Case. *Int J Appl Basic Med Res.* 2021;11(2):106-107.
- Anjuna Reghunath, Mahesh Kumar Mittal, Chintamani, Rajni Prasad. Novel approach in the evaluation of ultrasound BI-RADS 3& 4 breast masses with a combination method of elastography & Doppler. *Indian J Med Res.* 2021;154(2):355-366.
- Shivani B. Paruthy. Parotid gland tuberculosis - presentation of 4 case variants. *Int Surg J.* 2021;8:984-987.
- Paruthy S, Paruthy SB. Nassar operative grade and ultrasonography prediction for difficult



laparoscopic cholecystectomy. *Int Surg J.* 2021;8(6):1734-1741.

- Chejara R et al. Evaluation outcome in patients of jejunal stone. *Int Surg J.* 2021; 8(3): 930-934.
- Vignesh Mani, Rajkumar Chejara, Ankit Bhatia, Rohit Chaudhary, Monish Raj. Evaluation of conservative management in uncomplicated acute appendicitis. *Int J Res Med Sci.* 2021;9(9):2618-2623.
- Anant Singh, Rajkumar Chejara, Aditya T. Study of the efficacy of trauma and injury severity score to predict survival in patients of polytrauma. *Int Surg J.* 2021;8(8):2301-2306.
- Monish Raj, Raj Kumar Chejara, Rohit Choudhary, Vignesh Mani. Management of Breast Abscess by Open Drainage with primary closure versus standard incision and drainage- A Randomised clinical Trial. *J Clin Diagnostic Res.* 2021;15(5):PC05-PC08.
- Mathur H, Sharma AK. Comparative study to evaluate ultrasonic verses monopolar electrocautery dissection of gall bladder in laparoscopic cholecystectomy. *Int Surg J.* 2021;8(7): xxx-xxx
- Arvind Kumar. Ashok Kr. Sharma. Cross-Sectional study to assess the prevalence of acute abdomen in tertiary care hospital. *Int J Pharm Clin Res.* 2021;13(4):327-333.
- Anant Singh, Ashok Kr. Sharma, Aditya T. Study of the efficacy of trauma and injury severity score to predict survival in patients of polytrauma. *Int Surg J.* 2021;8(8):2301-2306.
- Arvind Kumar, Ashok Kr. Sharma, Abhishek Kr. Singh. A comparative study between early and delayed ileostomy closure. *Eur J Mol Clin Med.* 2021;8(4):2515-8260.
- Arvind Kumar, Ashok Kr. Sharma, Abhishek Kr. Singh. A comparative study of topical sucralfate versus normal saline for dressing of diabetic ulcer. *Int J Health Clin Res.* 2021;4(19):101-103.
- Arvind Kumar, Ashok Kr. Sharma, Abhishek Kr. Singh. Comparison of the efficacy of percutaneous needle aspiration and pigtail catheter drainage for the treatment of liver abscess. *Int J Health Clin Res.* 2021;4(20):111-

115.

- Arvind Kumar, Ashok Kr. Sharma. Randomized controlled trial comparing laparoscopic cholecystectomy with and without drains. *Int J Pharm Clin Res.* 2021;13(3):218-223.
- Kamini S, Arora JK, Jain SK. Triple diagnostic test in the evaluation of thyroid nodule. *Int Surg J.* 2021;8(4):1264-1268.
- Arora JK, Sankal M, Ghasi RG, Thakur R. Evaluation of intra-abdominal adhesion formation after laparoscopic ventral hernia repair with composite mesh using abdominal ultrasound: a prospective observational study. *Int Surg J.* 2021;8(4):1143-1147.
- Meghraj Kundan. Light weight mesh versus heavy weight mesh in open Lichtenstein hernioplasty; a prospective randomized study. *IOSR-JDMS.* 2021;20 (3):50-54.
- Kundan M, Chebrolu H, Muniswamppa C, Kumar N, Varma V. Outcomes of Management of Patients with Acute Mesenteric Ischemia: A Prospective Study. *Niger J Surg.* 2021;27(1):16-21.
- Kundan M, Priyadarshi V. Sliding Inguinal Hernia in a Case of Fournier's Gangrene: A Rare Case. *Int J Appl Basic Med Res.* 2021;11(2):106-107.
- Mathur H, Kalwaniya DS. Comparative study to evaluate ultrasonic verses monopolar electrocautery dissection of gall bladder in laparoscopic cholecystectomy. *Int Surg J.* 2021;8(7): xxx-xxx

#### **ANY SIGNIFICANT FACILITY CREATED IN THE CURRENT YEAR**

- **E-Sanjeevani OPD** – E-Sanjeevani OPD has been made functional in the department.
- **Elder Abuse Care** services provided by the department.

#### **SIGNIFICANT ACHIEVEMENTS DURING THE YEAR**

- Department of Surgery was awarded for an outstanding contribution for KAYAKALP SCHEME 2020-21.
- Monthly Meeting Rolling Trophy for the year was awarded to the department of surgery by Delhi

#### State Chapter-ASI

- The department is already involved in **NABH** accreditation of the institute.
- The department is following the guidelines of **BMW**.
- The performance of the department has improved in various parameters under the **MeraAsptaal** drive of the Ministry of Health & Family Welfare.

#### Library.

- Most of the Nonfunctional equipments made functional.
- The department has already registered cases under **Ayushman Bharat** an initiative scheme of Ministry of Health and Family Welfare, Govt. of India and actively involved and providing services to the beneficiaries under the scheme.

- New books have been added in the departmental



**Sitting (L to R):** Dr. R.K. Soni, Dr. A.S. Chawla, Dr. V.C. Aggarwal, Dr. S.V. Arya,  
Dr. Chintamani, Dr. Shivani B. Paruthy.

**Standing (L to R):** Dr. Rohit Bansal, Dr. Vidyasagar Chaturvedi, Dr. I.B. Dubey, Dr. Meghraj Kundan, Dr. Dheer Singh Kalwaniya, Dr. Ashok Kr. Sharma, Dr. N.S. Mandal, Dr. Raj Kumar Chejara, Dr. T. Lirangla Sangtam.

# Department of Neurosurgery

## **FACULTY**

- **Dr. Amit Dagar**, Associate Professor
- **Dr. Dipanker Singh Mankotia**, Associate Professor
- **Dr. Manish Rawat**, Associate Professor
- **Dr. K B Shankar**, Professor and Head
- **Dr. Vivek Yadav**, Associate Professor

## **RESEARCH: THESIS (ONGOING)**

### **Dr. Gaurav Singh Abahaya**

- Role of Whole spine screening CT scan in isolated moderate to severe Head injury, (Guide- Dr Amit Dagar), 2019-22

### **Dr. Prashant Kumar Yadav**

- Comparison of Minimally invasive technique of spine surgery with open laminectomy and discectomy in upper degenerative diseases (Guide- Dr. KB Shankar), 2019-22

### **Dr. Debarath Tadu**

- Comparison of Copenhagen neck dis-ability score with modified Japanese orthopedics association score in evolution of surgery outcome in de-generative cervicospindylomyelopathy (Guide- Dr. KB Shankar), 2019-22

## **RESEARCH: THESIS (COMPLETED)**

### **Dr. Frankie L Shadap Slangshai**

- Comparison of cranial metrics between patients treated with endoscopic 3rd ventriculostomy and those treated with Ventriculo peritoneal shunt: International Journal of Scientific Research Jan 2021;10(1): (Guide- Dr. KB Shankar), 2018-21
- Transcranial Doppler study in traumatic subarachnoid hemorrhage: International Journal of Scientific Research Spet 2021;10(9) (Guide- Dr. KB Shankar), 2018-21

#### **PUBLICATIONS OF FACULTY/RESIDENTS**

- Deep, Shankar K B, Frankie. Transcranial Doppler study in traumatic sub-arachnoid hemorrhage: international journal of scientific research sept 2021; 10 (9)
- Frankie, Shankar K B, Deep. Comparison of cranial metrics between patients treated with endoscopic 3rd ventriculostomy and those treated with Ventriculo peritoneal shunt. International journal of scientific research. 2021; 10(1):



**L to R: Dr. Manish Rawat, Dr Dipankar Singh Mankotia, Dr. KB Shankar, Dr Amit Dagar**

# Department of Obstetrics and Gynaecology

## PRELUDE

The Department of Obstetrics & Gynecology is the largest department in Safdarjung Hospital, dealing with more than 30 %of the total admissions of the hospital, and providing comprehensive medical care for safe motherhood, population stabilization and protection of women's health in all stages of their life. Besides Delhi, our department caters to all women coming from all districts of the National Capital region and also gets referred patients from the neighboring states.As in the present scenario Govt.of India is focusing on institutional deliveries, our hospital is one of the busiest hospitals in India catering a large number of high-risk obstetrics patients with number of deliveries reaching almost 27000 per year.

The Department of Obstetrics and Gynecology offers a broad range of inpatient and outpatient services for women including high risk obstetrical care, infertility services for women, routine obstetric, reproductive endocrinology, gynecological oncology, Uro-gynecology, fetal medicine and comprehensive diagnosis and treatment of routine gynecological

disorders. There are a total of 320 beds )239 obstetric beds distributed in six wards and 66 gynecology beds distributed in two wards & 15 in HDU/CCU(, two labor rooms, and two nurseries for intensive neonatal care, and emergency and elective operation theatres with facilities for major and minor obstetric and gynecological surgery.Fifteen bedded Obstetrical critical care unit is the latest addition to the department .The department is equipped with specialized staff, modern equipment and high technologies of diagnosis and care in Gynecology and Obstetrics.We are able to perform complicated and innovative surgeries and provide quality care to patients .Our hospital is also known for the quality of its training to resident doctors and health workers. State-of-the-art Daksh lab in the department imparts basic and emergency Obstetrical skills to health professionals from different parts of India.

The Department of Gynecology and Obstetrics continues to maintain the momentum that it developed since its inception .The faculty dedicate themselves to

offering the full complement of basic obstetric and gynecologic care as well as providing specialized care in the various gynecologic specialties. Our experienced faculty is involved in teaching of medical and nursing students. Various training programs, CMEs and workshops are conducted by our esteemed faculty. Our mission is to provide a meaningful educational experience for students and residents in the clinical setting, emphasize quality and continuity of care to indigent and underserved women, as well as emphasize our own professional development.

#### **FACULTY**

- **Dr. Rupali D**, Professor & Consultant
- **Dr. Renu Arora**, Professor & Consultant
- **Dr. Sonam R. Topden**, Consultant
- **Dr. Anjali Dabral**, Professor, C.M.O., HAG & H.O.D
- **Dr. Sunita Yadav**, Consultant
- **Dr. Bindu Bajaj**, Professor & HAG
- **Dr. Jyotsna Suri**, Professor & Consultant
- **Dr. Saritha Shamsunder**, Professor & Consultant
- **Dr. Upma Saxena**, Professor & Consultant
- **Dr. Kumari Usha Rani**, Professor & Senior Specialist
- **Dr. Yamini Sarwal**, Chief Medical Officer
- **Dr. Harsha S. Galkwad**, Professor
- **Dr. Sujata Das**, Chief Medical Officer
- **Dr. Anita Kumar**, Senior Specialist
- **Dr. Sarita Singh**, Associate Professor & Specialist
- **Dr. Sumitra Bachani**, Professor & Senior Specialist
- **Dr. Ritu Aggarwal**, Senior Medical Officer
- **Dr. Kashika**, Associate Professor & Senior Medical Officer
- **Dr. Garima Kapoor**, Professor
- **Dr. Rekha Bharti**, Professor
- **Dr. Archana Mishra**, Professor
- **Dr. Reeta**, Professor
- **Dr. Monika Gupta**, Professor
- **Dr. Divya Pandey**, Professor
- **Dr. Sheeba Marwah**, Associate Professor
- **Dr. Kavita Agarwal**, Associate Professor
- **Dr. Seema**, Medical Officer

- **Dr. Nishi Choudhary**, Assistant Professor
- **Dr. Meenu Chaudhry**, C.M.O
- **Dr. Ankita Jain**, Assistant Professor
- **Dr. Rajesh Kumarl**, Sr. Specialist

#### **NEW ADDITION TO THE FACULTY**

- **Dr. Sumedha Gupta**, Asst. Prof. (Contractual)3

#### **FACULTY MEMBERS WHO LEFT THE DEPARTMENT**

- **Dr. Saumya Prasad**, Asst. Prof. (Contractual)
- **Dr. Sumedha Gupta**, Asst. Prof. (Contractual)

#### **APPOINTMENT OF FACULTY TO HIGHER POSTS / ASSIGNMENT OUT SIDE PROMOTIONS**

- **Dr. Sheeba Marwah**, Associate Professor
- **Dr. Kavita Agarwal**, Associate Professor

#### **DISTINCTIONS ACHIEVED BY THE MEMBERS OF THE FACULTY, AWARDS**

##### **Dr. Anjali Dabral**

- Awarded APJ Abdul Kalam Champion of Obstetrics Critical Care Course- 16<sup>th</sup> August 2021 by Delhi Gynae Forum

##### **Dr. Jyotsna Suri**

- Awarded APJ Abdul Kalam Appreciation Award conferred by Delhi Gynae Forum Appreciation Award by AOGD for contribution as Chairperson of Safe Motherhood Committee in the difficult COVID Times

##### **Dr. Upma Saxena**

- FICMCH, August 2021

##### **Dr. Sumitra Bachani**

- ASIA-GCC award for Excellence and Leadership in Health care on 4th Dec, 2021.
- Silver Medal in AOGD Annual conference slogan competition, Feb, 2021
- First Prize (Poetry) AOGD Annual conference Talent hunt, Feb 2021.

##### **Dr. Monika Gupta**

- 'Champion of FOGSI Award' for valuable contribution to FOGSI activities during pandemic times. Dec 2021
- 'Appreciation Award' for Contribution towards AOGD as Secretary given in valedictory ceremony at AOGD annual Conference, Dec 2021
- Awarded APJ Abul Kalam Azad Award "Champion

- of Obstetric Critical Care" bestowed by Delhi Gynecologists Forum with WOW India. Aug 2021
- First Prize as Secretary AOGD (FOGSI Delhi Society) in National Competition on Society Activities during World Breast Feeding Week organized by FOGSI, Aug 2021
- IESRF Best Editor Award for being associate editor in Indian Journal of Obstetrics and Gynecology Research instituted by "IESRF Research Awards 2021"
- Certificate of Appreciation from South Asian Federation of Obstetricians and Gynecologists (SAFOG) Journal for valuable contribution as Reviewer.

#### **Dr. Reeta**

- Dr. K.D Nayyar Best Oral paper award at 17th IFS National congress 2021

#### **Dr. Divya Pandey**

- Awarded Membership of National Academy of Medical Sciences (MNAMS) in December 2021.
- FOGSI (Federation of Obstetricians and Gynecologists of India)

#### **Dr. Sheeba Marwah**

- Award of excellence for the outstanding public health work done during COVID 19 pandemic by VMMC & Safdarjung Hospital/MOHFW on 15<sup>th</sup> August, 2021.
- International women's day theme award "women in leadership-achieving an equal future in COVID 19 world" by Delhi BJP wing on March 8<sup>th</sup>, 2021
- Award of excellence for the outstanding public health work done during COVID 19 pandemic by VMMC & Safdarjung Hospital/MOHFW, 15<sup>th</sup> August, 2021
- APJ Abdul Kalam Champion of Obstetrics Critical Care Course- 16<sup>th</sup> August, 2021 by Delhi Gynae Forum
- Outstanding Contribution Award by ISCCP as a part of cervical cancer task force on 21<sup>st</sup> Sep, 2021.

#### **Dr. Kavita Aggarwal**

- Certificates for my contribution to peer review from SAFOG, BJOG.
- Felicitation award by AOGD organizing Committee, 2021

- Felicitated by AOGD as Chairperson Infertility Committee AOGD, 2021
- Won essay contest on "role of social organizations and Rotary in improving maternal child health in India" Organized by Rotary Club Agra Taj City, May 2021
- Received Best Worker Award by DMA, on DMA foundation Day, Aug 2021
- Won prize in write up on occasion of World Patient Safety Day.
- Got elected as IMA-CGP Assistant Secretary from IMA- South Delhi Branch.

#### **SEMINARS / CONFERENCES / WORKSHOPS /CMEs HELD IN THE DEPARTMENT**

- 43rd Annual AOGD Conference (Hybrid event) organized with Dept of Obs& Gyn 19-21 Nov 2021 attended by 500 delegates.
- AOGD CME (Online Webinar) "An Update on Medical Termination of Pregnancy", organized with Dept Ob Gyn VMMC & SJH, Apr 2021 attended by 274 delegates.
- Group discussion (online) on "Mental & Social Wellbeing of Health care workers in COVID Era: Challenges & Solution" organized by AOGD and VMMC & SJH on May 2021 attended by 312 delegates.
- AOGD post-conference workshop (Online Webinar) on "Revisiting Basic Infertility Services" organized by AOGD Infertility subcommittee and VMMC and SJH, 22<sup>nd</sup> Nov, 2021 attended by 305 delegates.
- Critical care workshop, NARCHI organized by VMMC & Safdarjung held on 27 August 2021 attended by 120 delegates.
- Workshop organized by Dept of Obs& Gynae, VMMC & Safdarjung. Dr Anjali Dabral and Dr Jyotsna Suri were convenors and Dr Rekha and Dr Sheeba, Co-conveners
- AOGD Annual Conference Online November 2021 attended by 550 delegates.
- AOGD Secretariat was in VMMC & Safdarjung Hospital from April 2021-March 2022
- Course of Obstetric Critical Care August 2021 to present 50 in each batch, Course organized by DGF, Dept of Obs& Gynae provides all scientific

content. Dr Jyotsna Suri is co-convenor

- AOGD Pre Conference Workshop on - FOGSI - JOGI - E - PICSEP\* held on 13<sup>th</sup> November 2021 attended by 406 delegates. Workshop organized by VMMC & Sadarjung Hospital. Dr Anjali Dabral and Dr Jyotsna Suri were convenor of workshop. Dr. Sheeba was co-convenor
- 17th World Congress of IFCPC held between 1-5 July 2021 attended by 1000 delegates. First Asian Congress of the International Federation of Colposcopy and Cervical Pathology (Hybrid conference 1-5th July 2021 organised by the Dept. of Obst & Gynae SJH.
- Training on Maternal and Perinatal Death Review and response conducted for 3 days attended by 30 delegates on "Upscaling of ongoing stillbirth registry as a part of NBB, WHO-SEARO initiative".

#### **SEMINARS / CONFERENCES / WORKSHOPS/ CMEs ATTENDED BY THE FACULTY**

##### **Dr. Anjali Dabral**

- Participated in AOGD webinar on antenatal vaccinations & Labor case guide (23 Aug 2021)
- AOGD webinar on heart disease pregnancy.
- Master class on GTN-31.07.2021.
- ACOG conference Indore-chairperson in a session
- AOGD PG forum on prolapse and HDP

##### **Dr. Jyotsna Suri**

- Convenor of post congress workshop on Critical Care Obstetrics on 4th November of annual AOGD Conference organized by Department of Obs & Gynae VMMC & Safdarjung Hospital under aegis of Safe Motherhood Committee AOGD
- Chairperson of Safe motherhood committee AOGD 2019-21
- Principal Investigator of ICMR funded Project titled - "Evaluation of maternal and fetal outcomes in women diagnosed with GDM or Normoglycaemia using IADPSG criteria, among women diagnosed with Normoglycaemia by DIPSI criteria: Prospective multi-centre observational cohort study" An ICMR-TASK FORCE PROJECT.
- Co- PI of WHO Project on A multi-country

randomized clinical trial to evaluate the impact of continuous KMC initiated immediately after birth compared to KMC initiated after stabilization in newborns with birth weight 1.0 to 1.8 kg

- Conducted workshop on CPR in pregnant woman on 31st January in ACOG Lucknow
- Panelist on Surgical site infections on 31st January in ACOG Lucknow
- Panelist in Critical Care Obstetrics panel of SurakshitNariva Conference of FOGSI on 28th February at Hotel Lalit
- Member of Round Table meeting on Family Planning in SurakshitNariva Conference of FOGSI on 28th Feb in Hotel Lalit
- Delivered guest lecture on Emergency Contraception in SurakshitNariva Conference of FOGSI on 29th Feb in Hotel Lalit
- Organized AOGD monthly clinical meeting on 26th June by Safdarjung Hospital
- Panelist in Placenta Accreta Syndrome on 11th July organized by DGF SW and Safe Motherhood Committee AOGD
- Talk on Induction of labour on 16th July organized by 7 Societies of South- Erode, Calicut, Kanchipuram, Coval Madurai and Nagarcovil
- Moderated Panel on HELLP syndrome organized by Safe Motherhood Committee, NARCHI and ICOG
- Panelist in Hypertensive Disorders of Pregnancy on 28th July organized by DGFOG and Safe Motherhood Committee AOGD
- Talk on Induction of labour on 31st July organized by Har ObGyn and Safe Motherhood Committee AOGD
- Panelist on case based challenging situations in breastfeeding on 5th August organized by Safdarjung Hospital, NARCHI, AOGD Safe Motherhood Committee to commemorate world breast feeding week
- Invited as expert in Critical Care Obstetrics case discussion- Pulmonary edema, on 8th August organized by Patna Obs and Gynae Society and FOGSI.
- Clinical Expert in 'Challenges in preeclampsia' on 29th August organized by GTB Hospital in smart



learning platform for PGs along with AOGD and FOGSI

- Panelist in Sepsis in obstetrics organized by DGF and Safe Motherhood Committee AOGD on 5th September
- Moderated Panel on Early pregnancy care on 5th September organized by FOGSI
- Panelist in panel on Hepatic Disorders in Pregnancy organized by DGF south on 11th September
- Moderated Panel on heart disease in pregnancy on 26th September organized by ABVMIS and RML & NARCH Delhi
- Panelist in pre-congress workshop AOGD 28th October organized by MAMC- Medicolegal issues in obstetrics and gynaecology
- Convener of post-congress workshop on Critical Care Obstetrics on 4th November of annual AOGD Conference
- Talk on ABG in post-congress workshop on Critical Care Obstetrics on 4th November of annual AOGD Conference
- Moderator on panel on diabetic ketoacidosis and PPCM in Critical Care Obstetrics on 4th November of annual AOGD Conference
- Guest lecture on Fluid management in shock on 22 Dec organized by Delhi Gynaecology Forum
- APJ Abdul Kalam Appreciation Award conferred by Delhi Gynaecology Forum
- Appreciation Award by AOGD for contribution as Chairperson of Safe Motherhood Committee in the difficult COVID Times.

#### **Dr. Saritha Shamsunder**

- Master Trainer for MP Government Cancer Screening Program, conducted many online sessions for gynecologists, medical officers and staff nurses in MP Government in association with National Health Mission and Clinton Health Access Initiatives.
- Expert in drafting a comprehensive training package including Trainer's Manual- guide on conducting common cancers training, Trainee's Handbook – reference material for MOs and SNs, reporting collaterals, training presentation, SOPs, checklists.

#### **Dr. Upma Saxena**

- Conferred FICMCH, Fellowship in Maternal and child health

#### **Dr. Sumitra Bachani**

- Silver Medal, AOGD Annual Conference Slogan competition.
- Nov 2021 AOGD Annual Conference Talent Hunt. Nov 2021
- Asia- GCC Women Health care Leadership Award -Gynecologist & Fetal Medicine Specialist: Dec 2021

#### **Dr. Sujata Das**

- Invited Judge for Free Paper session in AOGD 43rd virtual conference.
- Working on Projects (Co PI)
- Role of digital screening and evaluate its effectiveness in Cervical Cancer Prevention
- Prevalence of Neonatal Sepsis in India (A Multicentric study)

#### **Dr. Garima Kapoor**

- Took part in the panel discussion in online webinar "IUI Workshop: Ovulation Induction and Practical tips", under DGFMS, CME held on 17th Feb 2021 from 3:00 to 5:30pm.

#### **Dr. Monika Gupta**

- 43rd Annual AOGD Conference organized with Dept of Obst & Gynaecology - Organizing Secretary
- AOGD CME "An Update on Medical Termination of Pregnancy", organized with Dept of Obst & Gynaecology - Organizing Secretary
- Group discussion on "Mental & Social Wellbeing of Health care workers in COVID Era: Challenges & Solution" organized by AOGD and VMMC & SJH. - Organizing Secretary

#### **Dr. Divya Pandey**

- Co-Convener of Webinar on Research, Systematic Review And Guideline Development For Obstetrician and Gynecologist: An Overview Under aegis of AOGD
- Organizing Joint secretary of 43RD Annual AOGD conference held on 19-21st Nov, 2021 organized by VMMC and Safdarjung Hospital, Delhi
- Coordinator for AOGD post-conference workshop on "Revisiting Basic Infertility Services" organized by AOGD Infertility subcommittee and VMMC and

SJH ON 22nov,2021

- Coordinator for AOGD pre-conference workshop on "Dealing with myomas endoscopically"-17 nov, 2021
- Invited faculty at ISOPARB Annual Conference On 13-14 Nov,2021

#### **Dr. Sheeba Marwah**

- Online Training in Online Teaching Methodology organized By VMMC in collaboration with NITTR,Chennai-July 2020
- Certificate Course NAHRD on Gender Sensitization POSH of women at workplace Feb 2021
- Passes ICMR NIE Basic Course in Biomedical research (NPTEL) March 21, 2021.
- NMC Regional Centre for medical Education Technologies-VMMC & Safdarjung Hospital-Revised Basic Course Workshop (rBCW) in Medical Education technologies 30 March -1st April 2021
- Faculty development Course for Implementing CBME curriculum in Obstetrics & Gynecology (MEU India)-27 Nov 2020 to 1st May 2021
- COVID-19 Nodal officer for department of Obstetrics & Gynecology March 2020 to April 2021
- Part of the Departmental Critical Care team looking after Obstetric ICU & HDU at VMMC & Safdarjung Hospital
- In charge of departmental statistics/annual report compilation of department /Still birth audit in the department
- Part of quality circle team of labor room of LAQSHYA at VMMC & Safdarjung Hospital and NABH team in my department.
- Member of Quarantine board of VMMC & Safdarjung Hospital
- Member of standing committee of medical board
- Nodal Officer For Safdarjung Hospital in Multi-Centric Still Birth Surveillance-The Indian Perspective-WHO SEARO Initiative since 2018
- Member of VMMC Student grievance & redressal committee
- Member of VMMC and Safdarjung Hospital Library committee
- Member- Inspection committee for COVID19 @Medical Stores
- Joint organizing secretary –IFCPC 2020one -17th world congress on cervical cancer -July 1-5, 2021 in India
- Member of Safe motherhood subcommittee of AOGD 2018-Chairperson-Menstrual Disorder Committee-SMDHM
- Course faculty for Critical Care Course in Obstetrics by DGFS and ICOG
- Award for organizing first VMMC-SJH faculty sports & cultural meet 1-6th Feb 2021.
- International women's day theme award "women in leadership-achieving an equal future in COVID 19 world" by Delhi BJP wing. March 8 2021
- WHO SEARO STILL BIRTH REGISTRY-Nodal officer at nodal centre in Delhi registry (including 7 hospitals)-WHO.
- Co PI in Developing predictive model for early detection of IUGR in newborns from polycystic aromatic hydrocarbons concentration (PAHs) in maternal blood-ICMR
- Co PI in Care of the small babies (including Kangaroo Mother Care) in the COVID-19 pandemic: A multi-country survey and qualitative analysis-WHO
- Co PI in Contribution of Pediatric, neonatal and antenatal (pregnant) suspected and confirmed COVID 19 cases to WHO global platform –WHO
- Co PI in National Registry on COVID-19 infection among pregnant women and their neonates by ICMR-WHO
- Speaker on Abortions – Her decision, her choice July 2020 organized by Student welfare society VMMC
- Expert panelist-RPL by DGFS Jan 11 2021
- Expert Panelist-Use of Probiotics and Antioxidants IN OBGYN; 3rd Feb 2021
- Expert Panelist- Drugs in pregnancy –DGFS South march 11, 2021.

#### **RESEARCH: THESIS (ONGOING)**

- Dr. Arikatla Sai Aishwarya-Effect of different positions of labour on mode of delivery, (Guide-Dr Anjali Dabral)
- Dr. Ashwani Balayan- Estimation Of Serum

25(Oh) Vitamin D3 Levels In Intrahepatic Cholestasis Of Pregnancy, (Guide-Dr Harsha S Gaikwad).

- Dr Avya Sinha- Serum magnesium in second trimester of pregnancy for prediction of pregnancy induced hypertension, (Guide-Dr Jyotsna Suri)
- Dr. Arpita Raghav-Comparison of Adequacy of Cervical Cytology Obtained Using Extended Tip Spatula Vs Standard Ayre's Spatula With Cytobrush, (Guide-Dr Sarita Singh)
- Dr. Bhuvana – Comparison of Intra Cervical Foley balloon catheter with slow release Dinoprostone vaginal pessary for induction of labor in women with post-dated pregnancy, (Guide-Dr Renu Arora)
- Dr D Gamanasri- Neutrophil To Lymphocyte Ratio in Prediction of Pre-Eclampsia with Severe Features, (Guide-Dr K Usha Rani)
- Dr. Gandhi Revathi Sai Prasanna-Comparison of Clinical and Ultrasound Fetal Weight Estimation in Predicting Actual Birth Weight, (Guide- Dr Upma Saxena)
- Dr Geyum Ete-Effectiveness of Sweeping and Stretching of Membrane at Term in Induction Of Labour, (Guide- Dr Bindu Bajaj).
- Dr Harsha Jodwal-Evaluation Of Pregnant Women with High Normal Blood Pressure for Development of Hypertensive Disorders of Pregnancy, (Guide- Dr Harsha S Gaikwad).
- Dr Isha Thareja-Fetomaternal Outcome in Pregnancy Specific Liver Diseases, (Guide- Dr K Usha Rani)
- Dr Kore Soumya Basawaraj -Correlation of Bile Acid Levels with Fetal Outcome in IHCP, (Guide-Dr Sarita Singh)
- Dr Mohit Singh-Correlation Of Second and Third Trimester Sonographic Placental Thickness Ratio with Birth Weight and Placental Histopathology, (Guide- Dr Sumitra Bachani)
- Dr. Madhavi Sarin-Comparison Of Cephalo-Caudal Versus Transverse Blunt Expansion of Uterine Incision in Women Undergoing Primary Cesarean Delivery, (Guide- Dr Rekha Bharti)
- Dr Nitu Kumari-Effect of Stage of Labour on Position of Uterine Scar and cesarean Presence of Niche In Women Undergoing Primary, (Guide-Dr. Rekha Bharti).
- Dr. Poojapreeti Goyari-Effect of Bladder Flap Formation at The Time of Primary Elective Caesarean Section on Position of Uterine Scar. (Guide- Dr Rekha Bharti).
- Dr Prashanth S Uppin-Prediction Of Preeclampsia by SFLT/PLGF Ratio Between 28 To 36 Weeks in High-Risk Pregnancy (Guide- Dr Anjali Dabral).
- Dr Priya Lal-Association Of Plasma Leptin Levels with Outcome of Induction of Labour in Pregnant Women, (Guide-Dr Monika Gupta).
- Dr Priyanka Yadav-Effect Of Body Mass Index on NTPROBNP Levels in Third Trimester of Pregnancy, (Guide- Dr Upma Saxena).
- Dr Purabi Mahato-Correlation Of Luteal Phase Estrogen and Progesterone Level with Premenstrual Syndrome in Nulliparous Females, (Guide- Dr Monika Gupta).
- Dr. Rashi Saini-Comparison Of Hadlock and Intergrowth 21st Growth Charts for Estimation Of Observed Fetal Weight By Third Trimester Ultrasound, (Guide- Dr Sumitra Bachani).
- Dr. Reena Kumari Meena-Effect of ubcutaneous Saline Irrigation on Surgical Site Infections in Primary Cesarean Section, (Guide- Dr Divya Pandey)
- Dr Sakshi Kumari-Comparison Of International Ovarian Tumor Analysis and Risk of Malignancy Index 2 As Predictor Of Malignancy In Women With Ovarian Masses, (Guide- Dr Garima Kapoor).
- Dr. Salimun Nisa-Fetomaternal Outcome in Preeclampsia/ Eclampsia Women with Posterior Reversible Encephalopathy Syndrome, (Guide-Dr Upma Saxena).
- Dr Sanjeevani Nanda-Comparison of vaginal pessary and pelvic floor muscle training for the treatment of pelvic Organ Prolapse, (Guide- Dr Renu Arora).
- Dr Sanskriti-Impact of Who Labour Care Guide on Labour Outcome in Low Risk Nulliparous Females In Spontaneous Labour. (Guide- Dr Divya Pandey).

- Dr. Shravya Rn-Maternal Serum Procalcitonin and Lactate Levels for Prediction Of Chorioamnionitis In Preterm Premature Rupture Of Membranes, (Guide- Dr Sumitra Bachani).
- Dr. Suman Kumari-Role Of Sham Feeding in Gastrointestinal Motility in Low Risk Cesarean Section, (Guide- Dr Anjali Dabral).
- Dr. Supriya Hazarika-Comparison Of Carpreg 2 And Modified Who Classification for Predicting Maternal Outcome In Pregnant Women With Heart Disease, (Guide- Dr Jyotsna Suri).
- Dr. Supriya MI-Effect Of Dietary Protein Intake on Ovarian Reserve in Infertile Women (Guide- Dr Garima Kapoor).
- Dr. Sushma Singh-Comparison Of 6 And 12 Hourly Intracervical Dinoprostone Gel Insertion For Induction Of Labor, (Guide- Dr Bindu Bajaj).

#### RESEARCH: THESIS (COMPLETED)

- Dr. Akanksha Gupta-To compare the prevalence of peripartum infectious morbidity after vaginal cleansing with 0.4% and 1% chlorhexidine prior to intracervical dinoprostone instillation. (Guide- Dr. Anjali Dabral/ Dr. Pradeep Debata (Paeds)
- Dr. Ankati Majumdar-Comparison of fetomaternal outcomes in gestational diabetes mellitus on metformin and insulin (Guide-Dr. K. Usha Rani / Dr. R.P. Saini (Med)/ Dr. Ratan Gupta (Paeds)
- Dr. Anuradha Sharma-Comparison of foley balloon catheter with intracervical dinoprostone gel for induction of labour in nulliparous women. (Guide- Dr. Jyotsna Suri)
- Dr. Astha Sharma-Prediction of complications of preeclampsia using the fullpiers high risk prediction model. (Guide- Dr. Jyotsna Suri)
- Dr. Baleja Kajal Bhimbhai-Cervical funneling for prediction of vaginal delivery in term nulliparous women undergoing induction of labor. (Guide-Dr. Rekha Bharti/Dr.Amita Malik (Radio Diag)
- Dr. Bhawna-Uroflow patterns and development of uroflow normogram in Indian women. (Guide-Dr.Renu Arora).
- Dr. Divith Khagraj C-Oxytocin alone versus dinoprostone insert followed by oxytocin for inducing labour in term prelabour rupture of membranes, (Guide- Dr. Anjali Dabral/ Dr. Pradeep Debata (Paeds)
- Dr. Hansika Anuragi-Mifepristone-misoprostol combination versus misoprostol alone for termination of pregnancy with intrauterine fetal demise, (Guide- Dr. Harsha S. Gaikwad).
- Dr. Kalpana Pandey-Feto-maternal outcome in asymptomatic pregnant women with chronic hepatitis B infection . (Guide- Dr. Upma Saxena / Dr. M. B. Thakur (Med)
- Dr. Kumari Jyoti-Effect of yoga on clinical, biochemical and doppler parameters in infertile women with polycystic ovarian syndrome. (Guide- Dr. Bindu Bajaj/Dr. S.K. Bajaj (Radio Diag)
- Dr. Lovely Singh-Biochemical and endocrinological profile of male partner with abnormal semen parameters in infertile couples. (Guide- Dr. Bindu Bajaj/ Dr. Sunil Ranga (Path)
- Dr. Mansvi Raghav-Comparison of dipsi and who criteria for diagnosis of gestational diabetes by assessment of feto-maternal outcomes. (Guide- Dr. Jyotsna Suri/ Dr. Pradeep Debata (Paed.)/ Dr. Anita Rani (Biochem)
- Dr. Monika-Neutrophil to lymphocyte and platelet to lymphocyte ratios in maternal blood as a predictor of preterm premature rupture of membrane. ( Guide- Dr. Bindu Bajaj).
- Dr. Monika Rana-Prediction of placenta accreta spectrum by prenatal ultrasound staging system in placenta previa with scarred uterus. (Guide- Dr. Upma Saxena/ Dr. Ritu Nair Misra (Radio Diag) / Dr. Poonam Khambra (Path)
- Dr. N Jaladharshini-Shock index as a predictor of maternal outcome in postpartum period (Guide- Dr. Rupali Dewan).
- Dr. Nalini H-Comparative evaluation of intravenous labetalol and oral nifedipine for control of severe hypertension in pregnancy. (Guide- Dr. Renu Arora).
- Dr. Neha Bharti-Prevalence of urogynaecological disorders in postmenopausal women with lower urinary tract symptoms. (Guide- Dr. Monika Gupta/Dr. Pawan Vasudeva (Uro)
- Dr. Priyanka Singrore Correlation of obesity indices and inflammatory biomarkers with severity of lower urinary tract symptoms in

females. (Guide- Dr. Monika Gupta/ Dr.SufianZaheer(Path)

- Dr. Puja Yadav-Procalcitonin levels in maternal serum and cord blood as marker for diagnosis of early onset neonatal sepsis. (Guide- Dr. Rupali Dewan/ Dr. Harish Chellani/Dr. Anita Rani (Biochem)
- Dr. Roohat Parveen-Comparison of APACHE II AND SAPS II scores for prediction of maternal outcome in women with pre-eclampsia with severe features. (Guide- Dr. Garima Kapoor)
- Dr. Sakshi Nischal-Third trimester obstetric ultrasound for risk stratification of fetuses with estimated foetal weight less than 40th centile. (Guide- Dr. Sumitra Bachani/ Dr. Harish Chellani (Paeds)
- Dr. Shailja Kumari Jha-Comparison of fetomaternal outcome in women with preterm premature rupture of membranes on expectant management versus delivery at 34 weeks. (Guide- Dr. Sumitra Bachani/ Dr. Harish Chellani (Paeds)/Dr.SumitaSaluja (Hemat).
- Dr. Shazia Shad-Prediction of fetal growth restriction using transcerebellar diameter and abdominal circumference ratio. (Guide-Dr. Upma Saxena / Dr. M.K. Mittal (Radio Diag) / Dr.Sugandha)
- Dr. Shipra Sandilya-Risk factors and maternal outcome in pregnancy related acute kidney injury. (Guide- Dr. K Usha Rani / Dr. Rajesh Kumar (Nephro)
- Dr. Shweta-Risk factors and perinatal outcome in moderately preterm premature rupture of membranes. (Guide- Dr. K. Usha Rani /Dr. Ratan Gupta (Paeds)
- Dr. Soni Kumari-Role of NT-PROBNP for prediction of fetomaternal outcome in pre-eclampsia with severe features. (Guide- Dr. Renu Arora, Dr. Anita Rani (Bio Chem)
- Dr. Soni Kumari-Comparision of continuation rate of postplacental intrauterine contraceptive device insertion after preterm and term delivery (Guide- Dr. Sarita Singh).
- Dr. Tanvangi-Comparative evaluation of fetomaternal outcome in gestational

thrombocytopenia with thrombocytopenia due to hypertensive disorders of pregnancy (Guide- Dr. Harsha S. Gaikwad).

- Dr. Umaira Fathima R.M-Prevalance of gestational diabetes mellitus in women with intrahepatic cholestasis of pregnancy (Guide- Dr. Garima Kapoor/ Dr. Sugandha Arya (Paeds)
- Dr. Yashi Nagar-Middle cerebral artery pulsatility index for prediction of successful induction of labor in post-dated pregnancy (Guide- Dr. Rekha Bharti/Dr.AmitaMalik(RadioDiag)
- Dr. Abhishek Dhanjal (Anesthesia)-Comparison of intrathecal bupivacaine 0.5% (h) with or without addition of magnesium sulphate in adult patients undergoing lower limb orthopaedic surgery(Guide- Dr. Rama Wason).

#### **FUNDED SPECIAL GRANTS/PROJECTS DURING THE YEAR (ONGOING)**

- Dr. Harsha S Gaikwad (Principal investigator (Co-Investigator- Dr Jyotsna Suri, Dr Rekha Bharti) Still Birth Registry- funded by WHO period of 12 months from from Jan 2021 to Dec 2021.
- Dr. Shinjini Bhatnagar-(Co-Investigator- Dr Kashika,) Inter-Institutional Programme on Maternal and Infant Science- Transitional approach to study pre-term Birth (PTB) funded by WHO THSTI Surveillance period of 5 Years from Dec 2013.
- Dr. Renu Arora- (Co-Investigator-Dr.Sheeba Marwah, Dr M K Mittal) Developing predictive model for the early detection of intrauterine growth restriction in new norms from polycyclic aromatic hydrocarbons concentration (PAHs) in maternal blood funded by ICMR for 3 years.
- Dr. Renu Arora & Dr. Anjali Dabral (Co-Investigator- Dr.SheebaMarwah,) National Registry on COVID-19 infection among pregnant women and their neonates ICMR Dec-12, 2020 for 3 Years and Six months. Total Budget Rs 500 per case uploaded all inclusive) Rs.25750.00 1st Installment on 21/12/20-Rs 162000 additional installment in Nov 2021
- Dr. Upma Saxena-(Co-Investigator-Dr. Sheeba Marwah) 'Clinical evaluation of the efficacy of

Ayush SS Granules" in exclusively breast feeding mothers with Insufficient Lactation (Stanyalpatha)- A Randomized Double blind placebo control trial' 1st Feb 2021 funded for 2 years Rs 22,52,320.

- Dr. Saritha Shamsunder-(Co-Investigator -Dr Archana Mishra, Dr Rekha Bharti) Validation of Digital Automated Image Assessment of Images Captured by Trans Vaginal Device as Primary Method for Cervical Health Screening Sponsored by Periwinkle Technologies Periwinkle Technologies(09-01-2021) for 6 Months.
- Dr. Sunita Malik-(Co-Investigator-Dr Saritha Shamsunder, Dr Archana Mishra) Standardizing data collection and cervical cancer screening protocols to improve facility preparedness and capacity building for cervical cancer elimination WHO 25<sup>th</sup> Aug, 2021

#### COMPLETED

- Dr Harsha S Gaikwad (Principal investigator) (Co-Investigator- Dr Jyotsna Suri, Dr Rekha Bharti) Still Birth Registry- funded by WHO period of 12 months from from Jan 2021 to Dec 2021.
- Dr. Shinjini Bhatnagar (Principal investigator) (Co-Investigator- Dr Kashika,) Inter-Institutional Programme on Maternal and Infant Science-Transitional approach to study pre-term Birth (PTB) funded by WHO THSTI Surveillance period of 5 Years from Dec 2013.
- Dr. Saritha Shamsunder (Principal investigator) (Co-Investigator -Dr Archana Mishra, Dr Rekha Bharti) Validation of Digital Automated Image Assessment of Images Captured by Trans Vaginal Device as Primary Method for Cervical Health Screening Sponsored by Periwinkle Technologies Periwinkle Technologies(09-01-2021) for 6 Months.
- Dr. Saritha Shamsunder (Principal investigator) (Co-Investigator- Dr Sujata Das) Usability of a new AI Technology incorporated into mobile ODT Enhanced Visual Assessment for cervical cancer screening in a tertiary hospital in Northern India Sponsored by Genworks Health. (Completed).

#### PUBLICATIONS OF FACULTY/ RESIDENTS

- Suri J (corresponding), Khanam Z. Prognosticating Fetomaternal ICU Outcomes.

Indian J Crit Care Med 2021;25(Suppl 3):S206–S222 (Invited Review).

- Dasgupta S, Bharti R, Mittal P, Suri J, Bachani S, Pandey D. Simplified Bishop's Score for Prediction of Successful Induction of Labour in Nulliparous Women. AOGD Bulletin May 2021.21(1):42-46
- Mishra A, Marwah S, Dewan R. A cross sectional study of Barriers in prevention of Anemia in pregnancy. Cureus Journal of Medical Sciences 2021; Jan
- Arora R, Marwah S, Dhama V, Dabral A, Gupta N, Arora B. COVID-19 in pregnancy: A preliminary 50-day review from India. J Family Med Prim Care 2021;10:883-92
- Marwah S, Kanwar R, Naghma S, Dabral A, Gupta N. A Clinical Study on Initial Experience of COVID-19 ARDS in Obstetric Patients at a Tertiary Care Centre in India; Case Reports in Obstetrics and Gynecology Volume 2021, Article ID 5591041, 7 pages
- Mishra A, Marwah S, Arora R, Yadav A, Anand N, Mushahary D. Comparison of Psychological Morbidity of Health Care Workers Posted in COVID and Non COVID Labour Rooms. J Obstet Gynaecol India. 2021 Apr 2:1-6.
- Ahuja N, Dabral A, Marwah S, Bharti R, Pachauri D, Suri J. Critical Level of Alanine Transaminase to Predict Foetomaternal Outcome in Intrahepatic Cholestasis of Pregnancy: A Case-control Study [Internet]. 2021 May [Cited July 26, 2021];15(5):QC01-QC05.
- Mishra A, Marwah S, Anand N, Mushahary D. Evaluation of Psychological Stress among Health care Workers Working In COVID labor room. British Journal of Pharmaceutical and Medical research.2021;6(3):3264-76
- Malik S, Marwah S, Bidhuri S, Mushahary D. Challenges in Cancer Prevention in HIV. Indian Journal of Gynecologic Oncology 19(3) September 2021;
- Marwah S, Arora R, Sivajyothi BM, Dhama V, Gupta N. SARS COV 2 positive healthcare workers in obstetrics and gynaecology- Save the saviour study. J Family Med Prim Care

2021;10:4410-7

- Pachauri D; Dabral A; Bharti R; Kumari A; Sethi A; Gupta M. Effect of Prolonged Upright Position During First Stage of Labour on Labour Outcome in Low Risk Term Nulliparous Women. IJPHRD 2021, 12, 41-47.
- Kapoor G, Bajaj B. Hypogonadotropic hypogonadism and assisted reproductive techniques: a review. Fertil Sci Res 2021;XX:0.
- Khanam Z, Mittal P, Suri J. Does the Addition of Serum PAPP-A and  $\beta$ -hCG Improve the Predictive Value of Uterine Artery Pulsatility Index for Preeclampsia at 11-14 Weeks of Gestation? A Prospective Observational Study. J ObstetGynaecol India. 2021 Jun;71(3):226-234.
- Bachani S, Sahoo SM, Nagendrappa S, et al. Anxiety and depression among women with COVID-19 infection during hildbirth—experience from a tertiary care academic center. Am J ObstetGynecol Glob Rep 2021;2:100033.
- Anand P, Yadav A, Debata P, Bachani S, Gupta N, Gera R. Clinical profile, viral load, management and outcome of neonates born to COVID 19 positive mothers: a tertiary care centre experience from India. Eur J Pediatr. 2021 Feb;180(2):547-559.
- Mishra A, Anand N, Primary ammenorhea- A diagnostic challenge\*. IJPR accepted for publication
- Divya P. Platelet-rich plasma in female infertility: A comprehensive review of current literature. Fertil Sci Res 2021;8:30-5.
- Mishra, Pragya; Mittal, Pratima; Rani, Anita1; Bharti, Rekha; Agarwal, Varsha; Suri, Jyotsna
- Sugandha Bansal, Jyotsna Suri (corresponding), SK Bajaj, C Kaur, D Pandey, P Mittal. Role of Placenta Accreta Index for Diagnosis of Placenta Accreta Spectrum in High-Risk Patients. JObstetGynecol India. 2021;
- Varsha Agarwal, Jyotsna Suri (corresponding) P Agarwal, S Gupta, P, K Mishra, P Mittal. Shock Index as a Predictor of Maternal Outcome in Postpartum Hemorrhage. J South Asian Feder Obst Gynae, 2021; 13(3):127-32
- Divya Pandey, Jyotsna Suri, Rekha Bharti,

Pratima Mittal. Pregnancy Outcome in Eisenmenger Syndrome at an Indian Tertiary Care Centre. J South Asian Feder Obst Gynae, 2021 (Accepted for Publication)

- Anita Rani, PeyirBagra, Jyotsna Suri, RajniDawar. Prevalence of Metabolic Syndrome and Insulin Resistance in PCOS women in a Tertiary Care Hospital of North India. International J of Scientific Research. March 2021; 10(3): 34-36
- Rathore A, Suri J, Agarwal S, Mittal P. Antenatal and postnatal assessment of pelvic floor muscles in continent and incontinent primigravida women. Int Urogynecol J. 2021 Jun 5.
- JainA, Singh S, Elliyas S. Effectiveness of Manual Vacuum Aspiration (MVA) Device in the Management of Intrauterine Copper Devices (IUCD) with Missing Strings: A Prospective Interventional Study. The Journal of Obstetrics and Gynecology of India. 2021 Mar 15:1-6.

#### CHAPTERS IN BOOKS

- Marwah S, Dwivedi A. Intracacies in Caesarean Section Techniques. AOGD bulletin June 2021 Vol.21, No.2:23-7
- Khanam Z, Marwah S, Bharti R. Recent advances in management of Endometrial carcinoma. AOGD bulletin; 2021;.21(6):18-23.

#### GUEST LECTURES DELIVERED BY THE FACULTY

##### Dr. Anjali Dabral

- Master class on GTN-31.07.2021.

##### Dr. Jyotsna Suri

- Delivered guest lecture on Emergency Contraception in Surakshit Naritva Conference of FOGSI on 29th Feb in Hotel Lalit
- by 7 Societies of South- Erode, Calicut, Kanchipuram, Coval Madurai and Nagarcovil
- Talk on Induction of labour on 31st July organized by Har ObGyn and Safe Motherhood Committee AOGD
- Invited as expert in Critical Care Obstetrics case discussion- Pulmonary edema, on 8th August organized by Patna Obs and Gynae Society and FOGSI.
- Clinical Expert in 'Challenges in preeclampsia' on 29th August organized by GTB Hospital in smart

learning platform for PGs along with AOGD and FOGSI

- Talk on ABG in post congress workshop on Critical Care Obstetrics on 4th Novembers of annual AOGD Conference
- Guest lecture on Fluid management in shock on 22 Dec organized by Delhi Gynae Forum

#### **EXTERNAL ASSIGNMENTS OF SIGNIFICANCE Dr.**

##### **Anjali Dabral**

- DNB OBGY Practical final Exam examiner at VMMC & Safdarjung Hospital, Aug 28, 2021
- Teaching activities of FNP in Maternal Fetal Medicine Program VMMC & Safdarjung hospital as faculty

##### **Dr. Bindu Bajaj**

- Contributor to examination process conducted by NBEMS in various capacity.

##### **Dr. Sarita Shamsunder**

- External Reviewer for WHO Guidelines for Screening & Treatment of Cervical Precancer lesions for cervical cancer prevention, second edition Member of the Ethics Committee of ICMR National Institute for Cancer Prevention & Research Member of Distance Learning Program Committee of the International Federation of Colposcopy & Cervical Pathology Member of the WHO Expert Group to develop Resource Bases Good Clinical Practice Recommendations for Quality Assurance in Colposcopy Moderated a Session on Resource-based Good Clinical Practice Recommendations for Quality Assurance in Colposcopy at the 10th Annual Virtual Conference of the Association of Genital Infections and Neoplasia 3-5th December 2021 Support for Capacity Building for Cervical Cancer Screening & Treatment Master Trainer for MP Government Cancer Screening Program: Master Trainer for MP Government Cancer Screening Program, conducted many online sessions for gynaecologists, medical officers and staff nurses in MP Government in association with National Health Mission and Clinton Health Access Initiatives **Member of the Punjab State Technical Expert Committee for Cervical Screening** **Dr. Upma Saxena**

**Extramural research projects:** Principal investigator for Ayush Project in collaboration with ICMR entitled "Clinical evaluation of the efficacy of "Ayush SS Granules" in exclusively breast-feeding mothers with Insufficient Lactation (Stanyalpata)- A Randomized Double blind placebo control trial". Funds granted by ICMR in process of staff recruitment. Its 2 year project from 1st Feb 2020-31st Jan,2022

**Intramural research projects:** Gene expression and polymorphism studies in Chlamydia trachomatis-associated recurrent spontaneous abortion (Status: ongoing project)

##### **PI: Dr. Sangita Rastogi**

**Co-Investigators:** Dr. Renu Arora, Dr. Upma Saxena  
Gene expression and polymorphism study of galectins and micro-RNAs in infected women undergoing preterm birth (Status: project submitted for ethical clearance)

##### **PI: Dr. Sangita Rastogi.**

**Co-Investigators:** Dr. Renu Arora, Dr. Upma Saxena

##### **Dr. Sumitra Bachani**

- Expert for Media interaction and informative videos on COVID in pregnancy and COVID Vaccination in Pregnancy for MOHFW. July-Aug 2021.

##### **Dr. Sheeba Marwah**

- DNB OBGY Practical final Exam coordinator at VMMC & Safdarjung Hospital, Aug 28, 2021
- NBE Appointed Centre Appraiser NEET PG 2021
- NBE Appointed Centre Appraiser FMGE Dec 2021
- NBE Appointed Centre Appraiser NEET PG 2022
- NBE Appointed Centre Appraiser FMGE 2022
- NBE Appointed Centre Appraiser PDCET 2022
- Teaching activities of FNB in maternal fetal medicine program VMMC & Safdarjung hospital as faculty.

#### **NEW COURES / SUBJECTS INTRODUCED DURING THE YEAR.**

1<sup>st</sup> batch (2 seats) of Doctorate of national board (Dr NB) in gynae oncology enrolled in 2022- accreditation to national board of examinations (NBE) received in December 2021.



### ANY SIGNIFICANT FACILITY CREATED IN THE CURRENT YEAR

- Fetal Medicine Unit-Fetal intrauterine Transfusion Facility started.
- IVF Lab and OT in process.

### SOCIAL/PUBLIC SERVICE DONE BY THE DEPARTMENT

Periodic camps were conducted by the department under Aegis of AOGD and NARCHI by faculty for public awareness.

### BRIEF WRITE UP ON DISTINCTIONS ATTAINED IN SPORTS AND EXTRA CURRICULAR ACTIVITIES AT THE UNIVERSITY OR INTER-UNIVERSITY LEVEL BY THE STUDENTS.

Active participation by faculty in annual Sports meet organized in February 2021

### SIGNIFICANT ACHIEVEMENTS DURING THE YEAR

- 1<sup>st</sup> batch (2 seats) of Doctorate of national board (Dr NB) in gynae oncology enrolled in 2022- accreditation to national board of examinations (NBE) received in December 2021.
- Fetal intrauterine Transfusion started in fetal medicine unit.
- IVF Lab and OT in process.
- Training of resident doctors and health workers provided in State-of-the-art Daksh lab.
- Labor room and Family planning services modified as per the LAQSHYA guidelines and NABH Quality initiative.
- Robotic gynecology surgery started in collaboration of department of Urology.



**Sitting (R to L) :** Dr. K Usha Rani, Dr Rajesh, Dr Upma Saxena  
Dr. Bindu Bajaj, Dr. Anjali Dabral, Dr. Jyotsna Suri, Dr. Saritha Shamsunder  
Dr. Sunita Yadav, Dr. Harsha Gaikwad

**Standing First row (R to L) :** 1. Dr Meenu Choudhary 2 Dr Kashika Nagpal 3 Dr Reeta Bansiwai  
4 Dr Kavita Aggarwal 5 Dr Sheeba Marwah 6 Dr Sumitra Bachani  
7 Dr Archana Mishra 8 Dr Sarita Singh 9 Dr Nishi Choudhary

**Standing 2nd row (R to L) :** 1 Dr Ritu Aggarwal 2 Dr Ankita Jain 3 Dr Garima Kapoor 4 Dr Divya Pandey  
5 Dr Monika Gupta

# Department of Ophthalmology

## PRELUDE

Department of ophthalmology was establishment since inception of SJH. It has three wings i.e. outdoor, Indoor and Operation theatre. The outdoor (OPD) is located on 4<sup>th</sup> floor, New OPD building, C-wing. Indoor (Ward-17) is located on third floor H-Block (Ward - 17).The operation theatre is located in D wing 4<sup>th</sup> New OPD block. This department caters to the need of poorest of poor of the society for routine, emergency and advanced eye care. This department is equipped with state of art modern equipment. More than 200 patients are benefitted by outdoor, indoor, operative, investigative and specialty services of this department every day s.Since the day of inception it is involved in postgraduate teaching. Now it is involved in PG and UG teaching, Research work, Optometrist & Nursing. This department is hosting workshops, CME and symposium from time to time

## FACULTY

- **Dr. Abrol Sangeeta**, Professor
- **Dr. Duvesh R.K**, Associate Professor
- **Dr. Gullani B.P**, Professor
- **Dr. Mehta Anuj**, Professor
- **Dr. Rajshekar.V**, Professor
- **Dr. Sarkar. L**, Professor
- **Dr. Sethi H.S**, Professor

## FACULTY MEMBERS WHO LEFT THE DEPARTMENT

- **Dr. Niharika**, Assistant Professor

## DISTINCTIONS ACHIEVED BY THE MEMBERS OF THE FACULTY, AWARDS

- **Dr. Anuj Mehta**, Corona warrior, 15<sup>th</sup> August 2021
- **Dr. H.S Sethi**, Corona warrior, 15<sup>th</sup> August 2021

## RESEARCH: THESIS (ONGOING)

- Dr. Sanjana- comparative study of efficacy of topical anaesthesia instillation in operating eye vs both the eyes in phacoemulsification from 2021-2023 (Guide- Dr. H.S Sethi)

- Dr. Anu- Ganglion cell layer & inner plexiform layer thickness in early diagnosis of non-arteritic anterior ischaemic optic neuropathy from 2021-2023 (Guide- Dr. Anuj Mehta)
- Dr. Sneha- Optical coherence tomography biomarker disorganization of the retinal inner layers as a predictor of visual acuity in patients with centre involved diabetic macular edema undergoing anti-vegf therapy from 2021-2023 (Guide- Dr. V. Raj shekhar)
- Dr. Hardik- Correlation between systemic blood pressure and target intraocular pressure in primary open angle glaucoma from 2021-2023 (Guide- Dr. Sangeeta Abrol)

#### RESEARCH: THESIS (COMPLETED)

- Dr. Dharmendra Singh- Evaluation of hyper-reflective foci and their association with visual status in diabetic macular edema, 2021 (Guide- Dr. B.P Gulaini)

#### FUNDED SPECIAL GRANTS/PROJECTS DURING THE YEAR (ONGOING)

Optical coherence tomography patterns in diabetic macular edema and their correlation with visual acuity, glycosylated hemoglobin and duration of diabetes in tertiary care hospital, 2021-2024 (CSIR) Non-Funded. PI-Dr. Neha Senior Research Associate (Pool officer) Under Dr. Anuj Mehta (Professor)

#### SOCIAL/PUBLIC SERVICE DONE BY THE DEPARTMENT

- Eye Donation fortnight celebration 25<sup>th</sup> August to 08<sup>th</sup> September, 2021

#### PUBLICATIONS BY THE FACULTY MEMBERS

- Singh, M., Sethi, HS., Gupta, S., Duvesh, RK. and Naik, M., (2021). Preoperative COVID-19 Testing for Elective Ophthalmological Procedure in a Tertiary Health Care Centre: Our Experience during the Pandemic. *Clinical Ophthalmology*, Volume 15, pp.3841-3845.
- Gupta S, Sethi P, Duvesh RK, Sethi HS, Naik M, Rai HK. Optic perineuritis. *BMJ Open Ophthalmol.* (2021) May 21;6(1):e000745.
- Aggarwal R, Sethi P, Duvesh RK, Sethi HS, Naik M, Rai HK. *Ocular Toxicity of Anti-Tubercular*

*Drugs, DJO* (2021); 31:35-38.

- Naik M, Kapur M, Gupta V, Sethi HS, Srivastava K. Ripasudil Endgame: Role of Rho-Kinase Inhibitor as a Last-Ditch-Stand Towards Maximally Tolerated Medical Therapy to a Patient of Advanced Glaucoma. *Clin Ophthalmol.* (2021) Jun 24; 15:2683-2692.
- Singh Dharmendra, Guliani B.P, Duvesh R.K, priya Gayathri (2021) Evaluation of hyper-reflective foci and their association with visual status in diabetic macular edema *ophthalmol J* 2021; Vol 6, 232-240
- Duvesh RK, Sen M, Honavar SG, Bansal R, Sengupta S, Roa R, Kim U, et, al Epidemiology, clinical profile, management, and outcome of COVID- 19- associated rhino-orbital-cerebral mucormycosis in 2826 patients in India- Collaborative OPAI-IJO Study on Mucormycosis in COVID- 19 (COSMIC), Report 1 *Indian J Ophthalmology* 2021, 69:1670-92
- Naik Mayuresh, Kapur Monika, Gupta Vishnu Swarup, Sethi HS, Kartikeya Srivastava Ripasudil Endgame: Role of Rho-Kinase Inhibitor as a Last-Ditch-Stand towards Maximally Tolerated Medical Therapy to a Patient of Advanced Glaucoma. *Clin Ophthalmol.* 2021; 15: 2683–2692.
- Aggarwal Ritika, Prabhpreet Sethi, Duvesh RK, Sethi HS, Mayuresh Naik, Harminder K Rai Ocular toxicity of Anti-Tubercular Drugs *Delhi J Ophthalmol* 2021; 31; 35-38;
- Pandemic. *Clinical Ophthalmology*, Volume 15, pp.3841-3845.
- Gandhi, A., Narula, A., Chandra, S., Agarwal, D., Mehta, A, Arora, S., Nayak, S. and Kapoor, M., (2021). Battling the Emerging Epidemic of Rhino-Orbital-Cerebral Mucormycosis (ROCM) in COVID-19 Pandemic: A Prospective Interventional Study
- Mehta A, Naik M, Agarwal S. Single-triangle technique for congenital ptosis repair witha frontalis sling in blepharophimosis patients. *Taiwan J Ophthalmol* [Epub ahead of print] [cited 2021 Jul 17].



**Standing 1st row (L to R) : Dr Bindi Garg, Dr Pooja Gupta, Dr R K Duvesh,  
Dr Sangeeta Abrol, Dr. B P Guliani**  
**Standing 2nd row (L to R): Dr. Aman Gaur, Dr. V. Rajshekhar, Dr. Anuj Mehta, Dr. H. S. Sethi,  
Dr. Anurag Narula Dr. Pankaj Ranjan.**

# Department of Otorhinolaryngology

## PRELUDE

The department of ENT is a dynamic department under the headship of Dr. Neena Chaudhary, comprising four Faculties, four Chief Medical Officers and three Medical Officers. The Department of Otolaryngology (ENT) deals with a broad spectrum of medical as well as surgical treatments for ear, nose and throat related problems. The department is also involved in the UG MBBS and PG MS ENT teaching programs and many research projects. The department has recently renewed the MOU with NIHH for the CI program under ADIP scheme. More than the quantitative growth, what has been gratifying for us has been the qualitative growth. The department has today facilities and services which rival many ENT centers in the country.

There are three clerical staff and an Audiometry technician as well.

The department is active in General OPD and Sunday OPD. The surgical services offered include routine ENT surgeries, surgery for Head and Neck Cancers

and other tumours of the Head and Neck region, laryngeal stenosis, Cochlear Implant Surgery, Endoscopic and Skull Base surgeries.

With an annual bed occupancy crossing 90%, despite the restrictions imposed by the Pandemic and Lockdown, the department had an OPD of 83010 patients, IPD of 1569 patients, OT of 2199 patients. The Minor OT cases in the Minor OT of OPD were 12729 in 2021.

The total Audio metries in 2021 (including PTA/OAE/BERA/ASSR/Tympanometry) done were 10174.

## FACULTY

- **Dr. Naresh Bharadwaj**, Senior Chief Medical Officer (SAG)
- **Dr. Neena Chaudhary**, Professor & Head
- **Dr. Viaks Chauhan**, Chief Medical Officer (NFSG)
- **Dr. Deepak Kr. Gupta**, Associate Professor
- **Dr. Himani Lade**, Professor
- **Dr. Lavneesh Manchanda**, Medical Officer

- **Dr. Harishankar Nirranjan**, Chief Medical Officer (NFSG)
- **Dr. Tushar Sharma**, Medical Officer
- **Dr. Tialk Raj Singh**, Senior Chief Medical Officer (SAG)
- **Dr. Gyan Ranjan Singh**, Medical Officer
- **Dr. Isha Preet Tuli**, Professor

#### **FACULTY MEMBERS WHO LEFT THE DEPARTMENT**

- **Dr. Shantanu Mandal**, Professor

#### **ASSIGNMENT IN ACADEMIC ASSOCIATIONS:**

- **Dr. Isha Preet Tuli**, Professor as Co-Opted Member of Governing Body Delhi AOI, 2021-23

#### **OTHER DISTINCTIONS**

##### **Dr. Isha Preet Tuli**

- Delegate rBCW in Medical Education Technologies, 3-5 August 2021.
- Speaker in the Virtual symposia on Cancer Prevention Day, 24.09.2021, under ICMR - NIP.
- Faculty 26th Haryana AOICON 2021, 16-17 October 2021.
- Panelist in vestibular migraine - panel discussion (Virtual Mode), IAOHNS 2021, 7th annual conference of Indian Academy of Otorhinolaryngology, Guwahati, 26-28 November, 2021

#### **SEMINARS / CONFERENCES / WORKSHOPS/ CMEs ATTENDED BY THE FACULTY**

- **Dr. Isha Preet Tuli**, Faculty 26th Haryana AOICON 2021, 16-17 October 2021

#### **RESEARCH: THESIS (ONGOING)**

- **Dr. Saurabh**, Correlation of Depth of Invasion In Oral Squamous Cell Carcinoma With Clinicopathological Parameters 2021-24(Guide-Dr. Neena Chaudhary)
- **Dr. Sheela**, 2021-24 (Guide- Dr. Himani Lade)
- **Dr. Amit Dutt**, A Study of Clinical Outcomes of Interlay Type I Tympanoplasty In Patients With Large/Sub Total Central Perforations 2021-24(Guide- Dr. Isha Preet Tuli)

#### **RESEARCH: THESIS (COMPLETED)**

- **Dr. Uday Agarwal**, Evaluation of Anxiety and Depression in Patients of Unilateral Sudden

Sensorineural Hearing Loss 2020-23 (Guide-Dr. Neena Chaudhary)

- **Dr. Diksha Sahu**, Comparison Between the Effect of Topical Platelet Rich Fibrin and Absorbable Gelatin Sponge on Graft Uptake In Type 1 Tympanoplasty 2020-23 (Guide- Dr. Deepak Gupta)
- **Dr. Saumya Gupta**, Incidence of Residual Dizziness in Patients Successfully Treated for Benign Paroxysmal Positional Vertigo 2020-23 (Guide-Dr. Himani Lade)
- **Dr. SubhankarSahu**, A Comparison of Pressure Measurement for Endotracheal or Tracheostomy Tube By Conventional Balloon Palpation Method With Instrumental Minimal Leak Method 2020-23 (Guide-Dr. Sudhir Majhi)
- **Dr. Harshita Gupta**, Efficacy of Epley's Manouvre in Improving the Quality Of Life In Patients With Subjective Benign Paroxysmal Vertigo 2020-23 (Guide-Dr. Sudhir Majhi)
- **Dr. Tanushree Jain**, Association Of Presence Of Cognitive Impairment With Self Perceived Handicap In Peripheral Vestibular Vertigo 2020-23 (Guide- Dr.Isha Preet Tuli)

#### **GUEST LECTURES DELIVERED BY THE FACULTY**

**Dr. Isha Preet Tuli** - Guest lecture on 'Oral Cancer - its prevention.' In the Virtual symposia on Cancer Prevention Day, 24.09.2021, under ICMR - NIP.

#### **EXTERNAL ASSIGNMENTS OF SIGNIFICANCE**

- **Dr. Neena Chaudhary** - Subject expert in ICMR
- **Dr. Isha Preet Tuli** - Subject expert in National Board of Examinations

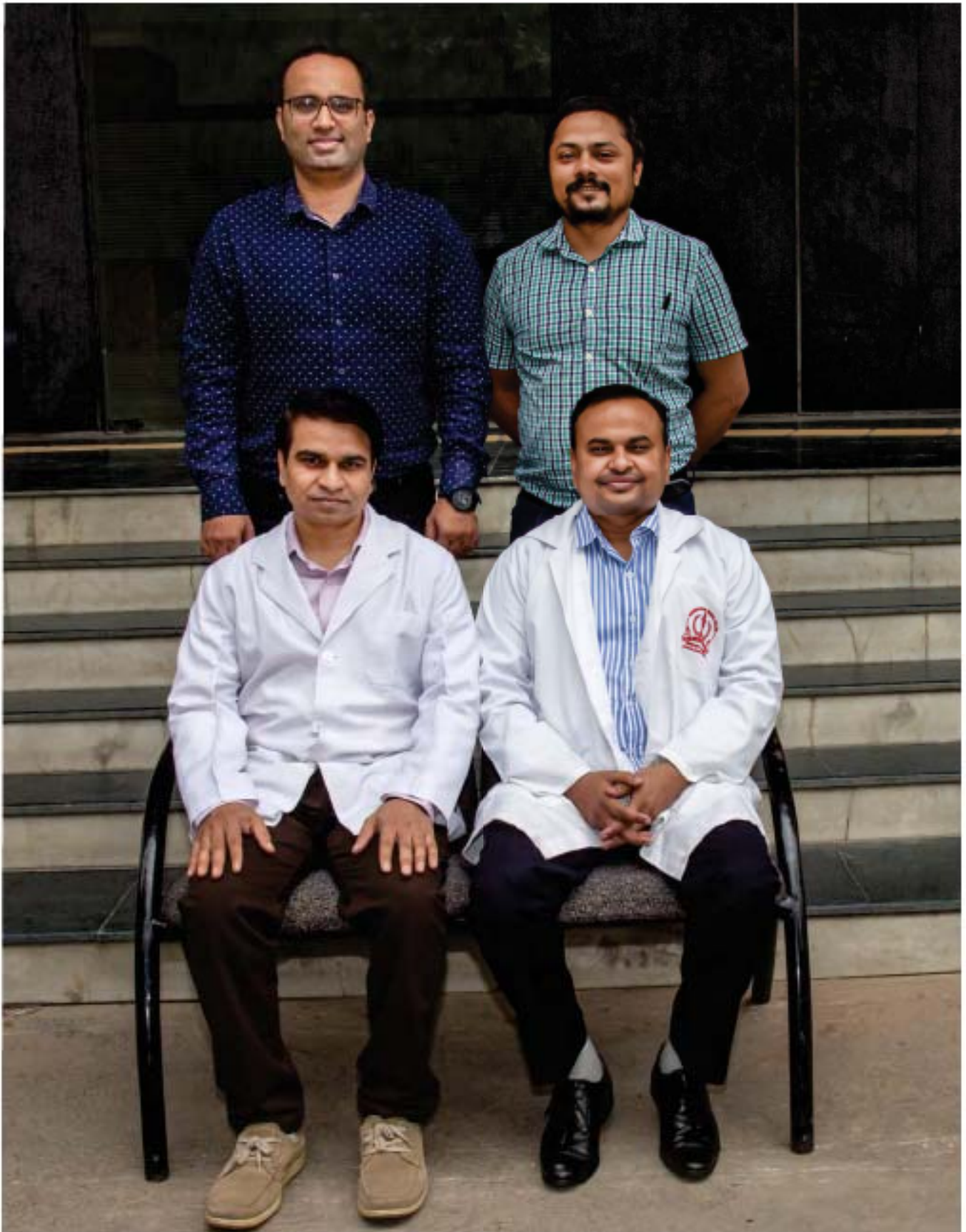
#### **NAMES OF THE STUDENTS/RESIDENTS WHO HAVE ATTAINED DISTINCTIONS**

- **Dr Karthika Nathan**, Gold Medalist in MS (ENT) Examinations 2021held by GGSIPU.

#### **PUBLICATIONS OF FACULTY/ RESIDENTS**

- Chaudhary N, Jaitly S, Verma RK, Gupta S. The Maxillary Swing: An Efficacious Approach to Surgical Management of Advanced StageJuvenile Nasopharyngeal Angiofibroma. Indian Journal of Otolaryngology and Head & Neck Surgery. 2021 May 21:1-6

- Chaudhary N, Trehan S, Janardhan M, Khanna G. Mammary Analogue Secretory Carcinoma of Submandibular Gland: A Case Report with Review of the Literature. *Indian Journal of Otolaryngology & Head & Neck Surgery*. 2021 Jul 2.
- Lalhmingmawii L, Chaudhary N, Naveen P. Contact Point Headache-Evaluation and Surgical Treatment. *Int J AnatRadiol& Surg*. 2021 Apr 10(2): SO05-7
- Bhardwaj R, Lade H, Sharma A, Trehan S, Ponnusamy S. Recurrent ameloblastoma of mandible and maxilla; intricacies of management: a case series. *European Journal of Medical Case Reports*. 2021;5(3):76-80.
- Nathan K, Majhi SK, Bhardwaj R, Gupta A, Ponnusamy S, Basu C, Kaushal A. The Role of Diagnostic Nasal Endoscopy and a Computed Tomography Scan (Nose and PNS) in the Assessment of Chronic Rhinosinusitis: A Comparative Evaluation of the Two Techniques. *Sinusitis*. 2021 Mar 2;5(1):59-66.
- Lal P, Chamoli P, Tuli IP, Jaitly S, Sneha SN, Sharma S, Trehan S. Olfactory and gustatory dysfunctions in patients with laboratory-confirmed COVID-19 infection: a change in the trend. *Indian Journal of Otolaryngology and Head & Neck Surgery*. 2021 Jul 18:1-7.
- Tuli IP, Trehan S, Khandelwal K, Chamoli P, Nagendra S, Tomar A, Sharma S. Diagnostic and therapeutic endonasal rhinologic procedures generating aerosol during COVID-19 pandemic: a systematized review. *Brazilian Journal of Otorhinolaryngology*. 2021 Aug 20;87:469-77.
- Tuli IP, Khandelwal K, Trehan S, Gupta A, Nathan K. Delayed Presentation of Onodi Cell Mucocele with Optic Neuropathy: A Rare Case and Literature Review. *Indian Journal of Otolaryngology and Head & Neck Surgery*. 2021 Apr 26:1-5.
- Bhardwaj R, Tuli IP, PK MS, Gupta A, Makkar S. Cricoid Ossification Mimicking an Esophageal Foreign Body: A Victim of Overdiagnosis. *Dubai Medical Journal*. 2021;4(1):77-80.
- Nayak S, Aggarwal A, Misra RN, Tuli IP. Spontaneous Subcutaneous Emphysema with Pneumothorax with Pneumomediastinum and Epidural Air with Spontaneous Resolution. *Indian Journal of Surgery*. 2021 Apr;83(1):255-7.
- Ahmed F, Motwani G, Sahni A, Tuli IP. A Study To Determine Pre-Operative Predictors For Difficult Laryngeal Exposure In Microlaryngeal Surgery. *World J Of Ent & Head-Neck Surg*. 2021 Jul; 2(3):66-72.



***Sitting (L to R): Dr. HS Niranjan, Dr. Deepak Gupta  
Standing (L to R): Dr. Lavneesh Manchanda, Dr. Gyan Ranjan Singh***



# Department of Pediatric Surgery

## PRELUDE:

The Department of Pediatric Surgery provides emergency and elective Surgical care to children ranging from neonatal age to 12 years. Outpatient services are on all 6 days of week. A designated 24 hours emergency OT is available to the Department to carry all emergency surgeries. Elective operations are also conducted daily in the two designated elective OT. The Department covers entire spectrum of Pediatric Surgical operations including Pediatric urological, gastro intestinal, neonatal emergencies and thoracic operations.

**The annual work load of the Department of Pediatric Surgery in 2021 was as follow: -**

- No. of new patients the OPD = 9627
- Member of old patient the OPD = 12,570
- Total number of patients the OPD = 22,197
- Total number of candidate patient (IPD) = 4152
- Total number of major surgical performed= 3581
- Total number of minor surgeries = 1750
- Day care surgeries= 408

## FACULTY

- **Dr. Samir Kant Acharya**, Senior Specialist
- **Dr. Amit Kumar Jadhav**, Associate Professor
- **Dr. Vasanthi Ramesh**, Senior CMO
- **Dr. Anjana Sreedharan**, Assistant Professor
- **Dr. Nidhi Sugandhi**, Professor
- **Dr. Nariender Tekchandani**, CMO

## FACULTY MEMBERS WHO LEFT THE DEPARTMENT

- **Dr. Deepak Bagga**, Consultant (Superannuated the July 2021)

## APPOINTMENT OF FACULTY TO HIGHER POSTS / ASSIGNMENT OUT SIDE ASSIGNMENT IN ACADEMIC ASSOCIATIONS:

- **Dr Nidhi Sugandhi**-ICMR Expert Committee Member to formulate STWs for Pediatric Surgery under AB-PMJAY Health Benefit Packages, 2018-ongoing

## **DISTINCTIONS ACHIEVED BY THE MEMBERS OF THE FACULTY (AWARDS)**

- **Dr. Vasanthi Ramesh**-Nominated by Hon. HFM as International Advisory Panel member of Tribute to Life Board, NHSBT, UK.

## **OTHER DISTINCTIONS**

### **Dr. Nidhi Sugandhi**

- Faculty at interview for appointment of Senior resident, Pediatric Surgery at LNJP and MAMC, July 2021
- Member of expert panel for South East Asia for developing consensus statement on Pediatrics Enteral Nutrition January 2021
- Reviewer for Indian Journal of Pediatrics, Indian Pediatrics BMJ, Journal of Pediatrics Urology, World Journal of Gastroenterology
- Executive board member of Indian Pediatrics

## **SEMINARS / CONFERENCES / WORKSHOPS/ CMEs ATTENDED BY THE FACULTY**

### **Dr. Nidhi Sugandhi**

- Faculty at Pediatrics Surgery Update, 11-14<sup>th</sup> - March, 2021
- Faculty at Annual Conference of Pediatric Endoscopic Surgeons of India. 19-21<sup>st</sup> – March, 2021
- Faculty talk at International Conference of Hypospadias, 12-14-Feb, 2021
- Faculty at e-teaching program for general Surgery post gradates. Scrubs 2021, December, 2020

### **Dr. Vasanthi Ramesh**

- Participated in Webinar – Immunogenetics Congress 2021 organized by Indian Society by Addressing Corona & Transplant, 22<sup>nd</sup> – 23<sup>rd</sup> January 2021
- Participated in ISOT Webinar- Update on COVID-19 Vaccination organized by Addressing Corona 7 Transplant, 31<sup>st</sup> January 2021
- Webinar attended-on Gender Disparity in Kidney Transplantation in Asia organized, 25th February 2021
- Participate in the ILTS REAL Webinar (for Southeast Asian and South Asian regions) on “Chronic Liver Disease and Liver Transplantation: the right time to make the transition from medical

therapy, 26<sup>th</sup> February 2021

- Webinar attended – Gender Disparity in Kidney Transplantation in Asia organized by Asian Society of Transplantation Secretariat ,31st March 2021
- Participated as a Speaker in the Panel Discussion on “altruistic donation: a tool for the needy or the greedy” with international experts, 4<sup>th</sup> April 2021
- Talk on “National Judicial Academy, 5<sup>th</sup> December 2021
- Talk on “Kidney Warriors Foundation, 13<sup>th</sup> December 2021

## **RESEARCH: THESIS (ONGOING)**

- Dr. Sahiti-Resolution of Bladder Neck Hypertrophy after cystoscopic fulguration in children with posterior valve, 2021-2024, (Guide-Dr. Nidhi)
- Dr. Apoorva- Diagnostic Accuracy of prone cross table lateral X-Ray in predicting level of Rectal Pouch in Male Patients with Ano- Rectal Malformation, 2021-2024, (Guide-Dr. Nidhi)
- Dr. Utkarsh-Study of Uroflowmetry profile in operated hypospadias patients, 2021-2024, (Guide-Dr. Amit)
- Dr. Shafeek-Age Related Immunoreactivity of Calretinin and CD56 in Hirschsprung Diseases, 2021-2024, (Guide- Dr. Samir KantAcharya)
- Dr. Vinod- Survival of neonates born with esophageal atresia with trachea-oesophageal fistula using Waterston prognostic criteria, 2021-2024, (Guide-Dr. Samir KantAcharya)
- Dr. Vinay-Hypertension in children with pelviureteric junction obstruction and its response to pyeloplasty, 2021-2023, (Guide- Dr. Amit Kumar Jadhav)
- Dr. Varsha-Early vs late transanastomoic feeding in neonates with tracheoesophageal fistula, 2020-2023, (Guide- Dr. Nidhi).
- Dr. Shrishti Kanodia-Occurrence of Urethrocutaneous fistula following distal penile hypospadias repair using polyglactin 910 vs polydioxone, 2020-2023, (Guide- Dr. Samir Kant Acharya).

## **RESEARCH: THESIS (COMPLETED)**

- Dr. Viji-Outcomes of dorsal midline placcation in ventral curvature correction in hypospadias with chrodee, 2019-22, (Guide-Dr. Deepak Bagga)
- Dr. Anwesa Chakraborty-A comparative study of growth of unilateral palpable descended testis as compared to its normal counterpart after orchiopexy, 2019-22, (Guide-Dr Nidhi)
- Dr. Vikram- Evaluation of decision making for initial surgery on male anorectal malformation based on clinical assessment, 2019-23, (Guide-Dr. Deepak Bagga)
- Dr. Sonalini-Incidence of vacterl anomalies in patients with oesophageal atresia with or without trachea-oesophageal fistula in a tertiary care centre, 2019-22, (Guide- Dr. Samir Kant Acharya).

#### **PUBLICATIONS OF FACULTY/RESIDENTS**

- Acharya S K, Sugandhi N, Jadhav A K, Bagga D, Tekchandani N, Sreedharan A et al. Gastric pull-up by the retrosternal route for esophageal replacement: Feasibility in a limited – resource scenario. *J Pediatric Surg.* 2021; 56(2):374-378.
- Acharya S K, Sugandhi N, Srinivas Rao P, Chakraborty G, Gupta D, Arora R. A Histopathological Study of Congenital Pouch Colon and its Impact on Management. *Tropical Gastroenterology* 2021; 42(1): 39-46.
- Samraj P, Chakraborty G, Sugandhi N, Shoor G, Acharya SK, Jadhav A et al. Primary anastomosis in difficult cases of type “C” esophageal atresia:The atraumatic micro vascular clamp technique of minimal tension with good outcome. *J Pediatr Surg.* 2021 May ;56(5):1076-1081.
- Shoor G, Sugandhi N, Acharya SK, Chakraborty G, Teckchandani N, Kour H, Bagga D. Outcomes of preputioplasty in patients undergoing TIP urethroplasty (tubularization of incised urethral plate) for distal and mid penile hypospadias. *J Pediatr Surg.* 2021 May;56(5):1076-1081.
- Kute VB, Agarwal SK, Prakash J, Guleria S, Shroff S, Sharma A et al. special article: NOTTO Covid-19 vaccine guideline for transplant recipients. *Ind J Nephrol.*2021;31(2):89-91.
- Kute V, Agarwal SK, Prakash J, Guleria S, Shroff S, Sharma A, Varma Prasad N, Sahay M, Gupta S, Sudhindran S, Krishan K, Ramsh V, Kumar S. NOTTO COVID-19 vaccine guidelines for transplant recipients. *Ind J Transplant.*2021;15:1-3
- Kute V, Asthana S, Gupta S, Agarwal S K, Swarnalatha, Sahay M et al. NOTTO Guildelines for Vaccine induced thrombotic thrombocytopenia in organ donation and transplantation. *Ijn\_539\_21.* Accepted for publication in the Indian Journal of Nephrology.
- Ramesh V, Pal C. Organ Donation and Transplantation in India in 2019; *Experimental and Clinical Transplantation* (2021) Oct 19.
- Hakeem RA, Ramesh V, Pradez S, Ashwin R, Gomathy N, Mettu SR, Reala M. Enlightening Young Minds: A small Step in the Curriculum, A Giant Leap in Organ Donation- A Survey of 996 Respondents on Organ Donation & Transplantation Accepted for publication in *Around the world series in the journal “Transplantation”* March 2021-Volume 105-Issue 3-p 459-463
- Kute VB, Ramesh V, Rela M. On the way to self-sufficiency: Improving deceased organ donation in India. *Transplantation* 2021 (TPA-2020-2353).
- Single V, Shoor G, Shoor P, Acharya SK, Peculiarities of Acute Pancreatitis in Children & appropriate management appropriate management approach; *International Journal of Medical Sciences and current Research (IJMSCR)*;2021, Volume 4, Page No. 338-342
- Jadhav A, Chakraborty G, Sugandhi N, Acharya SK. Pyloric stricture after corrosive ingestion in children: An attempt to address the optimum management of this rarity. *International Journal of contemporary Pediatrics* oct 2021;8:1730-34
- Jadhav A, Chakraborty G, Sugandhi N, Acharya SK. Choledocal cyst perforation: experience from a centre with limited emergency resources. *International Journal of contemporary Pediatrics* oct 2021;8:1739-43.

#### **EXTERNAL ASSIGNMENTS OF SIGNIFICANCE**

- Dr Nidhi Sugandhi-ICMR Expert Committee Member to formulate STWs for Paediatric Surgery under AB-PMJAY Health Benefit

Packages, 2018-ongoing

**NAMES OF THE STUDENTS/RESIDENTS WHO  
HAVE ATTAINED DISTINCTIONS**

- Dr Gunjan Shoor DNB student in department of Paediatric Surgery received All India DNB Gold Medal for Paediatric Surgery in 2021



**Sitting L to R - Dr Samir Acharya ,2.Dr Archana Puri 3. Dr Vasanti Ramesh .**

**Standing L to R -1. Dr Amit Jadhav, 2. Dr Anjana Sreedharan 3. Dr Nidhi Sugandhi 4. Dr Narinder Tekchandani**

# Sports Injury Centre

## PRELUDE:

• Patients seen in OPDs	117851
• In-Patient Admissions	: 2099
• Surgeries performed (Major)	: 1728
• Minor OT procedures	: 3567

## FACULTY

- **Dr. Ajay**, Professor
- **Dr. R.K. Arya**, Director SIC (Prof)
- **Dr. Ankit Goyal**, Professor
- **Dr. Himanshu Gupta**, Professor
- **Dr. Vineet Jain**, Professor
- **Dr. Deepak Joshi**, Sr. Specialist (Prof.)
- **Dr. Himanshu Kataria**, Director-Professor
- **Dr. Jaswant Kumar**, Associate Prof.
- **Dr. Hitesh Lal**, Sr. Specialist (Prof.)
- **Dr. Nitin Mehta**, Professor
- **Dr. Pallav Mishra**, Professor
- **Dr. Ankit Ruhela**, Specialist Grade-III
- **Dr. Davinder Singh**, Director Professor
- **Dr. Skand Sinha**, Sr. Specialist (Prof.)

- **Dr. Harlin Uppal**, Assistant Prof.

## NEW ADDITION TO THE FACULTY

- **Dr. Harlin Uppal**, Assistant Professor

## FACULTY MEMBERS WHO LEFT THE DEPARTMENT

- **Dr. Col. B. K. Nayak**, Specialist (S.M)

## DISTINCTIONS ACHIEVED BY THE MEMBERS OF THE FACULTY (AWARDS)

- **TridibKanti Dutta**, Podium Presentation on "Comparative evaluation of proprioceptive neuromuscular facilitation stretching with muscle energy technique in treatment of adhesive capsulitis" in DOACON 2021 (26th To 28th Nov 2021)
- **Deepak Kashyap**, Podium Presentation on "Comparative analysis of critical shoulder angle & acromion index in patients with or without rotator cuff tear" in DOACON 2021 (26th To 28th Nov 2021)
- **Firoz Azam Khan**, Podium Presentation on

"Efficacy of transcutaneous electrical nerve stimulation (tens) in arthrogenic muscle inhibition post anterior cruciate ligament reconstruction in DOACON 2021 (26th To 28th Nov 2021)

- Anamika Lohiya, Podium Presentation on "Effect of addition of names on quadriceps in post ACL reconstruction patients in DOACON 2021 (26th To 28th Nov 2021)
- Chetan R, Podium Presentation on "Comparative evaluation of clinical & functional results of early vs late open kinetic chain exercises in ACL reconstruction patients" in DOACON 2021 (26th To 28th Nov 2021)
- Surbhi Shriya, Podium Presentation on "Comparative evaluation of effectiveness of low-level laser therapy in addition to eccentric strengthening exercises to eccentric exercise alone in treatment of achilles tendinopathy" in DOACON 2021 (26th To 28th Nov 2021)
- Shubham Ahuja, Poster Presentation on "Evaluation of bone mineral density in cases of bone stress injury among sportsperson" in DOACON 2021 (26th To 28th Nov 2021)"
- Shikha Dhaundiyal, Online Webinar for SAI GOA Center on "Importance of biomechanics in sports" in sports authority of India/SAI webinar (21<sup>st</sup> Aug 2021)
- Shikha Dhaundiyal, Live Lecture On "Sports nutrition & delayed onset muscle soreness" in Jaipur shoulder knee course live lecture (27TH OCT 2021)
- Shikha Dhaundiyal, Online Lecture On "Sports medicine allied sciences for injury free performance" in Dept of Physical Education /Sports (Gymkhana) (21<sup>ST</sup> AUG 2021)
- Shikha Dhaundiyal, Online Lecture On "Scapular dyskinesia in an overhead athlete" in ISSEM live lecture series (20th april 2021)
- Aditya Sood Completed Online & Hands on Training For "Fellowship in family medicine" in apollo hospital fellowship program (25TH MAY 2021)
- Chetan Sharma, attended as A Delegate "Arthroplasty workshop" in IOACON 2021 (20th-22nd dec 2021)

- Chhewwang Utopia, attended as A Delegate "Arthroplasty Workshop" in IOACON 2021 (20TH-22ND DEC 2021)
- Ashish Chopra, attended as A Delegate Workshop On "AIIMS cadaveric hip arthroplasty current concepts in arthroplasty" in AIIMS Cadaver Conference (29TH OCT 2021)
- Lalit Joon, attended as A Delegate Workshop On "AIIMS cadaveric hip arthroplasty current concepts in arthroplasty" in AIIMS Cadaver Conference (29TH OCT 2021)
- Shreya, Pavnish, Shwetashri, Khyati, Tridib, Shubham, Prakhar, Surbhi, Chetan, Firoz, Rajat, Deepak, Anamika, Bhim Singh, Shikha & Aditya Sood, All PG's & SRs were Posted As "tournament doctor/field of play doctor" to provide medical coverage for sports event in Khelo India Womens hockey league (15th TO 21st Dec 2021)
- Shikha Dhaundiyal, Anamika & Surbhi, all 3 Doctors were posted as "TOURNAMNET DOCTOR/FIELD OF PLAY DOCTOR" to provide medical coverage of event. amongst them Dr. Shikha was cmo of the entire tournament in 5th WOMEN ELITE BOXING CHAMPIONSHIP IN HISSAR (21ST TO 27TH OCT 2021)
- Sunil Dhanger Podium Presentation on Comparison of functional outcome between all inside acl reconstruction v/s full tibial tunnel in ACL reconstruction in IOACON2021 (DEC 21ST TO 25TH)
- Sunil Dhanger, Poster Presentation on Functional outcome of bankart repair using knotless anchor in traumatic anterior shoulder instability in IOACON2021(DEC 21ST TO 25TH)
- Shwetashri, Shreya, Pavnish, Khayati, Completed online course on antidoping guidelines for medical professional in antidoping e-learning (MAY 15TH 2021)
- Shwetashri, Shreya, Pavnish, Khayati, passed online exam for biomedical research as required by NMC curriculum in ICMR Online Course on Biomedical Research

#### **SEMINARS / CONFERENCES / WORKSHOPS/ CMEs ATTENDED BY THE FACULTY**

- Dr Ajay attended, Arthroscopy Conclave, 2021,

KGMU Lucknow on 13th & 14th, November, 2021 in KGMU Lucknow.

- Dr. Deepak Joshi attended KGMC Lucknow on 13th & 14th, November, 2021
- **RESEARCH: THESIS (ONGOING)**
- Dr. Manikandan- Evaluation of role PRP in the treatment of lateral ankle sprain from 2021-24 (Guide-Dr. R. K. Arya)
- Dr. Soni- Functional outcome of treatment of patella femoral pain syndrome (PFPS) with kinesiotope & supervised exercise therapy from 2021-24 (Guide-Dr. Skand Sinha)
- Dr. Happy- Effectiveness of addition of Blood flow restriction therapy to standard rehabilitation protocol following anterior cruciate ligament reconstruction from 2021-24 (Guide-Dr. Himanshu Kataria)
- Dr. Bharat- Evaluation of Role of Kinesis taping in early post operation rehabilitation offer anterior cruciate ligament reconstruction from 2021-24 (Guide-Dr. Davinder Singh)

#### **RESEARCH: THESIS (COMPLETED)**

- Dr. Khyati- Effectiveness of Prolotherapy in Addition to Plantar Fascia Stretches to Plantar Fascia Stretches Alone in the Treatment of Chronic Plantar Fasciitis from 2020-23 (Guide-Dr. A.K. Arya)
- Dr. Shwetarsi Mohanta- Clinico-Radiological Evaluation of Modified Posterior Shoulder Stretching Exercises in The Management of Subacromial Impingement Syndrome from 2020-23 (Guide- Dr. Hitesh Lal)
- Dr. Shreya Rasania- A Cross Sectional Study on Assessment of Isokinetic Strength in Bilateral Knee Extensors and Flexors in Young College Going Population from 2020-23 (Guide- Dr. Himanshu Kataria)
- Dr. Pavnish Yadav- Comparative Analysis of Effectiveness of Deep Oscillation Therapy Versus Ultrasonic Therapy in Lateral Epicondylitis from 2020-23 (Guide-Dr. Deepak Josh)
- Dr. Rajat Kumar- Evaluation of body mass index in Anterior cruciate ligament injury from 2020-23 (Guide-Dr. Vineet Jain)

#### **PUBLICATIONS OF FACULTY/RESIDENTS**

- Decreased motion with normal strength after Latarjet procedure has minimal impact on return to activity. Skand Sinha, Santanu Kar, Ananta K. Naik, Jaswant Kumar, Rakesh Goyal, Vijay K. Jain, Rajendra K. Arya. Knee Surg Sports Traumatol Arthrosc. 2021 Jan 18.
- Management Guidelines for Infection After ACL Reconstruction: Expert Opinion Statement Based on the Modified Delphi Survey of Indian Arthroscopy Surgeons. Geethan I et al. JOIO. 2021 Feb 1;55(2):342-351.
- Postoperative clinical outcome between lateral retraction and eversion of patella following simultaneous bilateral total knee arthroplasty. Chowdhury S, Arya RK, Sinha S, Naik AK, Jain VK. J Clin Orthop Trauma. 2021 Feb 16; 17:74-77.
- Is Revision Bankart Repair with Remplissage a Viable Option for Failed Bankart Repair in Non-contact Sports Person Aiming to Return to Sports? Sinha, S., Mehta, N., Goyal, R., Goyal A, Joshi D, Arya RK. Indian J of Orthopaedics, Indian J Orthop. 2021 May 7;55(Suppl 2):359-365.
- Anomalous origin of the long head of biceps on a patient with anterior shoulder o and long-term results of its repair Ankit Goyal. Dheren Mondal, Chetan Sharma, Rakesh Goyal, Pallav Mishra. Indian Journal of case reports. Vol 7, issue 7, July 2021 pages pg 285-287.
- Arthroscopic capsular release for adhesive capsulitis secondary to diabetes provides better functional outcome than conservative management Kanishk Bansiwala, Prashant Bhavani, Bhim Singh, Ankit Goyal, Ananta K. Naik, Skand Sinha. JASSM. Dec 2021 3(1):12-17
- Ensuring safety from COVID -19 in arthroscopic surgery Arya.RK, T Chhewwang, Joshi D, Kumar J., Goyal A, Lal H, Sinha H. Journal of Boint and Joint diseases. Volume 36. Issue 3. September-December 2021
- A Hospital Based Prospective Clinical Study to Evaluate the Efficacy of Bipolar Hemiarthroplasty in Arthritis of The Hip Joint Sunil Yadav<sup>1</sup>, Sumit Arora<sup>2</sup>, Ajay<sup>3</sup>, International Journal of Health and Clinical Research, 2021;4(22):138-141.

- Arya RK, Topgia C, Joshi D, Kumar J, Goyal A, Lal H, Sinha S. Ensuring Safety from COVID-19 in Arthroscopic Surgery. *Journal of Bone and Joint Diseases*. Volume 36. Issue 3. 2021: 48-50.
- Chowdhury S, Arya RK, Sinha S, Naik AK, Jain VK. Postoperative clinical outcome between lateral retraction and eversion of patella following simultaneous bilateral total knee arthroplasty. *J Clin Orthop Trauma*. 2021 Jun; 17:74-7.
- Dhaka DA, R DL, Singh DD. Clinical and functional outcome of arthroscopic management of intra articular elbow disorders. *Int J Orthop Sci*. 2021;7(2):705-11.
- Geethan I, Easwaran R, Sahanand S, Sivaraman A, Gupta A, Devgan A, et al. Management Guidelines for Infection After ACL Reconstruction: Expert Opinion Statement Based on the Modified Delphi Survey of Indian Arthroscopy Surgeons. *Indian J Orthop*. 2021 Apr;55(2):342-51.
- Guha M, Lal H, Boruah T, Kumar S, Sareen A, Patralekh MK, et al. Clinico-Radio-Histopathological Correlation by C-Arm Image-Guided Biopsy in Spinal Tuberculosis. *Indian J Orthop*. 2021 Aug;55(4):1028-36.
- Gupta H, Kataria H, Batta NS, Yadav S, Jain V. Assessment of validity and reliability of femoral shaft-patellar tendon angle measured on MRI. *Skeletal Radiol*. 2021 May;50(5):927-36.
- Jain VK, Upadhyaya GK, Iyengar KP, Patralekh MK, Lal H, Vaishya R. Impact of COVID-19 on Clinical Practices during Lockdown: A pan India Survey of Orthopaedic Surgeons. *Malays Orthop J*. 2021 Mar;15(1):55-62
- Patralekh MK, Vaish A, Vaishya R, Gulia A, Lal H. Trends of publication in the orthopedic journals from India: A bibliometric analysis. *IJMS*. 2021 May 29;73(1):134-40.
- Sinha S, Kar S, Naik AK, Kumar J, Goyal R, Jain VK, et al. Decreased motion with normal strength after Latarjet procedure has minimal impact on return to activity. *Knee Surg Sports Traumatol Arthrosc*. 2021 Aug;29(8):2579-86.
- Sinha S, Mehta N, Goyal R, Goyal A, Joshi D, Arya RK. Is Revision Bankart Repair with Remplissage a Viable Option for Failed Bankart Repair in Non-contact Sports Person Aiming to Return to Sports? *Indian J Orthop*. 2021 Jul;55(Suppl 2):359-65.
- Guha M, Lal H, Boruah T, Kumar S, Sareen A, Patralekh MK, Kumar R, Khanna G. Clinico-Radio-Histopathological Correlation by C-Arm Image-Guided Biopsy in Spinal Tuberculosis. *Indian J Orthop*. 2021 Feb 18;55(4):1028-1036.
- Jain VK, Upadhyaya GK, Iyengar KP, Patralekh MK, Lal H, Vaishya R. Impact of COVID-19 on Clinical Practices during Lockdown: A pan India Survey of Orthopaedic Surgeons. *Malaysian Orthopaedic Journal*. 2021 March;15(1):55-62.
- Patralekh MK, Vaish A, Vaishya R, Gulia A, Lal H. Trends of publication in the orthopedic journals from India: A bibliometric analysis. *Indian J Med Sci* 2021;73(1):134-40.
- Patralekh MK, Lal H. 3D Printing: Clinical Applications in Orthopaedics and Traumatology. *In The Hip Joint* 2021 Nov 10(pp.121-156). Jenny Stanford Publishing.
- Batta NS, Mittal M, Batra V, Jain V. Isolated infraspinatus atrophy in elite volleyball player- understanding the biomechanics, imaging and outcome. *Indian J Musculoskeletal Radiol*.
- Ahuja S, Mittal M, Gupta H, Jain V, Kataria H. Evaluation of bone mineral density in cases of bone stress injury among sportsperson. Accepted for publication in *Journal of Arthroscopic Surgery in Sports Medicine*. (Paper accepted in 2021)

**SIGNIFICANT FACILITY CREATED IN THE CURRENT YEAR:**

**EXPANSION OF SPORTS INJURY CENTRE:**

- Major milestone achieved as the Centre has been approved for expansion with the allotment of 0.75 hectares of additional land & approval of the DPR in March 2018 and the SFC in July 2018 by the Min of Health & FW. The construction and the process for acquisition of equipment, manpower etc is already underway.
- The centre aims to be one of the biggest such centre in Asia with a bed strength of 156 beds and facilities of Sports Medicine and Sports Sciences



besides Sports and Arthroscopic surgeries.  
NBCC is the project implementing agency for this  
project



**Sitting L to R -** Dr Skand Sinha, Dr Hitesh Lal, Dr R K Arya,  
Dr Deepak Joshi, Dr Davinder, Dr Vineet Jain  
**Standing (L to R) -** Dr Jaswant Kumar, Dr Nitin Mehta, Dr Ajay,  
Dr Pallav Mishra, Dr Harleen Uppal

# Department of Urology & Renal Transplant

## PRELUDE:

- Patients seen in OPDs/Tests done- 46000
- In-patient admission/Tests done-6800
- Total number of surgeries performed- 4800
- Other relevant data - U/S KUB – 16, UFR – 2200, Urodynamic Studies – 460

## FACULTY

- **Dr. R P Arora**, CMO
- **Dr. Abhishek Johari**, Assistant Professor
- **Dr. Anup Kumar**, Professor & Head
- **Dr. Niraj Kumar**, Associate Professor
- **Dr. Sandeep Kumar**, Associate Professor
- **Dr. Ruchi Mittal**, Associate Professor
- **Dr. Pawan Vasudeva**, Professor
- **Dr. Siddharth Yadav**, Associate Professor

## NEW ADDITION TO FACULTY

- **Dr. Sumit Aggrawal**, Assistant Professor
- **Dr. Y.M. Prashanth**, Assistant Professor
- **Dr. Vijay Singh**, Assistant Professor

## FACULTY MEMBERS WHO LEFT THE DEPARTMENT

- **Dr. Arun Makkar**, Assistant Professor

## Visiting faculty assignment

### Dr. Anup Kumar

- Urology Society of India
- Urology Society of India North Zone
- Genitourinary Cancer Society of India
- Robotic Urology Forum
- North Zone Council member
- Honorary Secretary
- Honorary Secretary
- Executive Council Member

### Dr. Pawan Vasudeva

- School of NeuroUrology, International Continence Society (ICS), Board Member,
- Indian Chapter of International Neuro Urology Society, President
- Female and Functional Urology section of Urological Society of India, Member
- Indian Continence Society, Chief Scientific Advisor

## **DISTINCTIONS ACHIEVED BY THE MEMBERS OF THE FACULTY (AWARDS)**

### **Dr Anup Kumar**

- Dr. Anup Kumar was awarded the prestigious "Honorary Faculty of Eminence", by the Biggest and most prestigious Urology Society of India - Indian School of Urology in 2021 for being the First Robotic mentor for training Young Urologists, in Indian School of Urology -Urology Society of India.
- Dr Anup Kumar was felicitated by the Chief Guest, President Indian Medical Association Dr JA Jayalal during 31 Annual conference of NZUSICON 2021 commemorating with 75 Diamond anniversary of Indian Independence, for exemplary contribution in field of Urology during Covid Pandemic and also felicitated on successful completion of his 2 years tenure of Honorary Secretary Urology society of India North Zone.
- Formulated Indian Ca Prostate Guidelines, as Convener appointed by Urology Society of India.
- Dr. Anup Kumar was elected as the Council member of North Zone for Urology Society of India
- Dr. Anup Kumar was selected as the Honorary Secretary of Genitourinary Cancer Surgeons of India (GUCSI)
- Dr Anup Kumar was selected as the Council member of Robotic Urology Forum of India.
- Dr Anup Kumar was awarded the prestigious award "Outstanding contribution in Indian Urology", in 2021, to develop Robotic/ Laparoscopy subspeciality by the Biggest and most prestigious Urology Society of India -Indian School of Urology

### **Other Distinctions**

#### **Dr. Anup Kumar**

- Secretary, Urology Society of India North Zone
- North Zone Council member, Urology Society of India
- Nodal officer for Oncology, Robotics and Renal Transplant, SJH and VMMC
- Honorary Secretary, Genitourinary Cancer Society of India
- Nodal Officer for Oncology, Robotics and Renal Transplant in Safdarjung Hospital

- Member Secretary of Tumor Board in Safdarjung Hospital
- Expert panel member of Apex Technical Committee to NOTTO
- Expert panel member of the National Appellate authorization committee for Renal Transplant by ministry of Health and Family welfare, Govt of India
- Unique distinction in the country of formulating the National Standard Treatment Guidelines for Urology, for Ministry of Health and Family Welfare, Govt of India.
- Unique distinction to be appointed as Co-chairman of the committee to formulate standard treatment flowcharts for various diseases in Urology by Niti Ayog Ministry of Health and Family Welfare Govt of India and ICMR.
- Started the First time in India, International Live 3-D Laparoscopic surgeries Web Cast, showing complex uro-oncology and reconstructive surgeries since 2018, twice in a month
- Started the National Laparoscopic training program for young urologists including wet lab training for first time in India since July 2018
- Started First time in India, National Cadaveric Hands-on training laparoscopic program, involving both upper tract and lower tract surgeries
- National Convener for promotion of Organ Donation Urology Society of India and NOTTO
- National Convener for formulating Prostate Cancer Guidelines by Urology Society of India
- Expert panel member of Urology Specialist Board, National Board of Examination, MOHFW GOI
- Expert Panel member of National List of Essential Medicines, ICMR, MOHFW GOI
- Executive Council member, Robotic Urology Forum of India

#### **Dr. Pawan Vasudeva**

- Chief Scientific Advisor to the "Indian Continence Society"
- President, Indian Chapter of International NeuroUrology Society
- Core Panel Member for "USI guidelines on

Urinary Incontinence”

- “Committee Member” to the Neuro Urology Promotion Committee of the International Continence Society [ICS]
- Board Member, School of NeuroUrology, International Continence Society
- Founding Member (from India) of the International Neuro Urology Society, Switzerland

#### **SEMINARS/CONFERENCES /WORK SHOPS / CMEs HELD IN THE DEPARTMENT:**

- NZUSI CME – Uro Golden Eye, 18 April 2021
- NZUSI Urology Post graduates online teaching sessions in May and June 2021
- NZUSI Urology Post graduates online teaching session, 1, 8 May 2021
- NZUSI Urology Post graduates online teaching session 2, 23 May 2021
- NZUSI Urology Post graduates online teaching session 3, 6 June 2021
- NZUSI Urology Post graduates online teaching session 4, 6 June 2021
- International updates on recent advances in Uro-oncology, 27 June 2021
- International Endourology – Past and Present, 25 July 2021
- Recent International Update in metastatic CRPC, 23 Oct 2021
- NZUSI physical cum hybrid midterm CME on Female Urology, at Sher-i-Kashmir Institute of Medical Sciences in Srinagar, 9-10 Oct 2021
- Masterclass in metastatic Ca prostate, 13 Nov 2021
- 31st annual conference, Annual NZUSICON 2021, 16-18 Dec 2021

#### **SEMINARS / CONFERENCES / WORKSHOPS / CMES ATTENDED BY THE FACULTY**

##### **Dr. Anup Kumar**

- Annual DUSCON, 3<sup>rd</sup> Jan, 2021
- International Masterclass: Treatment and management of renal cell carcinoma in new millennium 2021 and beyond, 15<sup>th</sup> Jan, 2021.
- 30th Annual Conference, Annual NZUSICON 2020, 22<sup>nd</sup> to 24<sup>th</sup> Jan, 2021
- Annual Conference of USICON 2021, New Delhi

- 7th Live Advanced LapUro Workshop - Ahmedabad
- NZUSI CME – Uro Golden Eye” on 18 April 2021.
- NZUSI Urology Post graduates online teaching session 1 - on 8 May 2021.
- NZUSI Urology Post graduates online teaching session 2 - on 23 May 2021.
- NZUSI Urology Post graduates online teaching session 3 - on 6 June 2021.
- NZUSI Urology Post graduates online teaching session 4 - on 6 June 2021.
- International updates on recent advances in Uro-oncology on 27 June 2021
- International Endourology – Past and Present on 25 July 2021 .
- World Robotic Symposium, 21 Aug 2021
- Annual Brazilian Conference, May 2021
- Annual Emirates Urology Conference, July 2021
- Recent International Update in metastatic CRPC, 23.10.21
- NZUSI physical cum hybrid midterm CME on Female Urology, at Sher-i-Kashmir Institute of Medical Sciences in Srinagar, 9-10.10.2021
- 31st Annual conference, Annual NZUSICON 2021, 16-18.12.2021
- Masterclass in metastatic Ca prostate – Annual Conference- USICON, 13.11.2021

##### **Dr. Pawan Vasudeva**

USICON, 12-14<sup>th</sup> Feb.2021

#### **RESEARCH: THESIS (ONGOING)**

- Dr Y M Prashanth-Outcomes of 3D laparoscopic transperitoneal donor nephrectomy in living donors- a prospective observational study, (Guide- Dr Anup Kumar), 2017-19
- Dr Kumar Saurav- Outcomes of 3D laparoscopic dismembered pyeloplasty for management of primrayuretero pelvic junction obstruction-a prospective study, , (Guide- Dr Anup Kumar), 2017-19
- Dr. Vishnu Prasad-Safety and efficacy of mirabegron in spinal cord injury patients with overactive bladder, (Guide- Dr Pawan Vasudewa), 2017-19
- Dr. Vijay Tyagi-Safety and efficacy of autologous

transobturator mid urethral sling for female stress urinary incontinence, (Guide- Dr Pawan Vasudewa), 2017-19

- Dr. Vijay Singh-Evaluation of outcomes of transperitoneal 3D laparoscopic partial nephrectomy- a prospective study, (Guide- Dr Anup Kumar), 2018-20
- Dr. Samarth Patel-Prospective evaluation of outcomes of transperitoneal 3D laparoscopic prostatectomy, (Guide- Dr Anup Kumar), 2018-20
- Dr. Prashant Yadav- (Guide- Dr Anup Kumar), 2018-20
- Dr. Sumedhankar Sagar-A prospective randomised study comparing two doses of botulinum toxin for the treatment of refractory overactive bladder in parkinsonism patients, (Guide- Dr. Pawan Vasudewa), 2018-20
- Dr Amitabh Kumar- A prospective randomized study comparing efficacy and safety of mirabegron versus darifenacin for the treatment of overactive bladder in patients with cerebrovascular accident, (Guide- Dr Pawan Vasudewa), 2018-20

#### RESEARCH: THESIS (COMPLETED)

- Dr Pankaj Gupta- Comparative study of complications in supracostal versus infracostal access approaches using percutaneous nephrolithotomy, (Guide- Dr Anup Kumar), 2016-2018

#### PUBLICATIONS OF FACULTY / RESIDENTS

- Kumar A, Patel VR, Panaiyadiyan S, Seetharam Bhat KR, Moschovas MC, Nayak B. Nerve-sparing robot-assisted radical prostatectomy: Current perspectives. *Asian J Urol.* 2021;8(1):2-13.
- Tandogdu Z, Collins J, Shaw G, Rohn J, Koves B, Sachdeva A, Ghazi A, Haese A, Mottrie A, Kumar A, et al. Management of patients who opt for radical prostatectomy during the coronavirus disease 2019 (COVID-19) pandemic: an international accelerated consensus statement. *BJU Int.* 2021;127:729-41.
- Yadav S, Kumar A. Editorial comment on Outcomes of ultrasound-guided percutaneous nephrolithotomy for treatment of large stones

within nonfunctioning atrophic kidneys 2021; 28(3):260.

- Yadav S, Kumar A. Editorial comment on "Efficacy of the opened legs position for protecting against post operative rhabdomyolysis after robot assisted radical prostatectomy: a propensity scores matched analysis of peri- operative outcomes" accepted for publication in *International Journal of Urology* 2021.
- Kanwar VS, Kumar A et al. Comparison of clinical outcomes of 2D,3D and Robot assisted Pyeloplasty – A propensity score matched single centre experience. *Intl J of Med Sci and Cur Res (IJMSCR).* 2021;4(6):903-8.
- Vasudeva P, Tyagi V, Kumar N, Yadav S, Prasad V, Iyer SG. "Mesh free" autologous transobturator mid urethral sling placement for predominant stress urinary incontinence: A pilot study. *NeurourolUrodyn.* 2021;40(2):659-65.
- Vasudeva P, Prasad V, Yadav S, Kumar N, Saurav K, Prashanth YM, et al. Efficacy and safety of mirabegron for the treatment of neurogenic detrusor overactivity resulting from traumatic spinal cord injury: A prospective study. *NeurourolUrodyn.* 2021;40(2):666-71.
- Vasudeva P, Kumar A, Yadav S, Kumar N, Chaudhry N, Prasad V, et al. Neurological safety and efficacy of darifenacin and mirabegron for the treatment of overactive bladder in patients with history of cerebrovascular accident: A prospective study. *NeurourolUrodyn.* 2021 Nov;40(8):2041-7.

#### Chapters in book

- **Kumar A, Yadav S.** Management of localized and locally advanced prostate cancer.
- *Handbook on Urological Malignancies.* Springer.

#### GUEST LECTURES DELIVERED BY THE FACULTY

##### Dr Anup Kumar

##### International

- Kumar A. Nerve sparing Robotic radical prostatectomy. *World Robotic Symposium*, 21 Aug 2021
- Robotic partial Nephrectomy – Annual Brazilian Conference, May 2021
- Robotic radical prostatectomy in locally advanced Ca prostate – Annual Emirates Urology Conference, July 2021

### **National**

- 3-D Lap– A game changer in Urology? - Annual USICON 2021, Delhi
- Robotic Adrenalectomy in pheochromocytoma- Annual USICON 2021, Delhi
- 3-D Lap radical prostatectomy – in PURE Urology Forum, 17 May 2021
- Early BCR –When to intervene? - International updates on recent advances in Uro-oncology on 27 June 2021
- Current status of metastatic Ca prostate -Recent International Update in metastatic CRPC on 23 Oct 2021
- Robotic anterior exenteration - Midterm CME on Female Urology, at Sher-i-Kashmir Institute of Medical Sciences in Srinagar on 9-10 Oct 2021.
- 3-D Lap radical prostatectomy – 7<sup>th</sup> Live Advanced Lapuroworkshop-17 Oct Ahmedabad
- Current status of 3-D Laparoscopy in Urology?- 31<sup>st</sup> annual conference, Annual NZUSICON 2021 on 16-18 Dec 2021, Hotel Le Meridian, New Delhi
- Current challenges in organ Donation in North India -31<sup>st</sup> annual conference, Annual NZUSICON 2021 on 16-18 Dec 2021, Hotel Le Meridian, New Delhi
- Robotic partial nephrectomy in complex hilar masses-31<sup>st</sup> annual conference, Annual NZUSICON 2021 on 16-18 Dec 2021, Hotel Le Meridian, New Delhi
- Role of Genetic testing in Ca prostate - Masterclass in metastatic Ca prostate – 13 Nov 2021.
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### **Guest lectures delivered by Dr.Pawan Vasudeva :**

#### **National**

- Lecture on "Medical Management of Neurogenic Bladder in the Paediatric population". 15<sup>th</sup> DUSCON, Delhi 25<sup>th</sup> December

### **New courses / subjects introduced during the year**

- Started First time in India, International Live 3-D Laparoscopic surgeries Web Cast, showing complex uro-oncology and reconstructive surgeries since 2018, twice in a month
- Started the National Laparoscopic training program for young urologists including wet lab

training, for the first time in India since July 2018.

- The department has also recently conducted successfully in 2018, first time in India, National Cadaveric Hands-on training laparoscopic program, involving both upper tract and lower tract surgeries.

### **SIGNIFICANT ACHIEVEMENT DURING THE YEAR**

- The department has started the First time in India, International Live 3-D Laparoscopic surgeries Web Cast, showing complex uro-oncology and reconstructive surgeries since 2018, twice in a month
- This has been integrated with the E-Health online education program of Ministry of Health and Family Welfare, Govt of India, now connected with 52 Medical colleges across India, first such program in Urology in India
- The department has started the National Laparoscopic training program for young urologists including wet lab training, for first time in India since July 2018
- The department has also recently conducted successfully, First time in India National Cadaveric Hands-on training laparoscopic program, involving both upper tract and lower tract surgeries
- Dr Anup Kumar has been appointed as Co-chairman of the committee to formulate standard treatment flowcharts for various diseases in Urology by NitiAyog, Ministry of Health and Family Welfare Govt of India and ICMR
- Dr. Anup Kumar has been appointed as National Convenor for Cancer registry for Urological Malignancies, appointed by Urology Society of India
- Dr. Anup Kumar has been appointed as National Convenor for promotion of Organ Donation Urology Society of India and NOTTO.
- Dr. Anup Kumar has been appointed as Expert panel member of the National Appellate authorization committee for Renal Transplant by ministry of Health and Family welfare, Govt of India
- Dr Anup Kumar has been appointed as Expert panel member of Apex Technical Committee to

## NOTTO

- Dr. Anup Kumar has the unique distinction in the country of formulating the National Standard Treatment Guidelines for Urology, for Ministry of Health and Family Welfare, Govt of India. ([https://www.aiimsrishikesh.edu.in/documents/8\\_urology\\_goi.pdf](https://www.aiimsrishikesh.edu.in/documents/8_urology_goi.pdf))
- Dr. Anup Kumar has been invited as National Operating Faculty in many conferences to show Live 3-D laparoscopic surgeries
- Dr. Anup Kumar has been appointed by NMC for inspection of various institutes across India to either start or to increase the number of seats in MCh Urology residency program.
- Dr. Anup Kumar has been appointed as Expert panel member of Apex Technical Committee to NOTTO
- Dr. Anup Kumar has been appointed as Expert panel member of the National Appellate authorization committee for Renal Transplant by ministry of Health and Family welfare, Govt of India
- Dr Anup Kumar was awarded the prestigious "Honorary Faculty of Eminence", the Biggest and most prestigious Urology Society of India -Indian School of Urology in 2021, for being the First Robotic mentor for training Young Urologists, in Indian, by Indian School of Urology -Urology Society of India
- Dr. Anup Kumar was felicitated by the Chief Guest, President Indian Medical Association Dr JA Jayalal, during 31 Annual conference of NZUSICON 2021, commemorating with 75 Diamond anniversary of Indian Independence, for exemplary contribution in field of Urology during Covid Pandemic and also felicitated on successful completion of his 2 years tenure of Honorary Secretary Urology society of India North Zone
- Dr. Anup Kumar has formulated Indian Ca Prostate Guidelines, as Convener appointed by Urology Society of India.
- Dr Anup Kumar was elected as the Council member of North Zone for Urology Society of India
- Dr Anup Kumar was selected as the Honorary Secretary of Genitourinary Cancer Surgeons of India (GUCSI)
- Dr. Anup Kumar was selected as the Council member of Robotic Urology Forum of India.



**Standing 1st row (Left to Right):** Dr R P Arora, Dr Anup Kumar (HOD), Dr Pawan Vasudeva  
**Standing 2nd row (Left to Right):** Dr Sandeep Kumar, Dr Siddharth Yadav, Dr YM Prashanth  
Dr Abhishek Johari, Dr Sumit Aggarwal

# **Samaritan Sciences**

- **Anaesthesiology, Intensive Care & Pain Medicine • Blood Bank**
- **College of Nursing • Dietetics • Nuclear Medicine**
- **Physical Medicine & Rehabilitation • Radiodiagnosis**



# Department of Anaesthesiology, Intensive Care & Pain Medicine

## **PRELUDE**

Department of Anaesthesiology and Intensive Care is the largest department of the hospital comprising of around 75 faculty, over 110 senior residents, over 150 junior residents and numerous technical staff. The department runs multiple operation theatres for various surgical specialties and super-specialties including emergency theatres. There are multiple ICUs, red zones in casualty, PAC clinics, pain clinics and palliative care under this department, with round the clock coverage in all areas of emergency.

The faculty of the department is actively involved in teaching and training, especially skill-based learning. One of the best examples of this is the hospital wide Basic Life Skills (BLS) training undertaken by the department. There is also a centre for training under the Indian Resuscitation Council. There are numerous BLS/ACLS, COLS, ATLS and NELS certified faculty in the department, apart from qualified Intensivists taking care of the huge Intensive Care sub-division. The department takes part in multiple training

programmes/conferences/workshops on a regular basis and the faculty, senior residents and junior residents are encouraged to upgrade their CME/CPD (Continued Medical Education/Continued Professional Development).

## **LOCATION OF THE DEPARTMENT**

The office of the Department of Anaesthesia is located on the ground floor in the main Operation Theatre building, which is situated between New Emergency Block (NEB) and Central Institute of Orthopaedics (CIO). This area houses the office of the HOD, rooms for various faculty, a faculty common room, pain clinic, PAC clinic, departmental store, and a skill lab for training purposes. There are 4 non- COVID ICUs under the department, 3 of which are in the NEB and 1 in Super-Specialty Block (SSB).

## **SERVICES OFFERED BY THE DEPARTMENT**

The department of Anaesthesiology and Intensive Care offers multiple services throughout the hospital, in various buildings.

**The department runs selective operation theatres, during routine hospital hours, for the various surgical specialties and super-specialties.**

- General surgery – main OT building
- Oncosurgery – main OT building
- Urology – in SSB
- Neurosurgery – in SSB
- Cardio-thoracic and Vascular Surgery – in SSB
- ENT – main OT building
- Gynaecology and Obstetrics – in their department
- Ophthalmology - OPD building
- Orthopaedics – main OT building
- Paediatric Surgery – main OT building
- Burns and Plastic Surgery - in their department
- Sports Injury Centre - in their department

**Apart from these, round-the-clock emergency operation theatres are run in the following areas.**

**These are manned by adequate senior and junior residents on floor, and faculty on-call.**

- New Emergency Block (7 OTs for all surgical specialties)
- Maternity block (2 OTs)
- 1 OT in Super-Specialty Block (for CTVS).

Qualified technical staff, managed by the department are posted in each OT. The OTs also have latest equipment like video laryngoscopes, portable ultrasounds and fiberoptic bronchoscopes, along with other latest airway devices.

Apart from OTs, the department runs multiple ICUs. There are 50 non-COVID ICU beds, spread out in 4 different ICUs (3 in NEB and 1 in SSB). The ICUs are manned round-the-clock by residents on floor and faculty rounds regularly, including weekends and holidays. These units accept patients from all medical and surgical specialties, based on triage and availability of beds. Each ICU bed has a high-end ventilator, and the ICU units have facility of fiberoptic bronchoscopy as well as portable ultrasound and point-of-care testing equipment.

The COVID ICU was set up in SSB by the Department of Anaesthesiology in Feb 2020. The number of beds have been increased as per the COVID cases in the country. At the peak of second wave, the department was running an 80 bedded COVID ICU facility, with round-the-clock coverage. The COVID ICUs were

provided with portable ultrasounds, video laryngoscopes and point-of-care testing equipment.

The department also mans the Red Zone or Examination Hall-1 in casualty of NEB. this zone receives the unstable and sick patients received in the casualty. The anaesthesiology doctors posted here stabilize the patients and then shift them to their respective specialties. This zone also has full time coverage by residents with on-call faculty. Red zone also has a portable ultrasound and point-of-care testing facility.

Apart from these emergency zones, the department also provides resident posting in cardiac cath labs for emergency cardiac catheterizations and procedures. Also, round-the-clock anaesthesia residents are posted in CTVS ICU for assistance to surgeons in running the ICU. Residents are also posted in the radiology suite for getting CT, MRI, DSA and interventional radiological procedures done under sedation and anaesthesia.

The department also runs a Pre-Anaesthetic Check-up (PAC) Clinic in the department for assessment of patients scheduled for surgeries. Apart from this, a Pain Clinic is run under the department, where apart from prescription medication, various interventional procedures are performed. An ultrasound is dedicated to the Pain Clinic. The department also has a Palliative Care clinic which caters to the terminal malignancy patients amongst others for pain relief. Many interventional procedures are performed by the palliative care team.

#### **FACULTY**

- **Dr. Nidhi Aggarwal**, Specialist Grade-I & Professor
- **Dr. Shipra Aggarwal**, Professor & Assoc. Professor
- **Dr. Gaurav Arora**, Cmo (Nfsg)
- **Dr. Neha Baduni**, Asstt. Professor & Asstt. Professor
- **Dr. Sushmita Bairagi**, Asstt. Professor Ad-Hoc
- **Dr. J.K. Bajaj**, Consultant & Professor
- **Dr. Madhu Bala**, Assoc. Professor & Asstt. Professor
- **Dr. Ira Balakrishnan M.**, Assoc. Professor & Asstt. Professor

- Dr. Charu Bamba, Consultant & Professor
- Dr. Sonali Banwait, Assoc. Professor
- Dr. Sapna Bathla, Assoc. Professor
- Dr. Udismita Baruah, Assoc. Professor
- Dr. P.S. Bhatia, Consultant & Professor
- Dr. Diksha Bigamal, Asstt. Professor
- Dr. Nikhilesh Chandra, CMO (SAG)
- Dr. Mahesh Chandra, Assoc. Professor
- Dr. Renu Chauhan, Asstt. Professor
- Dr. Priyanka H. Chhabra, Assoc. Professor
- Dr. Pratiti Choudhuri, Assoc. Professor
- Dr. Arin Choudhury, Assoc. Professor
- Dr. Vanya Chugh, Assoc. Professor
- Dr. Niti Dalal, Asstt. Professor Ad-Hoc
- Dr. Madhu Dayal, Specialist Gr-I & Professor
- Dr. Sahil Diwan, Assoc. Professor
- Dr. Ranju Gandhi, Professor
- Dr. Anoop R. Gogia, Consultant & Professor
- Dr. Amita Gupta, Consultant & Professor
- Dr. Arushi Gupta, Professor
- Dr. Kapil Gupta, Professor
- Dr. Poonam Gupta, Consultant & Professor
- Dr. Pramod Gupta, Consultant & Professor
- Dr. Shweta Gupta, SMO
- Dr. Sushil Guria, Sr. Specialist Gr-I & Assoc. Professor
- Dr. Mansi Jain, Asstt. Professor
- Dr. Shruti Jain, Assoc. Professor
- Dr. Swati Jain, Asstt. Professor
- Dr. Binita Jaiswal, Specialist Gr-III
- Dr. Amandeep Jaswal, Assoc. Professor
- Dr. Nishtha Kachru, Assoc. Professor
- Dr. Mahak Kakkar, Asstt. Professor
- Dr. Suniti Kale, Consultant & Professor
- Dr. Wahaja Ahmed Karim, Asstt. Professor
- Dr. Deepa K. Khurana, Assoc. Professor
- Dr. Santvana Kohli, Assoc. Professor
- Dr. Bhavya Krishna, Asstt. Professor
- Dr. Ajay Kumar, Assoc. Professor
- Dr. Krishan Kumar, CMO (SAG)
- Dr. Meenakshi Kumar, Consultant & Professor
- Dr. Pravin Kumar, Assoc. Professor
- Dr. Surinder Kumar, SMO
- Dr. Virender Kumar, CMO (SAG)
- Dr. Dharam Singh Meena, Director Professor

- Dr. Meenakshi Mourya, Specialist
- Dr. Pratibha Mudgal, Asstt. Professor
- Dr. Parul Mullick, Professor
- Dr. Saurav Mitra Mustafi, Assoc. Professor
- Dr. Pavan Nayyar, Consultant
- Dr. Dimple Pande, Assoc. Professor
- Dr. Smita Prakash, Consultant & Professor
- Dr. Mamta Panwar, Professor
- Dr. Saveena G. Raheja, CMO (SAG)
- Dr. Nikki Sabharwal, Consultant & Professor
- Dr. Hc Sachdeva, Consultant & Professor
- Dr. Ghanshyam Sahu, Asstt. Professor
- Dr. Deepti Saigal, Professor
- Dr. Suman Saini, Professor
- Dr. Anita Seth, Consultant & Professor
- Dr. Kavita Rani Sharma, Director Professor
- Dr. Sandeep Sharma, SMO
- Dr. Vibhuti Sharma, Assoc. Professor
- Dr. R.P. Singh, Consultant & Professor
- Dr. Vandana Talwar, Consultant & Professor
- Dr. G. Usha, Consultant & Professor
- Dr. Abhishek Verma, Assoc. Professor
- Dr. P.K. Verma, Consultant & Professor
- Dr. Manisha, Assoc. Professor

#### **NEW ADDITION TO THE FACULTY**

- Dr. Kavita Rani Sharma, Director Professor
- Dr. Renu Chauhan, Asstt Professor Ad-Hoc

#### **FACULTY MEMBERS WHO LEFT THE DEPARTMENT**

- Dr. Anoop Raj Gogia, Consultant & Professor
- Dr. Sitalaksmi, CMO (SAG)
- Dr. Nikhilesh Chandra, CMO (SAG)

#### **APPOINTMENT OF FACULTY TO HIGHER POSTS/ASSIGNMENT OUTSIDE PROMOTIONS**

##### **Dr. Nikhilesh Chandra**

- Additional MS

##### **Dr. Sapna Bathla**

- Deputy Quality Manager
- Specialist Board Member in Discipline of Paediatric Anaesthesia ByNbems (National Board)
- Section Editor for Paediatric Anaesthesia Section In IJA Editorial Board

#### **VISITING FACULTY ASSIGNMENTS**

#### **Dr. Vandana Talwar**

- Faculty in the specialty of Anaesthesiology for the NBE in assessing the Theses submitted by DNB Anaesthesiology Trainees.'20, 21
- Appointed as Chairman Board of Examiner and Internal Examiner by Guru Gobind Singh Indraprastha University in Practical Examination/ Viva Voce for MD Anaesthesiology exam held in VMMC and SJH on 16th to 18th July'21 and Internal examiner for the Supplementary exam held on 1st November'21.

#### **Dr. Sapna Bathla**

- Faculty in 2nd Paediatric Peri operative life support workshop (e-PPLS) on virtual mode on 10-11 April 2021.
- Speaker in the webinar by The Indian College of Anaesthesiologists (ICA) on 'Perioperative concerns in paediatric anaesthesia' on 8th September 2021.
- Faculty and session speaker in orientation and clinical posting session for MBBS students.
- Initiated the project of Accreditation of emergency services (NEB) as a nodal officer and conducted the first meeting with OIC NEB and other staff.
- Drafted the proposal for Emergency medicine Department as assigned by Principal office.
- Admission officer for 1st round of online UG counselling session wef 30th Jan -4th Feb 2022 assigned through Principal office.
- Nominated as a specialist Board Member in discipline of Paediatric Anaesthesia by NBEMS (National board).
- Nominated as a section editor for Paediatric Anaesthesia section in IJA Editorial Board.
- Designated as Deputy Quality manager at VMMC and Safdarjung hospital.

#### **ASSIGNMENT IN ACADEMIC ASSOCIATIONS:**

- Dr. Nikki Sabharwal, President, ISA (Indian Society of Anaesthesiologists), July 2020 – Oct 2021
- Dr. G. Usha, Vice-President, ISA, July 2020 – Oct 2021
- Dr. Parul Mullick, Editor, ISA Newsletter, July 2020 – Oct 2021

- Dr. Vandana Talwar, Scientific Chairperson, Delhi ISACON 2021, 15-17 October 2021
- Dr. Saveena G. Raheja, Organizing Secretary, 15-17 October 2021
- Dr. Kapil Gupta, Organizing Joint Sec., 15-17 October 2021
- Dr. Ranju Gandhi, GC Member South, ISA, Permanent.

#### **DISTINCTIONS ACHIEVED BY THE MEMBERS OF THE FACULTY (AWARDS)**

##### **Dr. Nikki Sabharwal**

- Certificate Of Appreciation for Valuable Contribution For NABH Standards Implementation October 2021
- Proficiency Award for Holding Delhi ISACON 2021 By Isa National October 2021

##### **Dr. Vandana Talwar**

- TN JHA Memorial Award (Dr. Sakshi Gupta) October 2021

##### **Dr. Smita Prakash**

- Won Prize on Theme: "Leave No One Behind" On World Hospice And Palliative Care Day 9th October 2021

##### **Dr. Pramod Gupta**

- Editor IJCAB Selection March 2021

##### **Dr. Santvana Kohli**

- 1st Prize in Om (One Minute) Presentation in Delhi Isacon 15-17th October 2021

##### **Dr. Mahesh Chandra**

- Yuvacon Award for Best Innovation at Delhi Isacon 15-17th October 2021
- Dr. Priyanka H. Chhabra
- DCCS (Delhi Critical Care Society) For Obstetric Critical Care Champ.

##### **Dr. Deepa K. Khurana**

- Commonwealth Scholar 2018-2021

##### **Dr. Sapna Bathla**

- Certificate Of Appreciation for Valuable Contribution For Nabh Standards Implementation

#### **OTHER DISTINCTIONS**

##### **Completed Basic Course in Biomedical Research, ICMR NIE**

Dr. Sushil Guria, Dr. Santvana Kohli, Dr. Sahil Diwan, Dr. Amandeep, Dr. Ajay Kumar, Dr. Priyanka H. Chhabra, Dr. Sapna Bathla

## SEMINARS / CONFERENCES / WORKSHOPS

### CMEs HELD IN THE DEPARTMENT

Monthly ISA Clinical Meets Every Month

- Alisha Training for Paramedics by Delhi Government and Ggsipu July-December 2021
- Delhi ISACON (Virtual) Organized by The Department 15-17th October 2021
- Cme On World Hospice and Palliative Care Day 2021 October 2021
- World Anaesthesia Day Cultural Programme-16th October 2021
- Workshop On "Advanced Ultrasound Guided Blocks" By ICACON 17th December 2021
- BLS Training for Whole Hospital Ongoing

### SEMINARS / CONFERENCES / WORKSHOPS/

#### CMEs ATTENDED BY THE FACULTY:

- AOA 2021 9-10th January, 2021, Dr. Pramod Gupta
- Lecture on Fiberoptic bronchoscopy, APPEC 2021, RML Hospital 10th February, Dr. Nidhi Aggarwal
- CRITICARE 2021 (Virtual) 26-28th February, 2021(Workshops on 24-25th February), Dr. Pramod Gupta Dr. Ranju Gandhi, Dr. Santvana Kohli, Dr. Ajay Kumar, Dr. Saurav Mitra, Dr. Sahil Diwan, Dr. Amandeep, Dr. Mahesh, Dr. Pravin Kumar
- Cancer Pain Management, by ISSP Chandigarh 23rd January, 2021, Dr. Pramod Gupta
- RACPCON 6-7th March, 2021, Dr. Pramod Gupta
- IPA Paeds Conference 27-28th March, 2021, Dr. Pramod Gupta
- AORA - AOSRA Conference, Mumbai, 16-18th April, Dr. Sushil Guria
- Virtual Workshop "A Practical Approach to Quality Improvement and Performance Management" Organised by IAPA Conducted by Faculty of Wake Up Safe, Society of Pediatric Anesthesiologists, USA 24th April 2021 Dr. Sapna Bathla
- IAPA Midterm meeting conducted by IAPA Delhi and Rainbow Hospital August 2021, Dr. Sapna Bathla
- TOT workshop for UG students August 2021 Dr. Parul Mullick
- LARC-MTV 2021 at LHMC, Delhi 4-8th October

2021, Dr. Vandana Talwar, Dr. Smita Prakash, Dr. Charu Bamba, Dr. Shipra Aggarwal, Dr. Anjali Kochhar, Dr. Vanya Chugh

- 60th Annual Conference of ISACON Delhi Branch (virtual) 15-17th October 2021, Whole Department
- 68th annual ISACON, Ahmedabad November 2021, Dr. Sapna Bathla
- "Ethical and Legal Considerations in Anaesthesia" organized by Institute of Anaesthesiology, Pain and Perioperative Medicine, Sir Ganga Ram Hospital, N. Delhi 21st November 2021, Dr. Vandana Talwar (faculty speaker)
- ICACON Workshop on "Advanced Ultrasound Guided Blocks", by MAMC, New Delhi. 17th December 2021, Dr. Ameeta Sahni, Dr. Arushi Gupta, Dr. Shipra Aggarwal, Dr. Deepti Saigal, Dr. Sahil Diwan, Dr. Santvana Kohli, Dr. Priyanka H. Chhabra, Dr. Nishtha Kachru, Dr. Shruti Jain, Dr. Anjali Kochhar
- ICACON Eros Hotel 18-19th December 2021, Dr. Vandana Talwar Dr. Smita Prakash, Dr. Deepti Saigal (faculty speaker)

#### RESEARCH: THESIS:

- Dr Chandan Kumar, MD Anaesthesia, 2020-23, Dr Vandana Talwar [Supervisor] Ongoing
- Dr Mayank Rajpal, MD Anaesthesia, 2020-23, Dr Vandana Talwar [Supervisor] Ongoing
- Dr Kalwal Vijaya laxmi, MD Anaesthesia, 2020-23, Dr. Vandana Talwar [Supervisor] Ongoing
- Dr Abhijit, DNB Critical Care, 2044107381, Dr Poonam Gupta [Supervisor] Ongoing
- Dr. Maria Paul, MD (Anaesthesiology) 2020-23 Dr. Charu Bamba [Supervisor] Ongoing
- Dr. Sreeparvathi, MD (Anaesthesiology) 2020-23, Dr. Charu Bamba [Supervisor] Ongoing
- Dr. Shrishti Tiwari, MD Anaesthesiology 2020-23 Dr. Charu Bamba [Supervisor] Ongoing
- Dr Toko Nem, MD Anaesthesiology 2020-23 Dr. Nidhi Agrawal [Supervisor] Ongoing
- Dr Prashant Kumar, MD Anaesthesiology, 2020-23, Dr. Nidhi Agrawal [Supervisor] Ongoing
- Dr Animesh Tah, MD Anaesthesiology, 2020-

- 23Dr. Nidhi Agrawal [Supervisor] Ongoing
- Dr. Vijetha Gonabal, Comparison of PENG and SFICB block for hip and proximal femur surgeries for post-operative analgesia.2020-23Dr. Shipra Aggarwal [Supervisor] Ongoing
- Dr Nikitha Vasan Comparative evaluation of two doses of i/v dexamethasone for postop analgesia in patients undergoing LSCS under spinal anaesthesia.2020-23 Dr. Meenakshi Kumar [Supervisor] Ongoing
- Dr. Renuka Choudhary Comparison of two doses of dexmed for prevention of postop shivering in adult patients after general anaesthesia. 2020-23 Dr. Meenakshi Kumar [Supervisor] Ongoing
- Dr. Tanmay Yadav Comparison of IV dexmed with dexmed-dexa combination for prevention of postop nausea and vomiting in adult patients after abdominal surgeries. 2020-23 Dr. Meenakshi Kumar[Supervisor] Ongoing
- Dr. Sanjana S. Effect of Remote Ischemic Preconditioning on postoperative renal function and cardiac biomarkers in adult patients undergoing valvular heart surgery.2021-24. Dr. Meenakshi Kumar[Supervisor] Ongoing
- Dr. Aditya NR, Effect of Prophylactic Passive Leg Raising manoeuvre on haemodynamic variables during anaesthesia induction in adult cardiac surgery patients.2021-24 Dr. Meenakshi Kumar [Supervisor]Ongoing
- Dr. Akshay Yadav Effect of Intravenous Tranexamic Acid on Blood loss in adult patients undergoing excision of intracranial meningioma 2021-24 Dr. Meenakshi Kumar[Supervisor] Ongoing
- Dr. Guneet Kalra, MD, 2020-23, Dr. Nikki Sabharwal [Supervisor] Ongoing
- Dr. Mahima Agarwal, MD, 2020-23, Dr. Nikki Sabharwal Ongoing
- Dr. Arjun Kumar, M.D, 2020-23, Dr. Madhu Dayal [Supervisor] Ongoing
- Dr. Pooja Ranakoti, M.D., 2020-23, Dr. Madhu Dayal[Supervisor] Ongoing
- Dr. Oshien Bhanu M.D., 2020-23 Dr. Madhu Dayal[Supervisor] Ongoing
- Dr. Prashant Kumar, Comparative evaluation of pharyngoscopic insertion characteristics of PLMA via conventional laryngoscope vs videolaryngoscope 2021-24 Dr. Mamta Panwar[Supervisor] Ongoing
- Dr. Parul Tanwar A comparative evaluation of modified Mallampati score with laryngeal view using conventional and video laryngoscopy. 2020-23, Dr. Mamta Panwar[Supervisor] Ongoing
- Dr. Devaunshi, MD, 2020-23, Dr. Amita Gupta [Supervisor] Ongoing
- Dr. Akshay, MD, 2020-23, Dr. Amita Gupta[Supervisor] Ongoing
- Dr. Sai Mandala, MD, 2020-23, Dr. Amita Gupta [Supervisor] Ongoing
- Dr. Rojalin The effect of lubrication on the ease of removal of a bougie from the endotracheal tube during intubation. 2020-23 Dr. Ameeta Sahni[Supervisor] Ongoing
- Dr. Arti Kumari, MD Anaesthesia, 2020-23, Dr. PS Bhatia [Supervisor] Ongoing
- Dr. Lavanya, MD Anaesthesia, 2020-23, Dr. PS Bhatia[Supervisor] Ongoing
- Dr. Gursharan Singh, MD Anaesthesia, 2020-23 Dr. Pawan Nayar [Supervisor] Ongoing
- Dr. Surana Subrat Kumar, MD Anaesthesia, 2020-23, Dr. Pawan Nayar[Supervisor] Ongoing
- Dr. Sherhabeel Salwan Usman, Effect of oral carbohydrate intake on preoperative wellbeing in parturients undergoing elective caesarean delivery under spinal anaesthesia, 2020-23, Dr. Parul Mullick [Supervisor] Ongoing
- Dr. Siva Kumar P, Effect of preoperative video-based education about spinal anaesthesia on anxiety in parturients undergoing caesarean section under spinal anaesthesia, 2020-23, Dr. Parul Mullick [Supervisor] Ongoing
- Dr. Alwin Thomas, A comparison of the effect of preoperative administration of fixed dose with weight adjusted dose of intravenous ondansetron in prevention of post spinal hypotension in parturients undergoing caesarean delivery under spinal anaesthesia, 2020-23, Dr. Parul Mullick [Supervisor] Ongoing
- Dr. Chanpreet Dhaliwal, Comparative evaluation

nerve block for prevention of adductor muscle spasm in patients undergoing transurethral resection of bladder tumour surgery 2020-23, Dr. Sushil Guria [Supervisor] Ongoing.

#### **PUBLICATIONS OF FACULTY/RESIDENTS**

- Prakash S, Mullick P, Virmani P, Talwar V, Singh R. Effect of pre-treatment with a combination of fentanyl and midazolam for prevention of etomidate-induced myoclonus. *Turk J Anaesthesiol Reanim* 2021;49(1):11-7.
- Junior MM, Kumar A, Kumar P, Gupta P. Assessment of delirium as an independent predictor of outcome among critically ill patients in Intensive care unit: A prospective study. *Indian J Crit Care Med* 2021.
- Agrawal N, Saini S, Gupta A, Kabi A, Girdhar KK. Comparison of C-MAC D-Blade with Macintosh laryngoscope for endotracheal intubation in patients with cervical spine immobilization: A randomized controlled trial. *Trends in Anaesthesia and Critical Care* 2021;37:35-41.
- Bathla S, Das AK, Mullick P, G Usha. A case series: our experience as anesthesiologist in management of obstetric surgical patients in COVID-19 era. *IJAR* 2021 ;11(1):1-3.
- Talwar V, Mustafi SM, Choudhury A, Jain S, Kumar A. Outcome of COVID-19 associated severe ARDS: A case series. *Anaesth. pain intensive care* 2021;25(2):199-202.
- Surabhi S, Kumar M. Comparison of Ringer's lactate and Plasmalyte A as cardiopulmonary bypass associated acidosis in valve replacement surgeries. *Ann Card Anaesth* 2021;24(1):36-41.
- Das AK, Sabharwal N, Kumar M. Airway changes before & after delivery-does labour has any effect on the modified mallampati score? *Journal of Obstetric Anaesthesia and Critical Care* 2021;11(2):90-5.
- Saini S, Rao SM, Agrawal N, Gupta A. Comparison of analgesic efficacy of shoulder block versus interscalene block for postoperative analgesia in arthroscopic shoulder surgeries: A randomised trial. *Indian J Anaesth*; 2021; 65(6):451-7.
- Saini S, Gupta A, Rao SM, Krishna B, Raheja S, Malhotra RK, et al. Comparison of Analgesic Efficacy of Ultrasound-Guided Interscalene Block Versus Continuous Subacromial Infusion for Postoperative Analgesia Following Arthroscopic Rotator Cuff Repair Surgeries: A Randomized Trial. *Cureus* 2021;13(2):e13500.
- Panjiar P, Bhat KM, Yousuf I, Kochhar A, Ralli T. Study comparing different airway assessment tests in predicting difficult laryngoscopy: A prospective study in geriatric patients. *Indian J Anaesth* 2021;65(4):309-15.
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#### FULL PAPER PUBLICATIONS IN CONFERENCE PROCEEDINGS

##### Dr. Vandana Talwar

- Ultrasonographic assessment of diaphragmatic parameters for predicting weaning outcome in



patients on mechanical ventilation in the ICU setting. Published in Indian Journal of Anaesthesia: TN JHA AND KP CHANSORIA TRAVEL GRANT AWARD ABSTRACTS.

- Participated in the TN Jha Competition and presented "Ultrasonographic assessment of diaphragmatic parameters for predicting weaning outcome in patients on mechanical ventilation in the ICU setting" at the in the 60th Annual Conference of Indian society of Anaesthesiologists (Delhi Branch), ISACON Delhi 2021, held Online from 15th to 17<sup>th</sup> October'21. By Dr. Sakshi Gupta
- Free paper presentation on "To compare the influence of head and neck position on the performance of three Supraglottic Airway Devices (SAD) – Ambu Aura Gain, Proseal Laryngeal Mask Airway (PLMA) and I-gel in adult patients undergoing elective surgery" at the 60th Annual Conference of Indian society of Anaesthesiologists (Delhi Branch), ISACON Delhi 2021, held Online from 15th to 17<sup>th</sup> October'21. By Dr. Neha
- Free paper presentation on "Comparative evaluation of dexmedetomidine and ketamine on haemodynamic changes and analgesic requirement in patients undergoing dorsolumbar spine surgery" at the 60th Annual Conference of Indian society of Anaesthesiologists (Delhi Branch), ISACON Delhi 2021, held Online from 15th to 17<sup>th</sup> October'21. By Dr. Mohammed Gayaz
- Dr. Santvana Kohli – Presented "Airway Ultrasound" in Delhi ISACON 2021 and won the 1<sup>st</sup> prize.
- Dr. Mahesh and Dr. Mansi Jain - presented "Innovations in Anaesthesia" at YUVA CON session in Delhi ISACON 2021 and won 1<sup>st</sup> prize.
- Dr. Saurav M. Mustafi - Predictive factors of COVID positivity and mortality in severe acute respiratory illness patients- won 2<sup>nd</sup> prize.

#### POSTER PRESENTATION

- Dr. Vandana Talwar- Poster on POST VACCINATION GBS at the 60th Annual Conference of Indian society of Anaesthesiologists (Delhi Branch), ISACON

Delhi 2021, held Online from 15th to 17<sup>th</sup> October'21. By Dr. Sakshi Gupta

#### SCIENTIFIC WRITINGS IN SCIENCE MAGAZINES

##### Monthly ISA newsletter

- Dr. Nikki Sabharwal - President
- Dr. G. Usha – Vice President
- Dr. Parul Mullick – Editor
- Dr. Amandeep, Dr. Ira, Dr. Arin, Dr. Mahesh – Editorial board
- Dr. Harish C. Sachdeva, Dr. Santvana – article on COVID-19 and the intensivist
- Dr. Madhu Dayal, - article on Palliative care – Human perspective
- Dr. Anjali Kochhar – article on Simulation for teaching and training in anaesthesiology.
- Dr. Sapna Bathla – Contributed and published a Picture quiz in IAPA 12<sup>th</sup> Newsletter in August 2021. - Published a case report in 12<sup>th</sup> Newsletter of IAPA August 2021 issue. Published an article in ISA Delhi Newsletter on Quality in Anaesthesia.

#### CHAPTERS IN BOOKS

- Dr. Harish C. Sachdeva, Dr. Santvana Kohli, Dr. Sahil Diwan  
Chapter on "Etiopathogenesis of COVID-19" in "Essentials of COVID-19 for Anaesthesiologists", Century Publications 2021.
- Dr. Saurav Mitra Mustafi, Dr. Ajay Kumar  
Chapter on "Clinical Features of COVID" in "Essentials of COVID-19 for Anaesthesiologists", Century Publications 2021.
- Dr. Pratiti Choudhuri  
Contributed as an author of a chapter in 'Clinical Anesthesia', South Asian Edition, Barash PG, Cullen BF, Stoelting RK et al (editors) with Gupta N, Gupta A (SAE ed), Wolter Kluwer Publishers, 2021.
- Dr. Priyanka H. Chhabra - Metabolic emergencies in patients with onco critical care in Critical care update book by ISCCM.
- - Telemedicine in present scenario– in critical care update book by ISCCM.
- Dr. Smita Prakash - Chapter 54- Anesthesia for patients with burns in Comprehensive Clinical Anesthesia Editors: AP Kulkarni, V Agarwal, VP

Patil, JV Divatia (2021)

#### **GUEST LECTURES DELIVERED BY THE FACULTY**

##### **DR. VANDANA TALWAR**

- Speaker on "Confidentiality & its Complexities" at 'ANAESTHESIA UPDATE 2021' on "Ethical and Legal Considerations in Anaesthesia" organized by Institute of Anaesthesiology, Pain and Perioperative Medicine, Sir Ganga Ram Hospital, New Delhi, on 21<sup>st</sup> November, 2021 at Sir Ganga Ram Hospital.
- Speaker on "Antibiotic stewardship – approach and diagnostic techniques" at the 2<sup>nd</sup> International and 12<sup>th</sup> National Conference of the Indian College of Anaesthesiologists (ICA) – ICACON 2021, organized by Department of Anaesthesiology and Intensive Care, MAMC, New Delhi on 18<sup>th</sup> and 19<sup>th</sup> December'21 at Eros Hotel, Delhi.

##### **DR. SMITA PRAKASH**

- Faculty in LHMC Anaesthesia Refresher Course with Theme: Mastering Table Vivas on 4 to 8 Oct 2021.
- Judge of free paper session on 17 Oct as part of ISACON 2021 and World Anaesthesia Day celebrations 15 to 17 Oct 2021.
- Judge for Poster session in ICACON 2021 held on 17 to 19 Dec 2021.
- Participated as panellist in Panel discussion "High risk obstetric Anaesthesia: Uniform learning initiatives for reducing morbidity and mortality" on 19 Dec 2021 in 2<sup>nd</sup> International and 12 National Conference of Indian College of Anaesthesiologists (ICACON 2021).

##### **DR. DEEPTI SAIGAL**

- Faculty speaker at the 12th National and 2nd International Physical Conference of the Indian College of Anaesthesiologists, ICACON 2021 organized by Department of Anaesthesiology, Maulana Azad medical College on 19th December 2021 at Eros Hotel, New Delhi. (Topic: Muscle Relaxant free GA as the future of Anesthesia Practice –CON)
- Faculty speaker at MAMC Anaesthesia update February 2022, organized by Department of Anaesthesiology, Maulana Azad medical College.

(Topic: Tec vaporizers)

##### **DR. SAPNA BATHLA**

- Faculty and took a Session in CME on Paediatric topic in Annual National conference of ISACON, held by Ahmedabad on Paediatric obesity and anaesthesia concerns.
- Faculty in 2<sup>nd</sup> Paediatric Peri operative life support workshop (e-PPLS) on virtual mode on 10-11 April 2021.
- Speaker in the webinar by The Indian College of Anaesthesiologists (ICA) on 'Perioperative concerns in paediatric anaesthesia' on 8th September, 2021.
- Invited as a faculty and speaker in CNE to deliver a talk on Quality and performance improvement in critical care nursing on 5<sup>th</sup> Jan 2022 at VMMC and Safdarjung Hospital, Delhi.

##### **DR. SHIPRA AGGARWAL**

- Took ACLS and BLS as a faculty as a part of LARC in November 21.
- DR. PRIYANKA H. CHHABRA –
- Delivered faculty lecture in NOTTO ( National organ Transplant organization) Intensivist training program on Brain death.

#### **GUEST LECTURES ORGANIZED BY THE DEPARTMENT**

- **DR. RAKESH GARG (IRCH, AIIMS)** – difficult airway guidelines, virtual) – November 2021

#### **ANY SIGNIFICANT FACILITY CREATED IN THE CURRENT YEAR:**

- Safdarjung made training centre for irc (indian resuscitation council) training – october 2021

#### **SOCIAL/PUBLIC SERVICE DONE BY THE DEPARTMENT:**

- BLS TRAINING OF ENTIRE HOSPITAL - UNDERGOING
- COLS (compression only life support) training for bystanders
- ALISHA training for paramedical staff organized by DELHI GOVT AND GGSIPU

#### **SIGNIFICANT ACHIEVEMENTS DURING THE YEAR**

Department of Anaesthesia and Intensive Care is a multi-faceted department of the hospital with

extensive clinical and academic achievements. Even during the peaks and troughs of COVID pandemic, the department residents and faculty have maintained the COVID and non-COVID services with full vigour. Apart from this, the highlight of the year was the fact that this department was the office-bearer of Indian Society of Anaesthesiologists (ISA, Delhi branch) from July 2020 to October 2021, under the guidance of Dr. Nikki Sabharwal as President, Dr. G. Usha as Vice-President and Dr. Parul Mullick as Editor of ISA Newsletters. During this time, the department organized multiple CMEs and clinical meets in different hospitals of Delhi on at least a monthly basis. All this culminated in the 60<sup>th</sup> Annual ISACON, Delhi

branch organized by our department on a virtual platform from 15-17<sup>th</sup> October 2021, with the theme "The Millennial Anaesthesiologist: A Versatile Saviour". The conference included an academic feast organized by the Scientific Chairperson, Dr. Vandana Talwar, along with cultural programme on World Anaesthesia Day on 16<sup>th</sup> October. The conference was a grand success and appreciated by one and all. Apart from this, the department has always taken a keen interest in teaching Life Saving skills by BLS training of the whole hospital, COLS training of bystanders, ALISHA training for paramedics and establishing Safdarjung as a center for Indian Resuscitation Council.



**Sitting L to R**

Dr. Sujata Chaudhary, Dr. Ameeta Sahni, Dr. Virender Kumar, Dr. Anita Seth  
 Dr. Harish C. Sachdeva, Dr. Nikki Sabharwal, Dr. Vandana Talwar, Dr. Suniti Kale, Dr. RP Singh,  
 Dr. Smita Prakash, Dr. Saveena G. Raheja  
 sukanya gangopadhyay: Standing row 1

**Standing 1st Row, L to R**

Dr. PS Bhatia, Dr. Pratiti Choudhuri, Dr. Nishtha Kachru, Dr. Arushi Gupta, Dr. Charu Bamba, Dr. Kavita Rani Sharma, Dr. Dharam Singh Meena, Dr. Krishan Kumar, Dr. Meenakshi Kumar, Dr. Ranju Gandhi, Dr. Deepa K Khurana, Dr. Binita Jaiswal, Dr. Meenakshi Mourya, Dr. Deepti Saigal, Dr. Preeti Thakur, Dr. Poonam Gupta

**Standing 2nd Row, L to R**

Dr. Suman Saini, Dr. Madhu Dayal, Dr. Santvana Kohli, Dr. Priyanka H Chhabra, Dr. Shweta Gupta, Dr. Sushil Guria, Dr. Praveen Kumar, Dr. Anjali Kochhar, Dr. Arin Choudhury, Dr. Mahesh Chandra, Dr. Mahak Kalra, Dr. Madhu Bala

# Blood Bank

## • **FACULTY MEMBERS CURRENTLY IN THE DEPARTMENT**

- **Dr. Sachin Bajaj**, Senior Medical Officer
- **Dr. Kapil Jagga**, Senior Medical Officer
- **Dr. Sunil Ranga**, Consultant, Professor & Head of Department
- **Dr. Anjali Sharma**, Senior Specialist
- **Dr. Rekha Tirkey**, Unit In charge, SAG Officer
- **Dr. Maneesh Kumar Varshney**, Medical Officer

## **FACULTY MEMBERS WHO LEFT THE DEPARTMENT**

- **Dr. Rajesh Gautam**, Senior Medical Officer (Study Leave)

## • **GUEST LECTURES DELIVERED BY THE FACULTY**

- Dr. Sachin Bajaj on Blood Donation Organized by National Thalassemia Welfare Society.
- Dr. Anjali Sharma as Faculty in NARCHIDELCON 2021 workshop on Haemo-vigilance-Obstetrics

perspective, organized by NARCHI, Delhi and Department of Obstetrics and Gynaecology, Sir Gangaram Hospital, New Delhi 28 August, 2021

## **GUEST LECTURES ORGANIZED BY THE DEPARTMENT.**

- On Automated Immuno-Hematology by GEL technique on 20-04-2021.
- On Significance of Nucleic Acid Testing in Blood Centre 21-12-2021

## **ANY SIGNIFICANT FACILITY CREATED IN THE CURRENT YEAR**

- New Equipment for Single Donor Platelet Apheresis (Optia)

## **SOCIAL/PUBLIC SERVICE DONE BY THE DEPARTMENT IF ANY**

- Blood Donation Camps: - 118
- Blood Donation Awareness Camps: - 118



***Left to right (Sitting row): Dr. Maneesh Varshney, Dr Poonam Khambra, Dr Rekha Tirkey,  
Dr Sunil Ranga, Dr Anjali Sharma, Dr Kapil Jagga  
Standing : Dr. Sachin Bajaj***

# COLLEGE OF NURSING

## PRELUDE

The College of Nursing conducts B.Sc. (Hons.) Nursing Programme of four years duration with intake of 50 students per year (residential programme). There is also supernumerary quota of 10% of EWS (5 students) as per Govt. guidelines and 08 students of J & K under Prime Minister Special Scholarship Scheme (PMSSS) admitted through All India Council of Technical Education (AICTE). The B.Sc. (Hons.) Nursing Programme is recognized by Indian Nursing Council & Delhi Nursing Council and affiliated to Guru Gobind Singh Indraprastha University, New Delhi.

The aim of the College is to serve the humanity and to prepare globally qualified graduate nurses. The objective of the training is to impart excellent nursing education and to prepare competent professional nurses to be able to work in various health care and community health settings and contribute to the preventive, curative, promotive and rehabilitative aspects of health as a member of health team to meet the emerging health needs of the society.

## FACULTY

- **Mrs. Anita**, Tutor
- **Ms. Madhu Bains**, Tutor
- **Mrs. Laxmi Devi**, Tutor
- **Mrs. V. Indumathy**, Tutor
- **Mrs. Kirti Joshi**, Tutor
- **Mrs. Vijender Kaur**, Tutor
- **Mrs. Bhavesh Kumari**, off. Vice Principal
- **Mrs. Hemlata Martoliya**, Tutor
- **Mrs. Prema**, Tutor
- **Mr. Anil Raj M.K.**, Tutor
- **Mr. Sanjeev Sharma**, Tutor
- **Mrs. Sunita Singhal**, Tutor
- **Mrs. Radha Tiwari**, Tutor
- **Mrs. Radha Rani Tiwari**, off. Principal
- **Mrs. Urmila**, PHN
- **Mrs. Sandhya Saji Varghese**, Tutor
- **Mrs. Praveen Eric William**, Tutor

## NEW ADDITION TO THE FACULTY

- **Mrs. Urmila**, PHN

#### ASSIGNMENT IN ACADEMIC ASSOCIATIONS

- Mrs. V. Indumathy (Tutor) State Adviser for Student Nurses Association under Trained Nurses Association of India July 2020 till date.

#### SEMINARS/CONFERENCES/WORKSHOPS/CME ATTENDED BY THE FACULTY

- Mrs. Kirti Joshi attended a virtual Seminar on HIV/AIDS-AIIMS, New Delhi on Feb. 2021
- Mrs. Vijender Kaur attended a virtual Nurses a voice to lead-A vision for future Health Care-Indian Nursing Council 12th May 2021
- Mrs. Hemlata Martoliya attended a virtual Help the nurses who are facing psycho-social issues due to covid -19 burnout syndrome-INC and International society of psychiatric mental health nurses 19th May 2021
- Mrs. Laxmi Devi attended a virtual webinar on "Eliminating cervical cancer – call for action-ICOG-17th World congress for cervical pathology and Colposcopy" on 4th July 2021
- Mrs. Radha Tiwari attended a virtual workshop on Nationwide Capacity Building of Nursing Professionals for Comprehensive Management of COVID-19 in Children - DGHS, MoHFW 16th & 17th July, 2021
- Mr. Sanjeev Sharma attended Nationwide capacity building of Nursing professionals for comprehensive management of Covid-19 in children - DGHS, MoHFW 23rd & 24th July, 2021
- Mrs. Vijender Kaur, Panel Discussion on B.Sc. Nursing- TNAI 1st August, 2021
- Mrs. Vijender Kaur, Nationwide capacity building of Nursing professional for comprehensive management of covid-19 in children- DGHS, MoHFW 7th August, 2021
- Mrs. Sandhya Saji Varghese, Nationwide Capacity Building of Nursing Professionals for Comprehensive Management of COVID-19 in Children DGHS, MoHFW 16th August, 2021.
- All Faculty Orientation programme on revised B.Sc. Nursing syllabus- Indian Nursing Council 23rd to 24th August, 2021
- Mrs. V. Indumathy & Mrs. Hemlata Martoliya attended Nationwide Capacity Building of Nursing

Professionals for comprehensive Management of COVID-19 in Children - DGHS, MoHFW 31st August, 2021

- Prerna, Madhu Bains, Kirti Joshi, Praveen Eric William & Urmila attended CNE - Peads. Nursing Emergency preparedness programme on Covid (PNEPPCO)- AIIMS New Delhi on 9th Sept. 2021

#### RESEARCH: THESIS (ONGOING)

- Mrs. V. Indumathy- (Guide-Dr. Mrs. Gandhimathy, Vice Principal, Rani Meyyamai College of Nursing, Annamalai University) "A study to assess the prevalence of respiratory morbidity and evaluate the effectiveness of pre-habilitation program on Knowledge and Pulmonary function parameters among employees of selected petrol filling stations in New Delhi, India" 2017-2021 (Part time)

#### GUEST LECTURES DELIVERED BY THE FACULTY

Mrs. Radha Rani Tiwari-Resource person- CNE Peads. Nursing Emergency preparedness programme on Covid (PNEPPCO)- AIIMS New Delhi 09.09.2021

Mrs. Vijender Kaur-Resource person - CNE Amity University Resource person- CNE - RAK College of Nursing, New Delhi Resource person- CNE – TNAI, New Delhi, 2021

Ms. Madhu Bains-Faculty (Resource person) – NNF Preterm care E-module for Nurses Faculty (Resource person) – NNF Preterm care E-module for doctors 01.11.2020-10.01.2021 (9 weeks) 28.12.2020- 07.03.2021 (9 weeks)

#### EXTERNAL ASSIGNMENTS COMPLETED BY THE FACULTY

##### Mrs. Vijender Kaur

- Observer in NHSRC to visit program study centre, (Rajasthan)
- INC Inspection
- DNC Inspection
- External Examiner & Ph. D Thesis evaluator- Rajasthan University
- External Examiner & Ph. D Thesis evaluator- Haryana University

## **SOCIAL/PUBLIC SERVICE DONE BY THE DEPARTMENT:**

Active participation of faculty and students in Swachhata Abhiyaan, Hindi Pakhwada, Vigilance awareness week, Breast feeding awareness week, World antibiotic awareness week, World Mental Health Day, Pulse Polio Program, Organ donation day, Patient safety day and all the other programs organized by SJH & create awareness in Community & Hospital through Health Talks, Role play & Group projects.

## **AWARDS RECEIVED BY THE NURSING STUDENTS IN INTER COLLEGE COMPETITIONS:**

- Poster making (SwachhtaPakhwada)- SJH24.09.2021Komal Mehra – 2nd Prize
- Poster making (Breast Cancer awareness)- SJH07.10.2021 Komal Mehra – 3rd Prize
- Hindi Essay Competition (Vigilance Awareness week)- SJH26.10.2021 Nisha- Consolation Prize
- Essay Writing Competition (Vigilance Awareness Week)- SJH26.10.2021Jaya Pant- Consolation Prize
- Poster making - TNAI 16.11.2021Sonika – 2nd Prize
- 29th SNA Biennial Conference (Cultural Event) – TNAI16.11.2021Monika Dalal

- 29th SNA Biennial Conference (Cultural Event) – TNAI16.11.2021Simran Anand
- Slogan Writing-Antibiotic Awareness week-SJH 22.11.2021Hansa Yadav – 3rd Prize
- Poster making (world anti-microbial awareness week)-SJH 22.11.2021 Twinkle & Tripti Bhawdwaj - 3rd Prize
- Slogan Competition- (world anti-microbial awareness week)- SJH 22.11.2021Simran Anand- 1st Prize
- Poster making Competition (world anti-microbial awareness week)-SJH 22.11.2021Shelly Bhardwaj – 2nd Prize
- Poster making Competition (world anti-microbial awareness week)-SJH 22.11.2021Adya, Aditi & Kritika-1st Prize
- Patient safety display Board decoration- (world anti-microbial awareness week)-SJH22.11.2021 Bhawna & Group- 1st Prize
- English Essay competition- SJH 22.11.2021 Adya&Aditi – 3rd Prize

## **SIGNIFICANT ACHIEVEMENTS DURING THE YEAR**

- Over all result of B.Sc. (H) Nursing students for the academic year 2021-22 was very good and 50 students completed their training in 2022.
- One of the faculty is pursuing PhD Nursing



**1st row left to Right:** Mrs. Praveen Eric William. Mr. Anil Raj MK. Mrs. Vijendra Kaur. Mrs. Radha Rani Tiwari (Principal). Mrs Bhavesh Kumari ( Vice Principal). Mrs Sunita Singal.

**2nd row Left to Right :** Mrs. HamlataMartoliya. Mrs. Laxmi Devi. Mrs. Anita. Mr. Sanjeev Sharma, Mrs. Kirti Joshi, Mrs. Saroj Bala ,Mrs. Sandhya Saji Varghese

**3rd row Left to Right. :** Mrs. Radha Tiwari Mrs. Prerna , Ms. Madhu Bains



# Department of Dietetics

## PRELUDE

Information of Services provided during the period 1/1/2021 to 31/12/2021 are given below:-

- Total Attended in Dietetics Opd Pts. – 2593 approx.
- Total IPD Pts. – 4, 07,537 approx. including ICU & OT food provided by Main Kitchen.
- Total ICU Pts. – 23352 approx. foods provided by Main Kitchen
- Total OT Pts. - 1308 approx. food provided by Main Kitchen.

## FACULTY

- **Dr. Naresh Sood**, HAG Sr. CMO
- **Dr. Kashika**, CMO
- **Dr. Ankit Sharma**, MO
- **Mrs. Pratibha**, Dietician
- **Mrs. Kavita**, Dietician
- **Mr. Lalit Narayan**, Steward
- **Mr. Chand Ram**, Steward
- **Mr. Bhudev**, LDC

## NEW ADDITION TO THE FACULTY

- **Dr. Kashika**, CMO
- **Mr. Bhudev**, LDC

## FACULTY MEMBERS WHO LEFT THE DEPARTMENT

- **Dr. Nikhilesh Chandra**, HAG

# Department of Nuclear Medicine

## PRELUDE

Equipped with the state of art modern diagnostic Dual Head Single Photon Emission Computed Tomography(SPECT) Gamma Camera and a computerized Thyroid Uptake system, the department of Nuclear Medicine carries out a host of diagnostic tests including Myocardial Perfusion Scans, Parathyroid Scans, Dynamic Renal Dtpa/Ec Scans, Whole Body MDP Bone Scans, Thyroid Scans, Gastro-Intestinal Bleed Scans, Hepatobiliary Scintigraphy, Direct Radionuclide Cystogram, Scintimammography, Gastro-Esophageal Reflux Scan, Lymphoscintigraphy, Tc99mEcd Brain Spect, Testicular Scans, Cisternography, And I131 Thyroid Uptake Tests.

### Type and number of scans performed

- DTPA-479
- DMSA-224
- LLEC-150
- MPI-06
- HIDA-40
- MDP-155

- GER-32
- DRCG-07
- PTH-14
- THYROID-56
- MECKEL'S-09
- ECD-01
- GIBLEED-05
- RAIU-146

Low dose OPD based Iodine therapy is also provided for patients suffering from Grave's Disease and Autonomous Functioning Thyroid Nodules. A total number of 25 patients were successfully treated in the year 2021-22.

## FACULTY

- **Dr. Ravinder Singh Sethi**, Consultant & Professor
- **Dr. Padma A. Namgyal**, C.M.O. (NFSG)

## NEW ADDITION TO THE FACULTY

- **Dr. Deepa Kumar**, Assistant Professor
- **Dr. Amit Kumar Singh**, Assistant Professor



**Standing (Left to Right): Dr Deepa Kumar, Dr Padma A. Namgyal,  
Dr Ravinder Singh Sethi, Dr Amit K. Singh**

# Department of Physical Medicine & Rehabilitation

## PRELUDE

Department of Physical Medicine & Rehabilitation (PMR) of VMMC & Safdarjung is one of the oldest departments in the country which is catering patients of all age group for rehabilitation of various diseases for more than four decades.

Despite COVID -19 pandemic, department could provide outdoor consultation to around 80,000 patients, 40 patients were admitted for indoor rehabilitation and 3113 minor procedures were performed. Department also runs speciality clinics on weekly basis in which 21 patients in polio clinic, 41 in neuro-rehabilitation clinic, 2414 in appliance clinic, 178 in paediatric rehabilitation clinic, 931 in spinal injury clinic, 123 in diabetic foot clinic and 38 patients in pulmonary rehabilitation clinic were given consultation.

Department of PMR is playing pivotal role in locomotor and multiple disability certification by being board member in NEET UG & PG board (85), General board for social cause (105) and multiple disability board (161). Department is also providing

rural services (2232) through Kadipur rural centre. Throughout the year department is taking care of around 800-900 referred patients from all over the hospital.

## Faculty

### Department is having following faculty members-

- **Dr. Nonica Lalsram-** Professor & Principal Consultant, GOI
- **Dr. R K Wadhwa-** Additional MS, Professor HAG Officer
- **Dr. Diganta Borah-** Professor
- **Dr. Ajay Gupta-** Professor
- **Dr. Shweta Jain-** Professor
- **Dr. Suman Badhal-** Professor
- **Dr. Kiran B.** has joined as assistant professor (contract) in the department while Dr Satyaranjan Sethi, Assistant Professor (Contract) left the department.

**Assignment in academic associations-** Dr Ajay Gupta was elected as Vice President of Indian Association of Physical Medicine & Rehabilitation while Dr Suman Badhal was elected treasurer for

Indraprastha association of Rehabilitation Medicine (State chapter of IAPMR).

#### **Distinctions achieved by members of the faculty-**

Dr Suman Badhal, Professor received Rajeev Gandhi National Excellence Award for corona warrior and trophy & certificate for exemplary services in pulmonary telerehabilitation by Medical Superintendent.

**Seminars/conferences/workshops/cmcs held in department-** IPARM conference, DelhiPMRCon 2021 was conducted by the department on 6<sup>th</sup> and 7<sup>th</sup> of February.

#### **Seminars/conferences/workshops/CMEs attended by the faculty-**

##### **Dr. Suman Badhal**

- Delhi PMR Con 2021
- Workshop for Gender sensitization & POSH
- Revised basic course workshop (Rbcw) in medical education technologies on
- IAPMR Mid-Term CME & Workshop

**Dr. Diganta Borah-** Delhi PMR Con 2021

**Dr Ajay Gupta-** Delhi PMR Con 2021

**Dr Shweta Jain-** DelhiPMRCon 2021

**Dr Nonicalaisram-** Delhi PMR Con 2021

**Dr RK Wadhwa-** Delhi PMR Con 2021

#### **Research: Thesis (Ongoing)**

- Factors determining central sensitization in osteoarthritis knee- Dr Bhawna under Dr Shweta Jain
- Efficacy of neuromuscular training in patients of osteoarthritis knee via telerehabilitation- Dr Mamta Joon under Dr Ajay Gupta
- Study of effectiveness of telemedicine based pulmonary rehabilitation in recovered patients of COVID -19 pneumonitis- Dr Prageeth under Dr RK Wadhwa
- Study of needs, demands and barriers for access to assistive technology in persons with disabilities- Dr Ganes Yadav under Dr Suman Badhal
- Efficacy of dextrose prolotherapy in the treatment of plantar fasciitis- Dr Malovika under Dr RK Wadhwa
- Functional assessment after

viscosupplementation in bilateral osteoarthritis knee- Dr Saroj under Dr Ajay Gupta

#### **Research: Thesis (Completed)**

- Study of efficacy of single dose high molecular weight intra-articular hyaluronic acid injection in osteoarthritis knee- Dr Anjana Babu under Dr Ajay Gupta
- Quality of life in persons with locomotor disability- Dr Ravindra under Dr Nonicalaisram
- To evaluate efficacy of intra-lesional platelet rich plasma in patients with plantar fasciitis- Dr Sanjiv under Dr RK wadhwa
- Correlation of knee alignment with ankle and hindfoot alignment and clinical severity in grade IV osteoarthritis knee- Dr Navin under Dr Diganta Borah

#### **PUBLICATIONS OF FACULTY/RESIDENTS**

- Singh DK, Laisram N, Malik A, KanaujiaV, Badhal S, Jain, S. *Association of Motor Function and Neuroimaging in Cerebral Palsy: A Cross-sectional Study*, JCDR 2021; 15: KC01-KC04.
- Saha S, Gupt S, Laisram N, Siddique, U, Rahman, S. Vitamin D levels in persons with traumatic spinal cord injury: a multicentre observational study. *International Journal of Advances in Medicine* 2021; 8: 1164-1170
- Jain, S, Borah D, Meena D.S., Ali J. Ultrasound Guided Suprascapular Nerve Block versus Intra-articular Steroid Injection in the Treatment of Periarthritis Shoulder: A Randomised Clinical Trial. JCDR 2021; 15: KC01-KC05.
- Singh G, Borah D, Khanna G, Jain S. Efficacy of Local Autologous Platelet-Rich Plasma in the Treatment of Pressure Ulcer in Spinal Cord Injury Patients. *Cureus* 2021; 13: e18668.
- Gupta A, Channaveera C, Anand V, Sethi, S. An Investigator-Initiated, Prospective, Single-Center, Open-Label Clinical Study to Evaluate Safety and Performance of Intra-Articular Hyaluronic Acid (IA-HA) (Biovisc Ortho) in Patients with Osteoarthritis (OA) of the Knee. *Clinical pharmacology: Advances and Applications* 2021; 13: 73-82.
- Sujatha Gorle, BD Athani, Sakshi Jain, Shweta

Jain. Bone Mineral Density in Stroke Survivors: An Observational Study. JCDR 2021;15:YC05-YC08

- Kolla K, Athani B, Jain S, Gupta V. Correlation of Pirani Scoring with the Outcome of Treatment in Idiopathic Congenital Talipes Equinovarus Treated with Ponseti Method: A Prospective Cohort Study. JCDR 2021; 15: KC14-KC17
- Kumar B K, Wadhwa R, Badhal S, Chethan C, Kanaujia V, Gupta A. Evaluation of Change in Aceclofenac Usage Pattern in Knee Osteoarthritis Following Viscosupplementation: A Prospective Interventional Study, J CDR 2021; 15: KC06-KC09.

#### **EXTERNAL ASSIGNMENTS OF SIGNIFICANCE:**

- Dr. R K Wadhwa- Expert in UPSC, MoSJ&E, Member National Selection Committee to select National Awardees for Empowerment of Persons with Disabilities.
- Dr Ajay Gupta- Expert in DST, BIS, UGC.
- Dr Suman Badhal-Expert in NMC, ICMR

#### **SOCIAL/ PUBLIC SERVICE DONE BY THE DEPARTMENT:**

**Disability Camp** in association with Indraprastha Association of Rehabilitation Medicine and Krishna Janma-bhoomi trust organized every month on first Sunday at Mathura- Senior Residents and Faculty are actively involved in conducting these camps.

**Rural Rehabilitation Programme-** The department is running a rural rehabilitation programme in selected areas of Gurugram district of Haryana where Rural Rehabilitation centre is being run at Village Kadipur and extended to 14 nearby Panchayats. Beneficiaries of regular rehabilitation around 1322 patients, group health talks 8, families visited 5, counseling done 378, etc were the activities done during the year.

**Medical Social welfare officer** Organized disability camps [aids & appliances distribution camp] in collaboration with various NGOs, distributed aids and appliances (652), did counselling (610) and guided patients about benefits and schemes by government of India (510), faculty with college of nursing teaching

sociology, member of ethics committee(IEC), media cell, kayakalp, CSR committee.

**Vocational guidance-** Around 675 patients received vocational guidance in the field of educational teaching (60), tailoring, knitting, painting and doll making (65), computer education (12) etc. Sewing machines were donated to 11 patients.

#### **NAME OF THE STUDENTS/ RESIDENTS WHO HAVE ATTAINED DISTINCTIONS**

##### **AWARDS RECEIVED:**

- Dr Charanjev Kaur Memorial Award for best progressive young active resident: Dr Ratnakar Lal in DelhiPMRCon 2021
- IAPMRCon 2021 Quiz Competition winner: Dr Deepthi S. Johnson

##### **PAPER PRESENTED:**

- Study of effectiveness of PRP and ultrasonographic changes in cartilage thickness in degenerative OA knee- DelhiPMRCon 2021
- To compare the effect of robotic therapy with conventional therapy in upper limb spasticity treated with botulinum toxin A injection in stroke survivors in DelhiPMRCon 2021
- Correlation of severity of knee osteoarthritic changes and foot posture- Dr Deepak Raj in DelhiPMRCon 2021
- Effectiveness of telemedicine based pulmonary rehabilitation in patients recovered from COVID-19 pneumonitis- Dr Prageeth N. P. In DelhiPMRCon 2021

##### **POSTER PRESENTED:**

- Study of effectiveness of PRP and ultrasonographic changes in cartilage thickness in degenerative OA knee- Dr Deepthi S. Johnson in IAPMRCon 2021
- Correlation of severity of knee osteoarthritic changes and foot posture- Dr Deepak Raj in IAPMRCon 2021

#### **SIGNIFICANT ACHIEVEMENTS DURING THE YEAR:**

Department of PMR VMMC & SJH, New Delhi is one of the pioneer PMR centers in the country for teaching,

training and providing comprehensive medical rehabilitative services.

Faculties of PMR have been appointed as examiners for MD/DNB (PMR) of many institutes including AIIMS. All four MD (PMR) students of batch 2018-21 passed in 2021. Total of four (4) papers and two (2) posters were presented during the year in various national and state conferences. Eight (8) original research papers were published during the year in

national/international journals. PMR Department of VMMC & SJH is one of the centers in Delhi which has been authorized to issue disability certificate of locomotor and multiple disabilities for NEET UG & PG counseling. The department is actively involved in disability certification for locomotor and multiple disabilities for various purposes like social benefits, medicolegal, admission, job, etc.



**L to R - Dr Shweta Jain, Dr Ajay Gupta, Dr Diganta Borah, Dr RK Wadhwa,  
Dr Nonica Laisram, Dr Suman Badhal**

# Department of Radiodiagnosis

## PRELUDE

### X-Ray Machines

- Static machines with capacity-2 Static/Fixed machines 1000 mA/ functional
- 1 static machine/ nonfunctional (under repair)
- Portable machines with capacity-15 portable/mobile machines 100mA / functional
- Machines with TV/Imaging facility-1 static machine with TV/ Imaging Facility/ functional.
- CT Scan (Slices/year of manufacture)-256 slices/ year of manufacture 2017/ functional.
- MRI (Tesla/year of manufacture) 3T / year of manufacture 2018/ functional
- Mammography facility-Not Available
- USG – Grey Scale- 13
- USG – color Doppler All ultrasound machines mentioned in s.no 5 have grey scale with color doppler.
- DSA 1 DSA/ functional
- PET Scan- Not Available
- Any other equipment-8 CR system/ functional

### Workloads per day

- X-Rays- 1036
- Special procedures (IVP etc.) 8
- Ultrasonography-357
- C.T. Scans-169
- MRI scans- 20

### FACULTY

- **Dr. Yatish Agarwal**, Professor
- **Dr. Ankita Aggarwal**, Assistant Professor
- **Dr. S.K. Bajaj**, Professor
- **Dr. Neha Bansal**, Assistant Professor
- **Dr. Neha Bagri**, Associate Professor
- **Dr. Aanchal Bhayana**, Assistant Professor
- **Dr. N.K Bhambari**, Consultant
- **Dr. Krishna Bhardwaj**, Assistant Professor
- **Dr. Rohini Gupta**, Assistant Professor
- **Dr. Kirti Gehlot**, Assistant Professor
- **Dr. Pranav Gupta**, Assistant Professor
- **Dr. Jyoti Gupta**, Assistant Professor
- **Dr. Puneet Garg**, Associate Professor
- **Dr. Rupijamwal**, Associate Professor
- **Dr. Megha Jain**, Assistant Professor



- **Dr. Chirag Jain**, Assistant Professor
- **Dr. Nishith Kumar**, Associate Professor
- **Dr. Reeta Kanaujya**, Associate Professor
- **Dr. Ritu Nair Misra**, Professor
- **Dr. Mahesh Kumar Mittal**, Professor
- **Dr. Amita Malik**, Professor
- **Dr. Anamika Meena**, Assistant Professor
- **Dr. Dharmendra Kumar Singh**, Associate Professor
- **Dr. Charu Paruthi**, Associate Professor
- **Dr. Nishu Raj**, Specialist Grade III
- **Dr. Anju Ranga**, Assistant Professor
- **Dr. Mukul Sinha**, Consultant
- **Dr. Swarna**, Associate Professor
- **Dr. Anuradha Sharma**, Associate Professor
- **Dr. Geetika Sindhvani**, Assistant Professor
- **Dr. Ankit Sharma**, Medical Officer
- **Dr. Renu Yadav**, Assistant Professor
- **Dr. Sarthak**, Assistant Professor
- **Dr. Sephall Gupta**, Consultant

#### NEW ADDITION TO THE FACULTY

- **Dr Ankita Aggarwal**, Assistant Professor
- **Dr Megha Jain**, Assistant Professor
- **Dr Kirti Gehlot**, Assistant Professor
- **Dr Chirag Jain**, Assistant Professor

#### FACULTY MEMBERS WHO LEFT THE DEPARTMENT

- **Dr. Ranjan Chandra**, Professor

#### SEMINARS / CONFERENCES / WORKSHOPS/ CMEs ATTENDED BY THE FACULTY

##### Dr. Anuradha Sharma

- Indian Society of Vascular and Intervention Radiology- Goa, 31 March- 2 April 2021
- International Conference of Interventional Radiology, Tirupati on 19.12.2021
- ISNR 2021, 23rd Annual Conference of Indian Society of Neuroradiology, 17.12.2021 to 19<sup>th</sup> Dec, 2021
- Dr. Gyan P. Lal CME 2021, conducted by IRIA/ICRI, held online on 30th May, 2021

##### Dr Puneet Garg

- Indian Society of Vascular and Intervention Radiology- Goa, 31 March- 2 April 2021

##### Dr Chirag Jain

- Indian Society of Vascular and Intervention Radiology- Goa, 31 March- 2 April 2021

##### Dr Krishna Bharwaj

- Indian Society of Vascular and Intervention Radiology- Goa, 31 March- 2 April 2021

##### Dr D.K Singh

- Asian musculoskeletal society-21, Vizag, August 2021

##### Dr Nishit Kumar

- Asian musculoskeletal society-21, Vizag, August 2021

#### RESEARCH: THESIS (ONGOING)

- **Dr. Mst Rajika Khatun**-Modified Biophysical Profile and Fetal Doppler for Prediction of Perinatal Outcome in Pregnancy Beyond 40 Weeks, (Guide- Dr.Amita Malik).
- **Dr. Dakshayini H. S.**- Endovaginal Ultrasound in Assessment of Gynaecological Chronic Pelvic Pain, (Guide- Dr.Amita Malik).
- **Dr. Priyanka Singh**- Diagnostic Accuracy of Ultrasonography in Evaluation of Anterior Knee Pain, (Guide- Dr. S.K. Bajaj).
- **Dr. Shubham Saini**-Diagnostic Utility of Spectral Doppler in Acute Appendicitis, (Guide- Dr. Rohini Gupta Ghasi).
- **Dr. Neeraj Rai**-Comparison Of Pretreatment Quantitative Diffusion MRI and T1 MRI Parameters with Antitubercular Therapy Response In Intracranial Tuberculoma. (Guide- Dr. Rohini Gupta Ghasi).
- **Dr. Vasundhara**-Evaluation Of Multiparametric MRI Features in Prediction of Isocitrate Dehydrogenase Mutational Status Of Diffuse Low-Grade Gliomas, (Guide- Dr.Yatish Agarwal).
- **Dr. Gurtej Singh Saini**-MRI Evaluation of Response to Image Guided Percutaneous Sclerotherapy in Slow Flow Vascular Malformations. (Guide- Dr. S.K. Bajaj).
- **Dr. Sameer Ahluwalia**-Multipoint Dixon Technique for Evaluating Sacroiliitis in Axial Spondyloarthritis, (Guide- Dr.RupiJamwal).
- **Dr. Namrata Bagchi**- Diagnostic Efficacy of Mr Perfusion- Quantitative and Semi Quantitative Analysis In Differentiation Of Benign And Malignant Adnexal Masses, (Guide- Dr.Ritu Nair)

Misra).

- Dr. Arosh Singh-Dr.Amita Malik Non-Contrast CT Head for Evaluation Of Adult Non-Traumatic Headache Of Secondary Type In Emergency Setting, (Guide- Dr.Amita Malik).
- Dr. Nikhil Babbar- Dr.Yatish Agarwal Assessment of Pulmonary And Extra-Pulmonary Clinico-Radiological Sequel In Covid -19 Recovered Patients.
- Dr. Sonu Kaushik-Comparative Role Of Diparametric And Multiparametric MRI In Detection Of Muscle Invasive Bladder Cancer Using Vi-Rads Scoring System. (Guide- Dr M.K. Mittal).
- Dr. Arpit Garg-Low Dose Computed Tomography Perfusion Study To Differentiate Between Benign And Malignant Ovarian Tumors.(Guide- Dr.Ritu Nair Misra)
- Dr. Rachna-Diagnostic Accuracy of High-Resolution Ultrasonography In The Evaluation Of Posterior Ankle Pain. (Guide- Dr.Yatish Agarwal)
- Dr. Nidhi Rai-Arterial Spin Labelled Perfusion MRI For Evaluation Of Vascularity Of Brain Tumors, (Guide- Dr. Rupi Jamwal)
- Dr. Uzma Khadtiza-Comparison Of Pre-Treatment Quantitative Diffusion MRI And T1 Perfusion MRI Parameters with TNM Staging And Concomitant Chemoradiotherapy Response In Head And Neck Squamous Cell Carcinoma, (Guide- Dr. Rohini Gupta Ghasi).
- Dr. Philip Alex-Evaluation Of Clinico-Radiological Efficacy Of Ultrasound Guided Platelet Rich Plasma InjeCTION In Partial Thickness Supraspinatus Tendon Tear, (Guide- Dr. Ritu Nair Misra).
- Dr. Neelam Bagotiya-NCCT Markers in Prediction of Hematoma Expansion In Spontaneous Intraparenchymal Bleed, (Guide- Dr. S.K. Bajaj).
- Dr. Laxmikant-To Compare Ultrafast Brain MRI with Routine Brain MRI At 3T For Pediatric Neuroimaging, (Guide- Dr. M.K. Mittal)
- Dr. Rohit Kataria-Quantitative Diffusion MRI And T1 Perfusion MRI Evaluation In Different Stages and Subtypes of Lymphoma, (Guide- Dr. Rohini Gupta Ghasi).

## RESEARCH: THESIS (COMPLETED)

- Dr. Mst Rajika Khatun-Modified Biophysical Profile and Fetal Doppler for Prediction of Perinatal Outcome in Pregnancy Beyond 40 Weeks, (Guide- Dr.Amita Malik).
- Dr. Dakshayini H.S.- Endovaginal Ultrasound in Assessment of Gynaecological Chronic Pelvic Pain, (Guide- Dr.Amita Malik).
- Dr. Priyanka Singh-Diagnostic Accuracy of Ultrasonography in Evaluation of Anterior Knee Pain, (Guide- Dr. S.K. Bajaj).
- Dr. Shubham Saini-Diagnostic Utility of Spectral Doppler in Acute Appendicitis, (Guide- Dr. Rohini Gupta Ghasi).
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- Dr. Vasundhara-Evaluation Of Multiparametric MRI Features in Prediction of Isocitrate Dehydrogenase Mutational Status Of Diffuse Low-Grade Gliomas, (Guide- Dr.Yatish Agarwal).
- Dr. Gurtej Singh Saini-MRI Evaluation of Response to Image Guided Percutaneous Sclerotherapy in Slow Flow Vascular Malformations. (Guide- Dr. S.K. Bajaj).
- Dr. Sameer Ahluwalia- Multipoint Dixon Technique for Evaluating Sacroiliitis in Axial Spondyloarthritis. (Guide-Dr.Rupi Jamwal)
- Dr. Namrata Bagchi-Diagnostic Efficacy of Mr Perfusion- Quantitative and Semi Quantitative Analysis in Differentiation of Benign And Malignant Adnexal Masses. (Guide- Dr.Ritu Nair Misra)
- Dr. Arosh Singh-Non-Contrast CT Head for Evaluation of Adult Non-Traumatic Headache of Secondary Type in Emergency Setting, (Guide- Dr. Amita Malik)
- Dr. Nikhil Babbar-Assessment Of Pulmonary and Extra-Pulmonary Clinico-Radiological Sequel in Covid -19 Recovered Patients, (Guide- Dr.Yatish Agarwal)
- Dr. Sonu Kaushik-Comparative Role of Diparametric and Multiparametric MRI In Detection Of Muscle Invasive Bladder Cancer

Using Vi-Rads Scoring System, (Guide- Dr M.K. Mittal)

- Dr. Arpit Garg- Dr. Ritu Nair Misra Low Dose Computed Tomography Perfusion Study to Differentiate Between Benign and Malignant Ovarian Tumors.
- Dr. Rachna -Diagnostic Accuracy of High-Resolution Ultrasonography In The Evaluation Of Posterior Ankle Pain. (Guide- Dr. Yatish Agarwal).
- Dr. Nidhi Rai-Arterial Spin Labelled Perfusion MRI For Evaluation Of Vascularity Of Brain Tumors, (Guide- Dr. Rupi Jamwal)
- Dr. Uzma Khadtiza-Comparison Of Pre-Treatment Quantitative Diffusion MRI And T1 Perfusion MRI Parameters with TNM Staging And Concomitant Chemoradiotherapy Response In Head And Neck Squamous Cell Carcinoma, (Guide- Dr. Rohini Gupta Ghasi).
- Dr. Philip Alex-Evaluation Of Clinico-Radiological Efficacy Of Ultrasound Guided Platelet Rich Plasma InjeCTion In Partial Thickness Supraspinatus Tendon Tear, (Guide- Dr. Ritu Nair Misra).
- Dr. Neelam Bagotiya-NCCT Markers in Prediction of Hematoma Expansion In Spontaneous Intraparenchymal Bleed, (Guide- Dr. S.K. Bajaj).
- Dr. Laxmikant-To Compare Ultrafast Brain MRI with Routine Brain MRI At 3T For Pediatric Neuroimaging, (Guide- Dr. M.K. Mittal)
- Dr. Rohit Kataria=Quantitative Diffusion MRI And T1 Perfusion MRI Evaluation In Different Stages and Subtypes of Lymphoma, (Guide- Dr. Rohini Gupta Ghasi).

#### **PUBLICATIONS OF FACULTY/RESIDENTS**

- Jana M, Mittal D, Bagri N, Yadav R, Parihar V, Bagri NK. Role of Imaging in Childhood Arthritis [published online ahead of print, 2021 Apr 9]. *J Clin Rheumatol*. 2021;10:1097.
- Reghunath, A., Ghasi, R.G. & Aggarwal, A. Unveiling the tale of the tail: an illustration of spinal dysraphisms. *Neurosurg Rev* (2021) 44:97–114.
- Choudhary P, Malik A, Batra A. Cerebroplacental ratio and aortic isthmus Doppler in early fetal growth restriCTion. *J Clin Ultrasound*. 2021; 49(7): 754–761.

- Arora JK, Sankal M, Ghasi RG, Thakur R. Evaluation of intra-abdominal adhesion formation after laparoscopic ventral hernia repair with composite mesh using abdominal ultrasound: a prospective observational study. *Int Surg J* 2021;8:1143-7.
- Reghunath A, Biswas J, Mittal M K, Kanaujia R\*, Khanna G. Idiopathic Pulmonary Hemosiderosis: an unexplored cause of treatment refractory pediatric iron deficiency anemia. *Indian J Radiol Imaging* 2021;31(2): 480–483.
- Kanaujia R, Aggarwal A, Misra RN. Multicompartmental Epidermoid Cyst Causing Chronic Parotid Gland and Masticator Space Muscle Atrophy. *World Neurosurg*. 2021;150:89-91.
- Garg P, Kumar M, Choudhury A, Gupta A, Agarwal Y. Endovascular management and outcomes of aortoiliac occlusive disease. *Indian Journal of Vascular and Endovascular Surgery*. 2021;8(5):31.
- Mukund A, Bhardwaj K, Choudhury A, Sarin SK. Survival and Outcome in Patients Receiving Drug-Eluting Beads Transarterial Chemoembolization for Large Hepatocellular Carcinoma (>5 cm), *Journal of Clinical and Experimental Hepatology*.
- Singh DK, Boruah T, Sharma A, Khanna G, Krishna LG, Kumar N. Comparative analysis of CT guided vertebral biopsy by a conventional bone biopsy needle versus bone biopsy needle with acquisition cradle. *J Clin Orthop Trauma*. 2021 Jun 2;19:231-236.
- Garg P, Sharma A, Rajani H, Choudhary AR, Meena R. Tuberosus sclerosis complex: The critical role of the interventional radiologist in management. *SA J Radiol*. 2021 Mar 30;25(1):2034.
- Aggarwal A, Aggarwal A, Sharma A, Malik A. Abdominal Basidiobolomycosis with Renal Involvement and Retroperitoneal Fibrosis: Extremely Rare Presentation of an Unusual Pathology. *Indian J Surg*. 2021;83:573–575.
- Swarna, Sharma A, Kanaujia R, Jain S, Sharma R. Pulmonary Tuberculosis: Uncommon HRCT features of common entity. *JCDR*.

2021;15(8):TR01-03.

- Ashish Bansal, AnjunaReghunath, Mahesh Kumar Mittal, ReetaKanaujia, &Nishu Raj. (2021). Primary vertebral echinococcosis: A case of mistaken identity. Indian Journal of Case Reports, 7(7), 278-281.
- Choudhury AR, Rajani H, Sharma A. Curious Case of Kissing Vertebral Arteries with Left Vertebral Artery Dissection. Neurology India. 2021;69(5):1494-96.
- Bhardwaj K., Mohan C., Mukund A. (2021) Percutaneous FNA/Biopsy and Drainage Procedures. In: Mukund A. (eds) Basics of Hepatobiliary Interventions. Springer, Singapore. [https://doi.org/10.1007/978-981-15-6856-5\\_1](https://doi.org/10.1007/978-981-15-6856-5_1).
- Bansal A, Reghunath A, Mittal MK, Kanaujia R\*, Raj N. Primary vertebral echinococcosis: A case of mistaken identity. Indian J Case Rep 2021:278–81. (Published in July 2021)
- Reghunath A, Biswas J, Mittal MK, Kanaujia R\*, Khanna G. Idiopathic Pulmonary Hemosiderosis: An Unexplored Cause of Treatment Refractory Pediatric Iron Deficiency Anemia. Indian J Radiol Imaging 2021:s-0041-1734334

#### GUEST LECTURES DELIVERED BY THE FACULTY.

- Talk in 12th International Conference of Interventional Radiology held by SVIMS University, Tirupati on 19.12.2021: Interventions in Acute Stroke
- Presentation in ISNR 2021, 23rd Annual Conference of Indian Society of Neuroradiology on 19.12.2021: Interesting Case presentation: CNS Histiocytosis

#### NEW COURES INTRODUCED DURING THE YEAR-

- BSC in Medical Imaging Technology

#### DISTINCTIONS ATTAINED IN SPORTS AND EXTRA CURRICULAR ACTIVITIES

##### Dr. Charu

- Hindi essay writing competition organized by Hindi SeCTion, VMMC and Safdarjung
- Hospital under "Hindi Pakhwada", on 06.09.2021
- Received "Second Consolation" Prize
- Faculty Sports meet, VMMC and SJH, held in February 2022 (badminton)
- Essay writing competition organized by Vigilance Department, VMMC and SJH under "Vigilance Awareness Week", on 27.10.2021



*1st row (L to R) Dr Nishit Kumar, Dr Mukul Sinha, Dr Yatish Agarwal, Dr M.K Mittal, Dr Amita Malik, Dr S.K Bajaj, Dr N.K. Bhambari, Dr Ruple Jasmwal, Dr Rohini Ghasi*

*2nd row (L to R) Dr Kirti Gelot, Dr Neha Bansal, Dr Anchal, Dr Nishu Raj, Dr Anuradha Sharma, Dr Neha Bhagri, Dr Swarna, Dr Reetakanaujia, Dr Charu Paruti, Dr Geetika Sindwani, Dr Puneet Garg,*

*3rd row (L to R) Dr Dharmender Kumar, Dr Chirag Jain, Dr Renu, Dr Anamika, Dr Jyoti Gupta, Dr Anju Ranga, Dr Ankita, Agarwal, Dr Ankit Sharma, Dr Pranav, Dr Megha Jain*

# Extra curricular Activities

## EXTRACURRICULAR ACTIVITIES FOR ALL ROUND DEVELOPMENT OF MEDICAL PROFESSIONALS- THE BEGINNING I

After being hit by the unprecedented COVID-19 pandemic in 2020, the entire medical fraternity suffered huge stress physically, as well as mentally. So, by the time first wave was over, there was a long-drawn fatigue and an idea of having an intracollege cricket competition was floated by pioneer batchmates of VMMC, SJH including Dr Rupali Malik (Medicine), Dr. Anurag Narula (Ophthalmology), Dr. Sandeep Shaina (Orthopaedics) and Dr. Megha Tandon (Surgery).

The idea was immediately well received and Prof (Dr.) Himani Ahluwalia (Physiology) added the idea of having a kavisammelan and singing competition along with the competition. Dr. Sheeba (Obstetrics & Gynaecology) floated the idea of having an antakshari competition, along with the suggestion to include sports like carrom, lemon race etc. Dr. Pranav Ish (Respiratory Medicine) volunteered for conducting Badminton matches too and Dr. Amit Jadhav (Pediatric Surgery) took up the responsibility

of conducting TT matches. Then with the support of Dr. Manish Kumath (Forensic medicine), Dr. Pallav Mishra (SIC), Dr. Varun (Orthopaedics), Dr. Puneet Garg (Radiology), Dr. Vivek Yadav (Neurosurgery), Dr. Mohit (Forensic medicine), Dr. Vikram (Microbiology), Dr. Paras Kathuria (Medicine), and Dr. Gaurav and Dr. Kapil (Anesthesia), some subcommittees were formed and the idea was finally presented to the authorities.

The then Medical Superintendent, Dr. S. V. Arya, and Principal, Dr. Raj Kapoor, too welcomed the move and tremendously supported the faculty with all the logistics required for conducting the program. Finally, within one month, the first ever sports meet for the faculty of VMMC & SJH was conducted from 1<sup>st</sup> Feb, 2021 to 6<sup>th</sup> Feb, 2021. The Cultural events began with the beautiful antakshari on day 1 hosted by Dr. Sheeba and Dr. Vikram. Then, 8 teams (Male) participated in the cricket events, Aneasthesia Knockers, Med Marvels, Ortho blasters, Principals

Eleven, Surgical Strickers, SSB 1, SSB 2 and Radio Radblazers). Team Surgical Strickers and Anesthesia were the finalists.

Team Surgical Strickers were the first winners under the captaincy of Dr. Jai Arora and team Anaesthesia, the first runners up. Team SSB-1 and ortho blasters were other 2 semifinalists. Two teams participated in female cricket- 1. Team smasher and 2. Team stunners. Team stunners were the winners, under the captaincy of Dr. Pooja (Anatomy). The man of the series was Dr. Anurag Narula (Ophthalmology) and woman of the series was Dr. AbhaDivya (CTVS).

The winners for Badminton were Dr. Prashanth (Urology) (Male Singles), Dr. Varun (Orthopaedics) and Dr. Amit (Pediatrics) (Male Doubles), Dr. Pooja Chouhan (Anatomy) (Female Singles). The winners for TT were Dr. Ankit Goyal (SIC) (Male Singles), Dr. Pooja Prasad (Hematology) (Female Singles). The winners of carrom were Dr Deepa and Dr Saurabh (Anaesthesia).

The 6 day event finally concluded on 6<sup>th</sup> Feb, 2021, with a musical program where we heard beautiful singers like – Dr. Kapil Suri Sir, Dr. Jatin Talwar Sir (Orthopaedics), Prof (Dr) Himani Ahluwalia (Physiology), Dr. Sumathi Muralidhar (Apex STD Centre), Dr. Bindu (Obstetrics &Gynaecology), Dr. Pooja (Anatomy), Dr. Bindusar (Anatomy), Dr. Ashish

(Orthopaedics), Dr. Monica (Obstetrics &Gynaecology), Dr. Ajith (CTVS), Dr. Navnita (CTVS), Dr. Pallav (SIC), Dr. Ajay (SIC), Dr. Kirti (Radiology), Dr. Varun (Orthopaedics), and the winners were Dr. Kirti – best female singer, Dr. Bindu (Second), Dr. Sumathi and Dr. Monica (Third). Prof (Dr.) Himani Ahluwalia wonderfully hosted the event and was even the winner of best poetry.

Subsequently, post this event an informal cultural club was formed under the guidance of Dr. Kapil Suri, Dr. Himani Ahluwalia and Dr. Manish Kumath, with Dr. Rupali (Medicine) as (convener), Dr. Kirti (Radiology) (co-convener) and Dr. Sandeep (Orthopaedics) (Treasurer). The club subsequently conducted, the first musical get-together, post 2<sup>nd</sup> wave for the faculty in November, where wonderful participation from all the faculty was seen with many new talents, like Dr. Ankit Ruhela (SIC) and Dr. Sanjay Naiding (Medicine) joining in.

Then, during the lockdown of 3<sup>rd</sup> wave, a virtual dance competition was organized in January 2022, with team Anatomy winning the group dance under Dr. Vandana Mehta. Dr. Tankeshwar Baruah (Orthopaedics) and Dr. Rita Baruah (Pediatrics) won the duet and Dr. Nishtha (Dental) and Dr. Ankit (SIC) won the solo dance categories.

# CENTRAL FACILITIES

# CENTRAL LIBRARY

The Library of VMMC & Safdarjung Hospital has a collection of 26500 Books, 100 print journals, approx. 10000+ volumes of Bound Journals, 2422 Thesis and 1168 CD's etc.

**Now, library has special focus to provide the services on the door step, for this, the library is providing following e-resources:**

- ERMED Consortium – 235 journals of various publishers like BMJ, Wolter Kluwer, Cambridge, Oxford and Willey.
- Clinical Key – A product of Elsevier, includes 700+ e-journals of Elsevier 2007 onwards, 1000+ e-books, clinical overviews, drug monographs, procedure video and patient education brochure's etc.
- Upto-date Advance – A product of Wolters Kluwer, an evidence based clinical decision support resource that offer comprehensive, peer review content in 25 medical specialties, clinicians can ace more than 11800 topics.
- 

**Moreover, the digitalization process is in progress and for this, following measures are already taken-**

- Automated with TLSS (Total Library Solution Software) automation software.
- Facility of OPAC (Online Public Access Catalogue).
- 25 Computers connected with internet via Server for readers.

Library has conducted book exhibition last year from 13 September to 18 September 2021 as to provide exposure to the latest books to the readers, and also to take demand letter for the procurement of the books from the various departments.

#### **LIBRARY ADVISORY COMMITTEE**

- **Dr. Geetika Khanna**, Chairperson Library Committee
- **Dr. Kapil Suri**, Officer In-charge, Library
- **Dr. Vikaas Sharma**, Medical Officer, Library
- **Dr. Poonam Gupta**, Member
- **Dr. Vandana Mehta**, Member



- **Dr. Richa Kapoor**, Member
- **Dr. Ashok Kumar Sharma**, Member
- **Dr. Ashish Jalman**, Member
- **Dr. Sheeba Marwah**, Member
- **Dr. Gaurav Gupta**, Member

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- **Dr. Kapil Suri**, Officer In-charge
- **Dr. Vikaas Sharma**, Medical Officer
- **Mrs. Hema Bhatt Asst. Admn. Officer**
- **Mr. Satyapal Singh** Assistant Library Information Officer

- **Mrs. Meena Gupta** Library & Information Assistant
- **Mrs. Alzra Jacob** Library & Information Assistant
- **Mrs. Seema**, Vashisht Library Clerk
- **Mr. Rajan Chauhan** Library Clerk
- **Mrs. Krishna**, Library Clerk



**Standing 1 st row (Left to Right):** Dr Ashok Sharma, Dr HitenderLoh, Dr Geetika Khanna, Dr. Richa Kapoor, Dr Vandana Mehta

**Standing 2 nd row (Left to Right):** Sh Satyapal Singh, Dr Gaurav Gupta, Dr Vikaas Sharma, Dr SheebaMarwah.



# Unitwise data for year 2021

UNIT	ADMI	DISCHARGES (InclDeath)	DAYS OF STAY	AV.LENGTH OF STAY	TOTAL DEATHS	UNDER 48 HRS	OVER 48 HRS	Page No-3	
								GDR %	NDR %
<b>GRAND TOTAL SRGERY</b>	126864	126809	577800	4.6	11477	6009	5468	9.1	4.5
<b>S - I</b>	1214	1218	8711	7.2	102	44	58	8.4	4.9
Tetanus	0	0	0	0.0	1	0	1	0.0	0.0
<b>S - II</b>	1135	1137	7490	6.6	98	43	55	8.6	5.0
<b>S - III</b>	1008	1013	7189	7.1	65	27	38	6.4	3.9
<b>S - IIII</b>	1096	1098	7377	6.7	99	35	64	9.0	6.0
<b>S - IV</b>	1019	1023	7242	7.1	116	47	69	11.3	7.1
<b>S - V</b>	1036	1037	7101	6.8	80	33	47	7.7	4.7
<b>Total-Surgery</b>	6508	6526	45060	6.9	561	213	332	8.6	5.3
Paed. Surgery	2098	2093	12997	6.2	117	42	75	5.6	3.7
Radiotrtherapy	3857	3862	6301	1.6	15	8	5	0.4	0.1
Cancer Surgery	209	209	3071	14.7	18	81	10	8.6	7.8
Neuro Surgery	5461	5461	31362	5.7	1694	769	853	31.0	18.2
Cardio Thoracic Surgery	482	487	6175	12.7	27	3	23	5.5	4.8
<b>Ortho - I</b>	808	806	5767	7.2	17	4	11	2.1	1.4
<b>Ortho - II</b>	998	1002	8384	8.4	14	2	12	1.4	1.2
<b>Ortho - III</b>	812	809	7582	9.4	14	4	12	1.7	1.5
<b>Ortho - IV</b>	903	914	7690	8.4	18	5	11	2.0	1.2
<b>Ortho - V</b>	903	897	6455	7.2	10	11	6	1.1	0.7
<b>Ortho - VI</b>	731	250	2871	11.5	3	2	3	1.2	1.2
<b>Total- Orthopaedics</b>	5405	5404	41973	7.8	98	30	69	1.8	1.3
Rehabilitation Burns & Plastic Surgery	40	40	932	23.3	1	1	0	2.5	0.0
2859	2862	19306	6.7	297	95	202	10.4	7.3	
E.N.T.	1569	1567	8854	5.7	31	9	22	2.0	1.4
<b>Eye - I</b>	2390	2386	5363	2.2	3	0	3	0.1	0.1
<b>Eye - II</b>	986	984	3686	3.7	3	0	3	0.3	0.3
<b>Total-Eye</b>	3376	3370	7679	2.3	6	0	6	0.2	0.2
<b>Gynae. - I</b>	1745	1753	4437	2.5	4	0	4	0.2	0.2
<b>Gynae - II</b>	1596	1595	4411	2.8	8	3	5	0.5	0.3
<b>Gynae - III</b>	1774	1772	4544	2.6	3	1	2	0.2	0.1
<b>Gynae. - IV</b>	1273	1277	3814	3.0	7	2	5	0.5	0.4
<b>Gynae - V</b>	1594	1595	4061	2.5	9	1	8	0.6	0.5
<b>Gynae - VI</b>	1626	1598	4066	2.5	44	2	42	2.8	2.6
<b>Total-Gynae</b>	9608	9590	22421	2.3	71	203	63	0.7	0.7
<b>Obst. - I</b>	1905	1897	10206	5.4	16	8	8	0.8	0.4
<b>Obst. - II</b>	2240	2225	12216	5.5	19	7	12	0.9	0.5

Obst. - III	2096	2101	11724	5.6	15	9	6	0.7	0.3
Obst. - IV	1982	1978	10626	5.4	19	8	11	1.0	0.6
Obst. - V	2147	2169	11234	5.2	19	5	14	0.9	0.6
Obst. - VI	2011	2024	11084	5.5	27	11	16	1.3	0.8
<b>Total-</b>									
<b>Obstetrics.</b>	12381	12394	57080	4.6	115	48	67	0.9	0.5
Medicine - I (A)	4193	4186	17295	4.1	1113	606	507	26.6	14.2
Medicine - I (B)	3846	3846	17850	4.6	1009	591	418	26.2	12.8
Medicine - II (A)	3981	3981	17694	4.4	885	529	356	22.2	10.3
Medicine - II (B)	4619	4618	19757	4.3	1149	693	456	24.9	11.6
Medicine - III (A)	4473	4474	18580	4.2	1168	677	491	26.1	12.9
Medicine - III (B)	4489	4492	27529	6.1	1025	616	409	22.8	10.6
<b>Total-Medicine.</b>	25601	25597	108999	4.3	6349	3712	2637	24.8	12.0
Hematology & Nuclear Med.	659	659	3425	5.2	113	57	56	17.1	9.3
Neurology	254	254	1969	7.8	7	1	6	2.8	2.4
Dermatology	167	162	1714	10.6	6	0	6	3.7	3.7
Nephrology	1118	1114	3069	2.8	5	2	3	0.4	0.3
Urology	1780	1778	15702	8.8	23	4	19	1.3	1.1
Respiratory Medicine	1495	1496	5784	3.9	133	36	97	8.9	6.6
Cardiology	3821	3823	15612	4.1	184	100	84	4.8	2.3
Psychiatry	326	323	2973	9.2	2	0	2	0.0	0.0
Paed. - I	5537	5541	23847	4.3	384	188	196	6.9	3.7
Paed. - II	3859	3859	20270	5.3	401	196	205	10.4	5.6
Paed. - III	3774	3771	20270	5.4	338	195	143	9.0	4.0
<b>Total-</b>									
<b>Paediatrics.</b>	13170	13171	64387	4.9	1123	579	544	8.5	4.3
NEO - NATAL	16322	16263	58826	3.6	438	181	257	2.7	1.6
Endocrinology	260	257	2842	11.1	3	0	3	1.2	1.2
Oncology	6002	6002	15067	2.5	36	12	24	0.6	0.4
Sport Injury	2036	2045	10163	5.0	0	0	0	0.0	0.0

## GENDERWISE DISTRIBUTION

UNIT	ADMISSIONS				DISCHARGES			Page No-4		
	Male	Female	M.Child	F.Child	Total	Male	Female	M.Child	F.Child	Total
<b>GRAND TOTAL</b>	41259	49800	20993	14812	126864	41275	49780	20986	14768	126809
S - I (A)	743	471	0	0	1214	747	471	0	0	1218
Tetanus	0	0	0	0	0	0	0	0	0	0
S - I (B)	705	430	0	0	1135	706	431	0	0	1137
S - II (A)	602	406	0	0	1008	605	408	0	0	1013
S - II (B)	656	440	0	0	1096	660	438	0	0	1098
S - III (A)	616	403	0	0	1019	618	405	0	0	1023
S - III (B)	628	408	0	0	1036	630	407	0	0	1037
<b>Total-Surgery</b>	3950	2558	0	0	6508	3966	2560	0	0	6526
Paed. Surgery	0	0	1402	696	2098	111	58	1399	694	2262
Radioterapy	1752	2080	14	11	3857	1754	2083	15	10	3862
Cancer Surgery	91	115	2	1	209	92	114	2	1	209
Neuro Surgery	3101	1157	748	455	5461	3101	1158	746	456	5461
Cardio Thoracic Surgery	254	145	70	13	482	255	145	70	17	487
Ortho - I	513	154	83	58	808	511	155	83	57	806
Ortho - II	666	180	108	44	998	669	180	108	45	1002
Ortho - III	531	131	105	45	812	529	130	106	44	809
Ortho - IV	599	176	87	41	903	182	51	29	20	282
Ortho - V	481	94	183	145	903	283	67	57	57	464
Ortho - VI	493	132	69	37	731	2429	685	455	266	3835
Spine Care Unit	140	68	9	17	234	156	66	9	16	247
<b>Total-Ortho</b>	3439	935	644	387	5405	3433	931	645	395	5404
Rehabilitation	17	19	1	3	40	17	19	1	3	40
Burns & Plastic Surgery	1204	673	580	402	2859	1205	677	581	399	2862
E.N.T.	763	577	134	95	1569	764	577	133	93	1567
Eye - I	1171	1122	62	35	2390	1169	1122	62	33	2386
Eye - II	518	451	9	8	986	519	449	7	9	984
<b>Total-Eye</b>	1689	1573	71	43	3376	1688	1571	69	42	3370
Gynae. - I	0	1745	0	0	1745	0	1753	0	0	1753
Gynae. - II	0	1596	0	0	1596	0	1595	0	0	1595
Gynae. - III	0	1774	0	0	1774	0	1772	0	0	1772
Gynae. - IV	0	1273	0	0	1273	0	1277	0	0	1277
Gynae. - V	0	1594	0	0	1594	0	1595	0	0	1595
Gynae. - VI	0	1626	0	0	1626	0	1598	0	0	1598
<b>Total-Gynae</b>	0	9608	0	0	9608	0	8584	0	0	8584
Obst. - I	0	1905	0	0	1905	0	1897	0	0	1897
Obst. - II	0	2240	0	0	2240	0	2225	0	0	2225
Obst. - III	0	2096	0	0	2096	0	2101	0	0	2101
Obst. - IV	0	1982	0	0	1982	0	1978	0	0	1978
Obst. - V	0	2147	0	0	2147	0	2169	0	0	2169
Obst. - VI	0	2011	0	0	2011	0	2024	0	0	2024
<b>Total-Obstetrics.</b>	0	12381	0	0	12381	0	12394	0	0	12394
Medicine - I (A)	2555	1638	0	0	4193	2558	1628	0	0	4186
Medicine - I (B)	2277	1569	0	0	3846	2277	1569	0	0	3846
Medicine - II (A)	2372	1609	0	0	3981	2371	1610	0	0	3981
Medicine - II (B)	2715	1904	0	0	4619	2712	1906	0	0	4618
Medicine - III (A)	2677	1796	0	0	4473	2681	1793	0	0	4474
Medicine - III (B)	2692	1797	0	0	4489	2692	1800	0	0	4492
<b>Total-Medicine.</b>	15288	10313	0	0	25601	15291	10306	0	0	25597

Hematology & Nuclear Med.	367	274	15	3	659	367	274	15	3	659
Neurology	144	92	10	8	254	145	91	10	8	254
Dermatology	101	56	3	7	167	97	55	3	7	162
Nephrology	719	387	11	1	1118	719	383	11	1	1114
Urology	1330	360	68	22	1780	1328	360	68	22	1778
Respiratory Medicine	835	645	9	6	1495	836	644	10	6	1496
Cardiology	2431	1298	56	36	3821	2433	1298	56	36	3823
Psychiatry	177	142	5	2	326	175	141	5	2	323
Paed. - I	0	0	3479	2058	5537	0	0	3480	2061	5541
Paed. - II	0	0	2332	1527	3859	0	0	2333	1526	3859
Paed. - III	0	0	2272	1502	3774	0	0	2269	1502	3771
<b>Total-Paediatrics</b>	0	0	8083	5087	13170	0	0	8082	5089	13171
NEO - NATAL	0	0	8878	7444	16322	0	0	8874	7389	16263
Endocrinology	59	118	38	45	260	58	117	38	44	257
Oncology	1925	4026	35	16	6002	1924	4023	35	20	6002
Sport Injury	1623	268	116	29	2036	1627	269	118	31	2045

**DATA ON OUT PATIENTS ATTENDANCE FOR THE YEAR 2021**

Sl.No.	Name of the O.P.D.	NEW	REPEAT	TOTAL	Daily Average
1	Medicine	111786	83904	195690	654
2	Paediatrics	23966	17297	41263	138
3	Dermatology	60343	37698	98041	328
4	S.T.D.	2205	2562	4767	16
5	Surgery	44996	55590	100586	336
6	Paediatric Surgery	5627	6170	11797	39
7	Dentistry	25077	13930	39007	130
8	Cardio Thoracic Surgery	2575	5863	8438	28
9	(a) Orthopaedic ( Fracture Clinic )	37738	43386	81124	271
10	(b) Orthopaedic (Non Fracture Clinic)	21345	20200	41545	139
11	SIC	39028	33141	72169	241
12	E.N.T.	41691	41319	83010	278
13	Eye	28582	21891	50473	169
14	Plastic Surgery	12368	31475	43843	147
15	Burns	4011	16496	20507	69
16	Gynae	28257	24841	53098	178
17	Gynae Casualty	25364	0	25364	85
18	( a ) Obstetrics A.N.C.	24159	36598	60757	203
19	( b ) Obstetrics P.N.C.	0	0	0	0
20	Rehabilitation	39822	39214	79036	264
21	Cancer Surgery	1328	3900	5228	17
22	Psychiatry	6851	30674	37525	126
23	Radiotherapy	1428	6280	7708	26
24	Neurology	7025	22414	29439	98
25	Neuro Surgery	6710	14917	21627	72
26	Urology	12649	30804	43453	145
27	Medical Oncology	2081	14846	16927	57
28	Haematology	15317	13841	29158	98
29	Endocrinology (Thyroid & Diabetic)	5870	22442	28312	95
30	Cardiology	12363	30327	42690	143
31	Nephrology	3105	9162	12267	41
32	Resp.Medicine	6080	14653	20733	69
33	Homoeopathic	7258	8089	15347	51
34	C.G.H.S.	79395	38865	118260	396
35	Geriatric ENT	11	19	30	1
36	Geriatric General Surgery	6	8	14	0
37	Geriatric EYE	15	27	42	1

<b>38</b>	Geriatric Medicine	50	32	<b>82</b>	<b>2</b>
<b>39</b>	Accident & Emergency Services *	365080	0	<b>365080</b>	<b>1221</b>
<b>40</b>	Injection Room	94509	0	<b>94509</b>	<b>316</b>
	<b>TOTAL</b>	1206071	792875	<b>1998946</b>	<b>6685</b>
	<b>TOTAL SPECIAL CLINICS</b>	60995	66560	<b>127555</b>	<b>427</b>
	<b>GRAND TOTAL</b>	1267066	859435	<b>2126501</b>	<b>7112</b>
	<b>Working Days -</b>	<b>298</b>			
	<b>* Daily Average based on Working Days</b>	<b>#DIV/0!</b>			



Sl.No.	NAME OF OPD (SPECIAL CLINICS-2021)	New	Old	Total	Daily Average
<b>1</b>	<b>MEDICINE</b>				
	Gastrology (G.E Clinic)	1736	4662	6398	123
	Geriatric Clinic	9	12	21	0
	Rheumatology Clinic	33	100	133	3
<b>2</b>	<b>PAEDIATRICS</b>				
	After completion of Chemotherapy ACT	34	110	144	3
	Immunization	2672	1494	4166	80
	Paediatric Nephrology Clinic	164	1145	1309	25
	Paediatric Haematology Onco	180	982	1162	22
	Paediatric Neurology Clinic	407	1394	1801	35
	High Risk Clinic	207	275	482	9
	Paediatric Endocrinology	65	273	338	7
	Paediatric Chest Clinic	96	386	482	9
	Paediatric Cadiology Clinic	47	159	206	4
	ROP Clinic	122	61	183	4
	Adolescent Clinic	18	21	39	1
<b>3</b>	<b>SKIN</b>				
	Pigmentaion Clinic	58	27	85	2
	Allergic Clinic	186	107	293	6
	Follow UP Clinic	81	54	135	3
	Leprosy New	77	45	122	2
	Leprosy Old	126	69	195	4
<b>4</b>	<b>ORTHOPAEDICS</b>				
	Spine Deformity & Scoliosis Clinic	0	0	0	0
	Bone Tumor Clinic	0	2	2	0
	Knee Arthroscopy Clinic	0	0	0	0
	Hand& Re Implantation	0	0	0	0
	Physio Therapy	12248	2803	15051	50
	Occupational Therapy	9366	2685	12051	40
<b>5</b>	<b>SIC</b>				
	SIC (Physiotherapy)	1549	35943	37492	125
	SIC(Psychology Clinic)	0	0	0	0
<b>6</b>	<b>Burns &amp; Plastic Surgery</b>				
	Burns & Plastic Surgery (Physiotherapy)	20396	0	20396	68
<b>7</b>	<b>ENT</b>				
	Tumour Clinic	49	92	141	3
	Neuro Otology clinic	68	54	122	2
	Voice Clinic	7	4	11	0

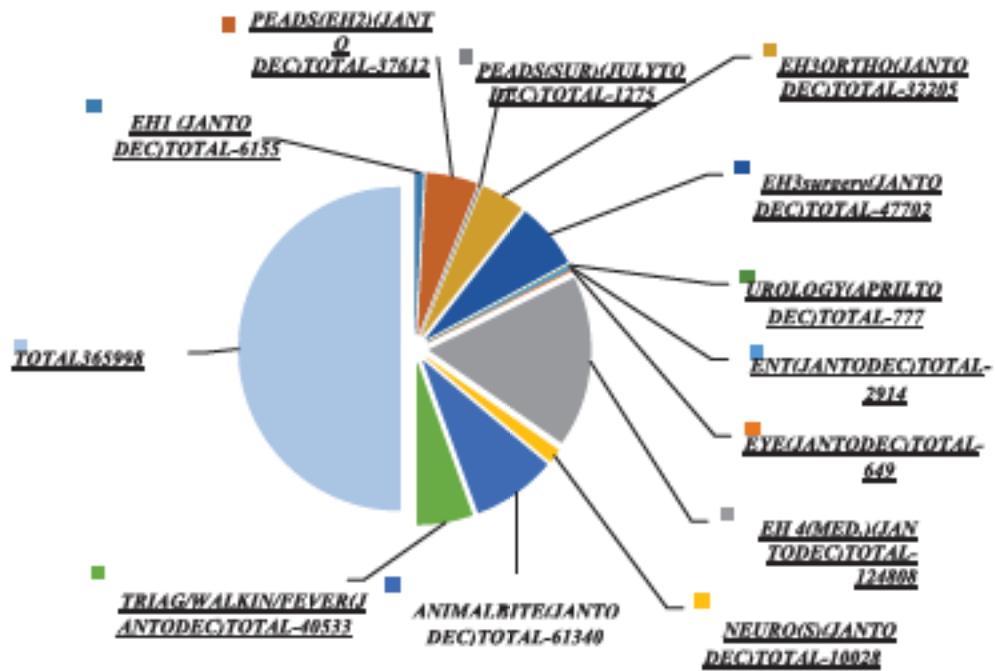
	Endoscopy	30	17	47	1
<b>8</b>	<b>Eye</b>				
	Oculoplasty	77	193	270	5
	Cornea	73	94	167	3
	Glaucoma	48	175	223	4
	Glaucoma	49	273	322	6
	Retina Clinic	109	263	372	7
<b>9</b>	<b>OBST, &amp; GYNAE</b>				
	PREVENTIVE ONCOLOGY	27	34	61	1
	FETAL MEDICINE CLINIC	78	496	574	6
	Infertility	1792	4638	6430	62
	Family Planning	5948	3506	9454	91
	REPRODUCTIVE Gynecology	8	2	10	0
	COLPOSCOPY	41	126	167	2
	NEEVA Adolescent	58	130	188	2
	Gynae Oncology	103	221	324	3
	Urogynaecology	57	126	183	2
	Menopause	27	31	58	1
<b>10</b>	<b>REHABILITATION</b>				
	Disability Board	13	23	36	1
	Cerebral Palsy	12	85	97	2
	Stroke Neuro Rehabilitation	11	17	28	1
	Polio Clinic	67	80	147	3
	Appliance Clinic	42	32	74	1
	Spinal Injury	778	759	1537	30
	Diabetic Foot	21	164	185	4
	Early Intervention Clinic	103	88	191	4
<b>11</b>	<b>RADIOTHERAPY</b>				
	ENT Tumor Clinic	0	15	15	0
	CCD	22	147	169	3
	Tumor Board Clinic	0	38	38	1
<b>12</b>	<b>PSYCHAIRY</b>				
	Psycho Sexual	478	340	818	16
	Child Guidance	213	123	336	6
<b>13</b>	<b>ANAESTHISIA</b>				
	PREANAESTHETIC CLINIC P.A.C.	0	0	0	0
	Pain & Occupuncture	0	0	0	0
<b>14</b>	<b>Palliative Pain Clinic</b>	192	1049	1241	24
<b>15</b>	<b>STD Clinic</b>	517	316	833	16
	<b>TOTAL</b>	60995	66560	127555	2453

EMERGENCY PATIENT REGISTRATION YEAR 2021 (NEB)													
MONTH	EH 1 (JANTO DEC)TO TAL- 6155	PEADS (EH2)(JA N TODEC) TOTAL- 37612	PEADS(S UR)(JUL Y TODEC) TOTAL- L=1275	EH 3ORTHO (JAN TODEC) TOTAL L=2265	EH3 surgery(J AN TODEC) TOTAL L=47702	UROLOGY( APRIL TODEC)TOT AL=777	ENTGA NTODEC C)TOTAL L=2914	EYE/JA NTODEC C)TOTAL L=649	EH4(MED -JAN TODEC)T OTAL -124808	NEURO(SK JAN TODEC)TO TAL=0028	ANIMAL BITE/JA )TOTAL L=61340	TRIAG/WALKI N/FEVER(JAN TODEC)TOTA L=40533	HIMSTOT AL
JAN.	597	2491	2278	4204	156	49	9453	805	5660	1510	27243		
FEB.	485	2717	2493	4267	223	62	9990	757	5645	2249	28888		
MAR.	518	3474	3547	4797	259	66	12654	777	6902	1636	34630		
APRIL	544	1987	1990	2970	170	60	8700	533	4202	2563	23719		
MAY	308	1806	1189	1968	108	47	3944	327	2554	2283	13766		
JUNE	490	2183	2968	3878	176	60	7775	760	4647	2975	25103		
JULY	486	2977	3279	4983	158	39	11127	702	5071	2646	31798		
AUG	534	4524	3270	5725	360	58	14447	722	4706	2738	37493		
SEP.	504	6054	3514	5073	489	67	14330	621	5013	4423	40433		
OCT.	645	4835	3096	4012	319	49	14417	1320	5304	18325	44691		
NOV.	661	3229	169	3705	202	37	11310	1854	5421	6311	35784		
DEC.	383	2135	96	2120	254	55	6661	850	6215	1774	22450		
TOTAL	6155	37612	1275	47702	777	649	124808	10028	61340	40533	365998		

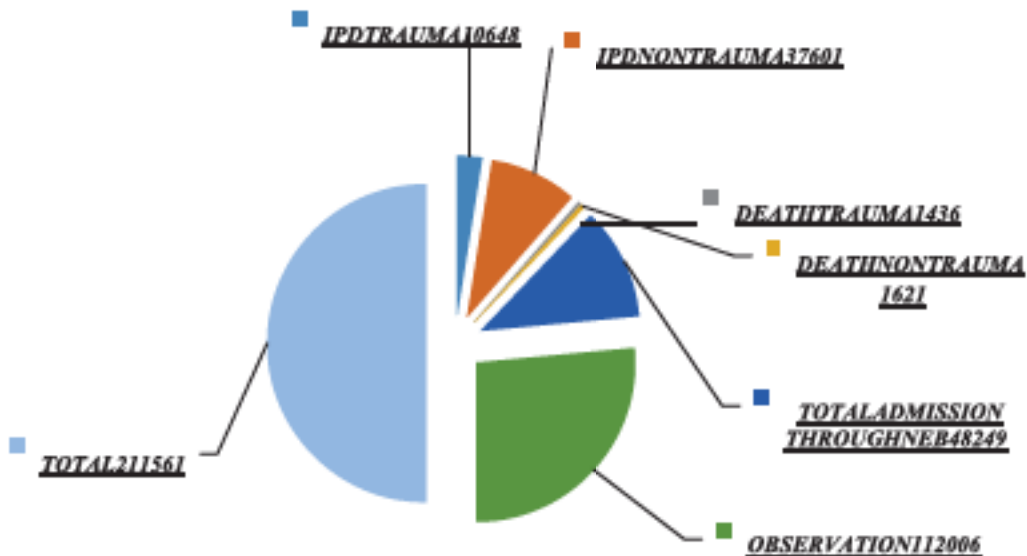
SURGERY 2021 (NEB)									
PLASTICSU R.	UROLOGY	ORTHO	NEUROSU R.	PEDIATRI CS	G-SURGERY	EN T	TOTAL	MIN. OT	
77	1	295	177	63	195	21	829	1738	
33	0	432	148	49	179	19	860	1846	
35	2	342	164	79	197	24	843	2203	
23	0	221	95	45	102	12	498	1379	
13	0	66	59	39	92	16	285	1027	
43	3	269	142	53	175	20	705	1937	
53	6	355	167	77	218	20	896	2302	
27	6	356	156	58	249	21	873	2505	
38	5	338	151	62	205	27	826	2662	
28	6	362	142	69	232	22	861	2505	
30	4	317	134	41	230	24	780	2201	
15	3	126	66	32	62	15	319	977	
415	36	3479	1601	667	2136	241	8575	23282	

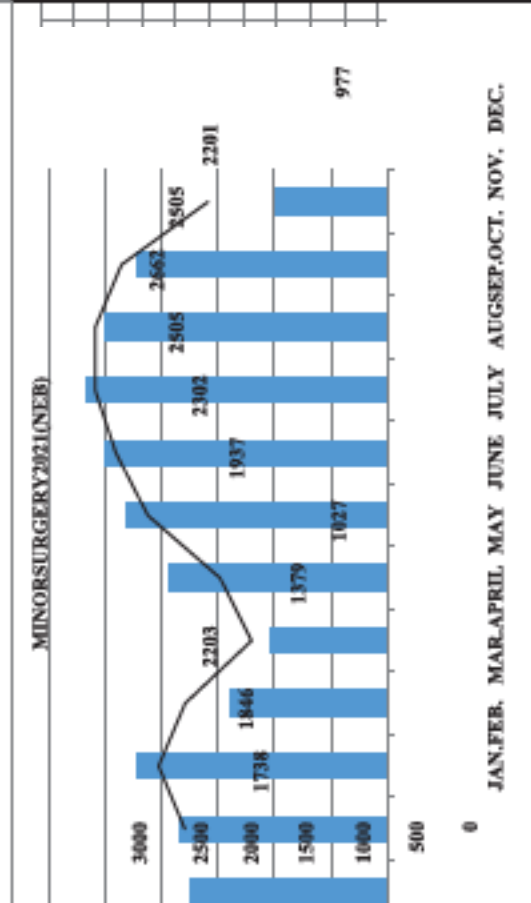
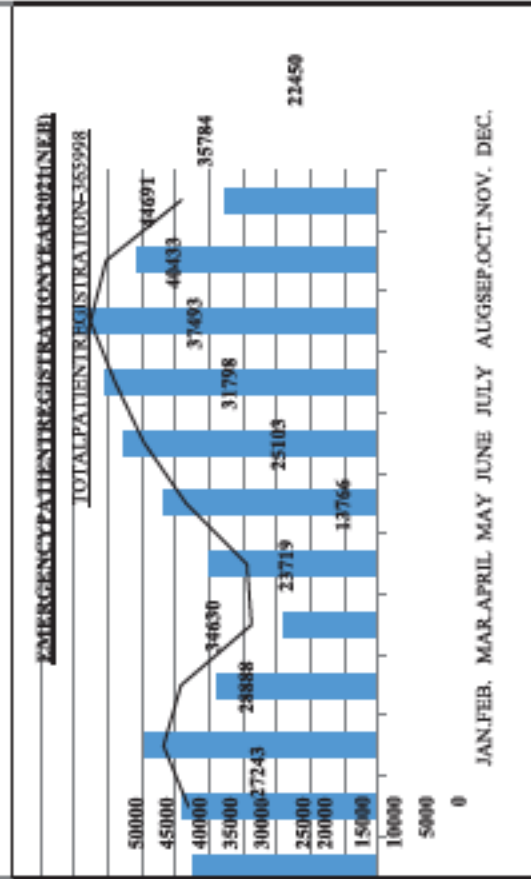
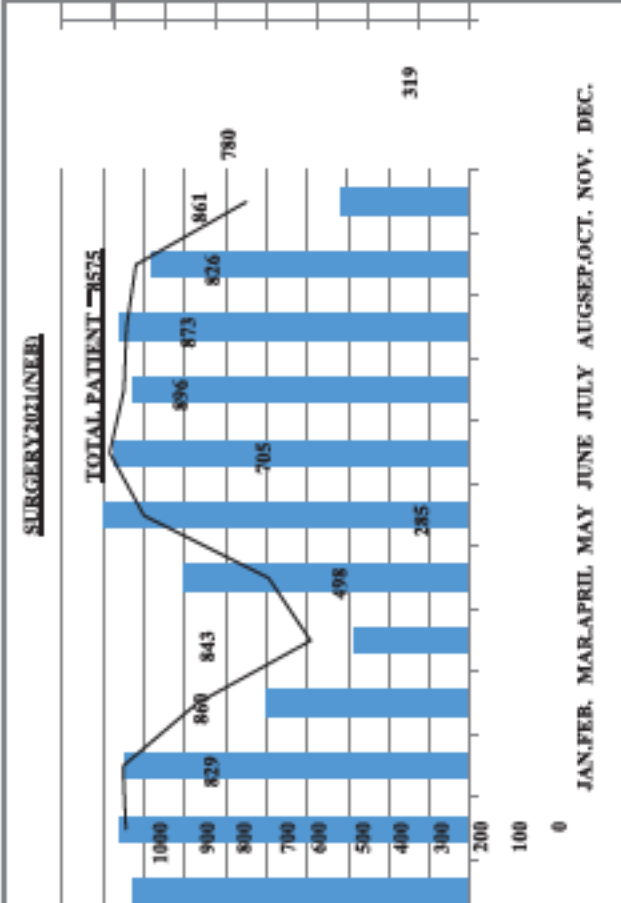
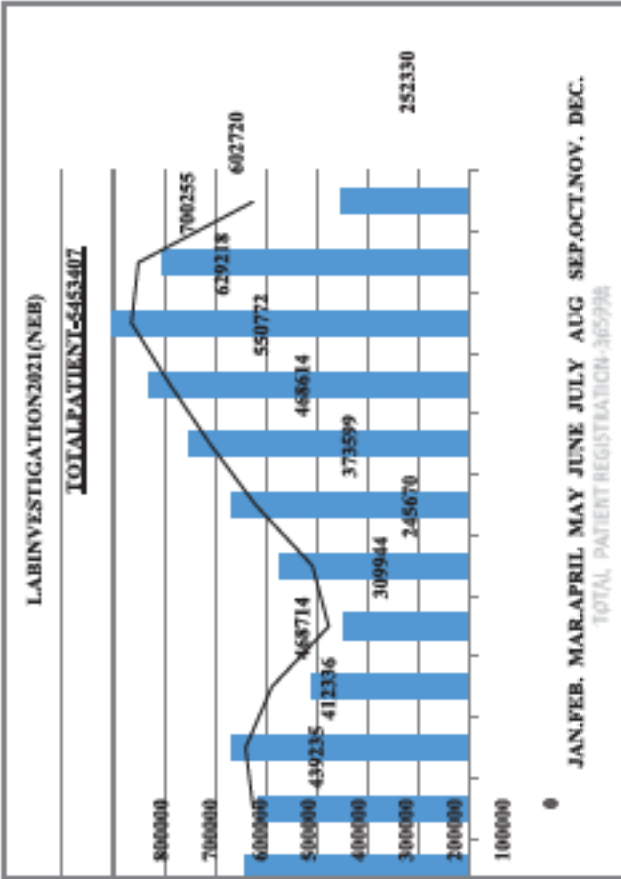
PATHOLOGY	BIOCHEMISTRY		MICRO		CT	XRAY	US	TOTAL	IPBT RAUMA	IPD NONTR AUMA	DEATH	TOTALADM SSIONTHR OUGHNEB	OBSERVATIO N	TOTAL	
	SAMPL ESRECE IVED	TES TSD ONE	SAMPL ESRECE IVED	TESTSDON E											TRAUM A
32731	213808	21313	21983	142960	3971	11892	4094	19957	1129	3118	122	105	4247	8688	17409
30983	213808	213808	20914	138056	3492	13082	4141	20715	1017	2775	134	98	3792	8830	16646
34608	245737	245737	23575	155744	3943	15230	5055	24228	1067	3196	136	130	4263	9601	18393
21495	156227	156227	16381	109762	2400	9318	3017	14735	670	2084	100	118	2754	6166	11892
16974	119647	119647	13603	90152	1914	5638	2258	9810	357	1546	76	94	1903	3640	7616
30330	194968	194968	18209	121538	3747	11749	4427	19923	917	2458	119	86	3375	7714	14669
35173	251363	251363	23133	148514	3894	14855	5704	24453	1063	2947	214	128	4000	9219	17561
41140	294460	294460	26210	178346	3973	16341	6637	26951	1038	3718	131	153	4756	11462	21258
43087	309766	309766	27258	236333	4563	15928	6113	26604	978	4485	98	155	5463	12486	23665
53149	393581	393581	29801	209488	4803	16410	6807	28920	1004	5410	114	214	6414	14916	28972
42425	313542	313542	27648	209190	4346	13714	6057	24117	975	4347	125	236	5322	12737	23742
17825	126183	126183	12338	91474	2200	5890	2600	10690	443	1517	67	104	1960	6547	10638
399920	2850595	2850595	261053	1831557	43246	150047	56910	250203	10648	37601	1436	1621	48249	112906	211561

**EMERGENCY PATIENT REGISTRATION YEAR 2021 (NEB)**



**ADMISSION THROUGH (NEB)**





# ACADEMIC CELL REPORT

## ACADEMIC CELL REPORT

### PRELUDE

The Academic Cell envisages to promote clinical skill development and academic excellence and inspire quality research in various undergraduate, postgraduate and postdoctoral university programmes run in the institution.

### FACULTY

- **Dr. Geetika Khanna**, Principal
- **Dr. Dharam Singh Meena**, Registrar
- **Dr. Sachin S Kolte**, Deputy Registrar
- **Dr. Sheetal Arora**, Deputy Registrar
- **Dr. Vinod Gupta**, Officer-in-Charge, Academics

### ACADEMIC COUNCIL

The Council, chaired by the Principal, Dr Geetika Khanna and comprising of the heads of each Department as members, meets on a regular basis to discuss and debate the various academic issues. The Council aims to achieve a smooth functioning of the institution under the ambit of regulations of the Guru Gobind Singh Indraprastha University (GGSIPU) and National Medical Commission (NMC).

A number of subcommittees have been constituted to

ensure orderly conduct of various academic programmes of the college.

### ACADEMIC PROGRAMMES

#### UNDERGRADUATE PROGRAMMES (MBBS)

The MBBS programme, started in 2002 is a 5 ½ year course with annual intake of 170 students from all over India, and is affiliated to the Guru Gobind Singh Indraprastha University, Delhi.

Pass percentage in the undergraduate programmes is as follows:

- 1<sup>st</sup> MBBS – Annual examination, 2021 - 92 % & Supplementary Examination, 2021- 69.3 %
- 2<sup>nd</sup> MBBS – Annual examination, 2021 - 92.22 % & Supplementary Examination, 2021- 85.18 %
- 3<sup>rd</sup> MBBS Part I – Annual examination, 2021 – 84.45 % & Supplementary Examination, 2021- 76.86 %
- 3<sup>rd</sup> MBBS Part II – Annual examination, 2021 - 88 % & Supplementary Examination, 2021- 71.42 %

Name of Toppers	Marks	Subject
BHAVYAARORA	745/900	1 <sup>st</sup> position in MBBS First Prof (Main Batch 2020)
MEDHANSH KAPOOR	723/900	2 <sup>nd</sup> position in MBBS First Prof (Main Batch 2020)
SNIGDHA BASU	722/900	3 <sup>rd</sup> position in MBBS First Prof (Main Batch 2020)
BHAVYAARORA	253/300	Highest marks in Anatomy
HARSHITA CHAUDHARY	257/300	Highest marks in Biochemistry
BHAVYAARORA	237/300	Highest marks in Physiology
ISHAAN MISHRA	725/900	1 <sup>st</sup> position in MBBS Second Prof (Main Batch 2019)
PAYAL BUGALIA	713/900	2 <sup>nd</sup> position in MBBS Second Prof (Main Batch 2019)
ISHIKA	702/900	3 <sup>rd</sup> position in MBBS Second Prof (Main Batch 2019)
FIDETA A MASSAR	226/300	Highest marks in Pharmacology
ISHAAN MISHRA	255/300	Highest marks in Microbiology
ISHIKA	252/300	Highest marks in Pathology
RASHI HASIJA	293/400	1 <sup>st</sup> position in MBBS Third Prof Part 1 (Main Batch 2018)
DEERAJ YADAV	286/400	2 <sup>nd</sup> position in MBBS Third Prof Part 1 (Main Batch 2018)
ANSHIKA JAIN	282/400	3 <sup>rd</sup> position in MBBS Third Prof Part 1 (Main Batch 2018)
NIDA SALIM	142/200	Highest marks in Community Medicine
RASHI HASIJA	80/100	Highest marks in Ophthalmology
DHEERAJ YADAV	74/100	Highest marks in ENT
DINESH KUMAR SOLANKI	74/100	Highest marks in ENT
SHUBHI GUPTA	680/900	1 <sup>st</sup> position in MBBS Third Prof Part 2 (Main Batch 2017)
AARUSHI NARWANI	672/900	2 <sup>nd</sup> position in MBBS Third Prof Part 2 (Main Batch 2017)
SAHIL SINGLA	662/900	3 <sup>rd</sup> position in MBBS Third Prof Part 2 (Main Batch 2017)
ANKITA GUPTA	662/900	3 <sup>rd</sup> position in MBBS Third Prof Part 2 (Main Batch 2017)
ISHA YADAV	225/300	Highest marks in Medicine
AARUSHI NARWANI	237/300	Highest marks in Surgery
AASTHA VIRMANI	158/200	Highest marks in Obstetrics & Gynaecology
AMISHA GUPTA	81/100	Highest marks in Pediatrics

#### LIST OF GOLD MEDALISTS (GRADUATE COURSE – MBBS)

#### POST GRADUATE AND SUPERSPECIALIY PROGRAMMES (MD, MS, DNB, DM, MCh, Fellowships)

The Post Graduate and Post Doctoral courses offered by the college under the affiliation of Guru Gobind Singh Indraprastha University, offers an opportunity to the Graduate and Post Graduate students to attain expertise in various disciplines. There are a total of

313 postgraduate (MD/MS) seats recognised by the university; 43 seats in super speciality fields (DM/MCh), 7 seats of Diplomate of National Board of Examination and 4 seats of Fellowship of National Board.

Pass percentage of MD/MS in Annual Examination in 2021: 97.34 %

Pass percentage of DM/MCh in Annual Examination in 2021: 100%



**SUBJECT WISE TOPPERS IN MD/ MS, DNB, DM/MCh**

Name of Student	Name of Course	Total Marks	%	Position
Dr Joseph George Tharion	MD Anaesthesiology	590	73.75	1 <sup>st</sup>
Dr Mohan Ram K	MD Anatomy	475	59.38	1 <sup>st</sup>
Dr Rohit Kumar	MD Biochemistry	564	70.5	1 <sup>st</sup>
Dr Mogan K A	MD Community Medicine	522	65.25	1 <sup>st</sup>
Dr Molisha Bhandari	MD Dermatology	534	66.75	1 <sup>st</sup>
Dr Joban Preet Singh Deol	MD General Medicine	623	77.88	1 <sup>st</sup>
Dr ChebroluHethu	MS General Surgery	577	72.13	1 <sup>st</sup>
Dr Priyanka Jangra	MD Microbiology	480	60	1 <sup>st</sup>
Dr Monica	MD Pathology	592	74	1 <sup>st</sup>
Dr Palak Khara	MD Pediatrics	574	71.75	1 <sup>st</sup>
Dr NichwaLeewenhoek S Nongtduu	MD Pharmacology	477	59.63	1 <sup>st</sup>
Dr Deepthi S Johnson	MD Physical Medicine and Rehabilitation	524	65.5	1 <sup>st</sup>
Dr Dilip Kumar	MD Physiology	457	57.13	1 <sup>st</sup>
Dr Rupam Dhiman	MD Psychiatry	535	66.88	1 <sup>st</sup>
Dr Sabeena	MS Obstetrics and Gynaecology	521	65.13	1 <sup>st</sup>
Dr Shruti Revankar	MS Ophthalmology	57	71.5	1 <sup>st</sup>
Dr NyaiEte	MS Ophthalmology	57	71.5	1 <sup>st</sup>
Dr Lakshman	MS Orthopedics	578	72.25	1 <sup>st</sup>
Dr Karthika Nathan	MS Otorhinolaryngology	531	66.38	1 <sup>st</sup>
Dr Hemendra	MD Radiotherapy	632	79	1 <sup>st</sup>
Dr Savyasachi Jain	MD Radiodiagnosis	607	75.88	1 <sup>st</sup>
Dr Shubham Ahuja	MD Sports Medicine	485	60.63	1 <sup>st</sup>
Dr Tushar Agarwal	DM Cardiology	565	70.63	1 <sup>st</sup>
Dr Cantika Choudhary	DM Neurology	568	71	1 <sup>st</sup>
Dr Mahendran A J	DM Pulmonary Medicine	537	67.125	1 <sup>st</sup>
Dr Madhur Kumar	MCh CTVS	472	59	1 <sup>st</sup>
Dr Frankie ShadapSiangshai	MCh Neurosurgery	474	59.25	1 <sup>st</sup>
Dr Anjana Sreedharan	MCh Pediatric Surgery	601	75.13	1 <sup>st</sup>
Dr Dharini	MCh Plastic Surgery	581	72.63	1 <sup>st</sup>
Dr Patel Samarth Rashmikant	MCh Urology	664	83	1 <sup>st</sup>

**ALLIED COURSES DEGREE COURSES**

- Bachelors in Prosthetics and Orthotics  
The Department of Physical Medicine and Rehabilitation runs 4years' Bachelors in Prosthetics and Orthotics programme in affiliation with GGSIP University, Delhi. 16 students were enrolled in the year 2021.
- Bachelors in Medical Laboratory Technology:  
The institution also has a three years Bachelor programme (BSc, MLT) for the which is run by Department of Pathology, having a sanctioned strength of 25 seats. The admission to this course is

conducted through GGSIP University.

- Bachelors in Medical Imaging Technology  
The Department of Radiodiagnosis has initiated a Bachelors in Medical Imaging Technology (BSc-MIT) affiliated to the GGSIP University with a sanctioned intake of 12 students.

**DIPLOMA COURSES**

- A Pre-Hospital Trauma Technician (PTT) course is being run by Anaesthesia Department for a duration of one year and has a sanctioned strength of 30 students.

### **STUDENTS AWARDS AND ACHIEVEMENTS**

- The college's Fashion society "Elan" bagged 1st position in MAMC festival "Synapse" held in October 2022
- College's Football team got 2nd position in AIIMS Jodhpur Intercollege Football 'Aura Cup' during April 2022
- During World Antimicrobial Awareness Week 2021 in November, Department of Microbiology organised Poster Making competition where FidetaMassar achieved 1st position, Limasangla Walling 2nd position and Lagan Sethi 3rd Position. Slogan writing was also organised and Pratik Sarangi got 1st position, Thungdeno P Ngully 2nd position while Varun, Rishab, Vaibhav and Sunny Goyal got 3rd position.

- Shikhar Dabas was adjudged 3<sup>rd</sup> position in Essay writing competition during vigilance awareness week 2021

### **SCHOLARSHIPS DISBURSED**

A total of 50 students availed of various scholarship schemes, including the Top Class Fellowship for Higher Education of ST students, National Fellowship for higher education of ST students, Post matriculation scheme for minorities, National Talent Search Examination scholarship and various other Departmental Scholarships, EWS scholarship offered by the Government of NCR through GGSIP University.

## Achievements of Undergraduate Students

### **NEET PG AND INICET EXAM (2015 Batch)**

#### **INICET May 2021**

- Dr. Nandita – AIR 15
- Dr. Ayush Singla - AIR 29
- Dr. Chiranjeev – AIR 50
- Dr. Manika Malik – AIR 58
- Dr. Ruchika – AIR 75

#### **Nov AIIMS 2021**

- Dr. Hanny - AIR 54
- Dr. Nimish – AIR 208
- Dr. Aastha Choudhary - AIR 300

#### **NEET PG 2021**

- Dr. Manika Malik - AIR 43
- Dr. Arushi – AIR 333

### **SPORTS ACHIEVEMENTS By Keshav Nagpal (2018 Batch)**

- Best Batsman in friendly match between VMMC vs AIIMS - 7th feb 2021
- Best Batsman in Ekta tournament - 17 October 2021
- Man of the Match & Man of the Series in 2nd Dr Divij Memorial Tournament - 12 Nov 2021
- Best Batsman in Ekta Tournament - 25 December 2021

#### **By Vishwas Balyan (2019 Batch)**

- Best Bowler vs Gurgram Dynamos - 11 March 2021
- Man of the match vs HrhDnb - 7 April 2021
- Best bowler in match between VMMC vs NDMC - 9 April 2021
- Best bowler vs Royal striker nathupur - 20 June 2021
- Man of the match in match between VMMC vs NDMC -1 July 2021
- Best batsman in match between VMMC vs NDMC - 1 July 2021
- Best Bowler in match between VMMC vs NDMC - 07 July 2021
- Best Batsman in match between VMMC vs UCMS - 14 Aug 2021

### **SOCIETY ACHIEVEMENTS By Kalvalya (Street Play Society of VMMC)**

- 3<sup>rd</sup> position in Short Video Making Competition by AIIMS Deoghar: Quit Tobacco - 5 June 2021
- AIIMS AQUISIS: Metamorphosis – 5 July 2021
- 1<sup>st</sup> Position in Skit Making Competition by NMC (Organ Donation) – 16 August 2021

### **ACHIEVEMENTS IN COMPETITIONS By Shreya Menon (2018 Batch)**

- 1st position in Madhumeh - A quiz on Diabetes Mellitus organized by AMSA - India on 5th February'21
- 3rd position in the Shraddhaa- Medhunt, a 5 level All India Quiz competition organized by Andhra Medical College from 15th July'21 - 17th July'21 to mark their 99th Foundation Day.

#### **By Ayan Agarwal (2018 Batch)**

- 2nd position in Madhumeh Diabetes Quiz held on 5th Feb 2021
- 3rd position in Asclepius Clinicmania held on 10th August 2021
- 2nd position in Medicinverse held on 14th August 2021
- 3rd position in DiagKnows held on 17th Oct 2021

#### **By Shikhar Dabas (2019 Batch)**

- 3<sup>rd</sup> prize in GOI SatarktaJagruktaSaptah, Took place in VMMC in December 2021

#### **By Prabudh and Nitin Gupta (2017 Batch)**

- IAP Quiz, State level 2nd runner up held on 24<sup>th</sup> September 2021 at Kalawati Saran Children's Hospital

### **PUBLICATIONS**

#### **Sanjeeva Kumar Reddy (2018 Batch)**

- Research published in Indian journal of health science and care- Evaluation of Knowledge Attitude and Practices of Medical Undergraduate Students Towards COVID Vaccination

## **MEDICAL STUDENTS' ASSOCIATION OF INDIA (MSAI)**

MSAI is a non-government organization of, for and by medical students. It is India's first both nationally & internationally represented organization for medical students. MSAI-India is a registered society in New Delhi under the Societies Act and is dedicated to work for the welfare of medical students across the country and to enhance the healthcare in India. Following positions were held by students of VMMC in 2021 under MSAI –

- Dr Yash Rathi (2016 Batch) – Regional Director for Northern India (RD North)
- Soham Aggarwal (2018 Batch) – National Officer on Human Rights and Peace (NORP)
- Shikhar Dabas (2019 Batch) – National Officer on Medical Education - General Assistant (NOME-GA)
- Pratik Sarangi (2019 Batch) – National Officer on Public Health – General Assistant (NPO-GA)
- Mayank Azad (2019 batch) – Local Officer on Reproductive Health and Sexual Health (LORA)
- Varsha Maurya (2020 Batch) – Local Officer on Human Rights and Peace (LORP)
- Harshita Chaudhary (2020 Batch) – Local Officer on Research Exchange (LORE)
- Pankhuri Sirohi (2020 Batch) – Local Officer on Public Health (LPO)
- Ayushi Gupta (2020 Batch) – Local officer on Medical Education (LOME)
- Asmita Shah (2020 Batch) – Local Officer on Professional Exchange (LEO)

Events	Category	Achievement
VPL- VARDHMAN PREMIER LEAGUE	1. KABADDI a) GIRLS	i) 1st position (20 batch)  Ishika Aakriti Modi Ankita Singh Aarti Meena Kanak Sinha Shweta Singh Prema Yadav Nikita Sheoran  ii) 2nd position  Shreya (19) Sejal (19) Payal (19) Surabhi sahu (18) Noopur (18) Ankruti (18) Ishika Chaudhary (19) Anoushka khushi (18)
	1. KABADDI b) BOYS	1st position KABADDI (Boys) Yogendersingh Lakshayyadav Jatin mor Vishal kohli Amit sahu Abhishek Vashisht Vansh Garg
	2) BASKETBALL	<u>2nd position</u> • Badal • Anuj • Abhishek Gupta
	3) ARM WRESTLING	1st: lakshya 2nd: badal
	4) CHESS	1st- Mehrab 2nd- Ayush Deep
	5) FIFA	1st position- Anuj kothari
BEAT THE HEAT SPORTS TOURNAMNET (INTER COLLEGE) - SM	1) FOOTBALL	<u>1st position:</u> Goalkeeper- Utkarsh Panwar  Defenders- Abhishek Gupta Daksh Kamboj Harjinder Singh Mahal Prakhar Singh  Midfielders- Pulkit Gupta Anuj Kothari ArshanKhongwir  Forwards- Umang Sharma Faiz Ahmad Khan

AIIMS JODHPUR INTERCOLLEGE FOOTBALL Aura Cup		Umang Sharma Abhishek Gupta Nikunj Gupta (2019) Kartik Upreti (2019) Faiz Ahmad Khan (2019) Kashif Alam (2019) Shardool Pandit (2019) Gokul Nirwal (2018)
Dr Pranshu Cup Memorial tournament (intercollege)		<b>2nd position</b> Goalkeeper- Utkarsh Panwar  Defenders Daksh Kamboj Harjinder Singh Mahal Abhishek Gupta  Midfielders Pulkit Gupta Anuj Kothari Arshan Benrio  Striker Umang Sharma Abhinav Raj  Top Goal scorer- Umang Sharma
MEDSICON	1)Just a minute  2)Medsicon Scientific	Umang Sharma- 3rd position  Paper Writing Best Letter to editor (top10)- Harshita Chaudhary

**BRIEF WRITE UP ON DISTINCTIONS ATTAINED IN SPORTS AND EXTRA CURRICULAR ACTIVITIES AT THE UNIVERSITY OR INTER-UNIVERSITY LEVEL BY THE STUDENTS.**

World Anaesthesia Day Cultural Programme (Virtual)16th October 20Virtual Cultural Programme From Various Hospitals On Event Of World Anaesthesia Day. Participation By: Dr.Amita Gupta, Dr. Shipra Aggarwal, Dr. Mamta Panwar, Dr.Arushi Gupta, Dr.PratitiChoudhuri, Dr. Ira Balakrishnan

**NAMES OF THE STUDENTS/RESIDENTS WHO HAVE ATTAINED DISTINCTIONS IN VARIOUS UNIVERSITY EXAMINATIONS/NATIONAL OR INTERNATIONAL CONFERENCES.**

- Dr. Sakshi Gupta
- Dr. YazhiniAa
- Dr. Mohd. Gayaz
- Dr. Neha
- Dr. Pallavi Paruthi

# Graduating Students Roll

## MBBS Batch 2014

AMIT KUMAR  
JATIN GODARA  
RIDAM  
NIKITA GARG  
PRASANT SHARMA  
AKSHAY KUMAR  
RAGHURAJ CHAWLA  
KAVIN BHOGAR  
MANAS KHARE  
ANISH ANAND  
ANJALI GARG  
TANMAY YADAV  
JASMINE BAJWA  
PRASHANT BAJAJ  
PRARIT VARSHNEY  
AKSHAT SAXENA  
HARSHITA  
ARINJAY JAIN  
WASIM UR RAHMAN  
PRAKHAR SRIVASTAVA  
RAHUL RAMCHANDANI  
GAURAV GUPTA  
SAURABH  
SAI SAURABH VEDURMUDI  
ROHIL JAIN  
FURQUAN AHMAD  
MANSI JAIN  
GAURAV WADHWA  
RAHUL SANGWAN  
DEEPAK GODHWAL  
NIDHI YADAV  
ROHIT KATARIA  
MOHIT MITTAL  
AKANKSHA GUPTA  
KAMAKSHI KHARBANDA

PIYOOSH PRIYADARSHEE  
VIPIN KUMAR  
ABHINAV NAKRA  
SHAMSHEER ALAM  
HARSHIT AGARWAL  
SAKSHAM JAIN  
ABHISHEK  
DEEPANSHU  
MAYANK MOHAN GUPTA  
SAMEER AHLUWALIA  
PRINCE DHAMIJA  
AROSH SINGH  
VASUNDHARA MATHUR  
SHUBHI JAIN  
KARAN BARAT  
ADITI TRIPATHI  
APARAJITA SONI  
SUSHMA MEENA  
SHUBHANK GOYAL  
SARTHAK SAXENA  
CHANPREET DHALIWAL  
GAURAV GOEL  
DUSHYANT GAUR  
UTKARSH KUMAR  
SAURABH GUPTA  
KAVYA GOYAL  
ANANT GUPTA  
NEHA GOYAL  
RAHUL SHARMA  
RAVINDRA KANTHALIYA  
TUSHAR ABHINAV  
ANANDI GOYAL  
MANISH SHARMA  
UDAY AGARWAL  
SANJEEVANI NANDA

VIKARNT KUMAR MEENA  
NIMISHA KAUSHAL  
SNIMARJOT KAUR  
UTKARSH RATHI  
PRASHANT SINGH  
AYUSHI  
RABEEBA T.C.  
RAVI KUMAR  
MONIKA RANA  
SUBHASHMITA MALIK  
FARAZ MUSHIR  
VANDANA KUMARI  
SHYAMKANHAI SHARMA  
ANIL KUMAR  
NITIN PANWAR  
GANESH YADAV  
RACHNA  
NILESH VERMA  
ARVIND SINGH  
AKSHAY KUMAR  
DEEPAK KUMAR  
CHANDRA KANT SINGH  
ROHIT KUMAR  
SWATI  
MUKESH MEENA  
NISHA SWAMI  
MANISH KUMAR  
RICHA SHARMA  
NIRBHAY KUMAR  
GURSHARAN SINGH  
NIDHI HOODA  
RASHI SAINI  
KOMAL  
ADITI RAJ  
DIPUSH SWARUP

SUSHMA SINGH  
SUSHANT TANWAR  
NUPUR  
PIYUSH PRABHA SINGH  
PRIYANSHU KUMAR  
APROOVA SINGH  
PARUL TANWAR  
MOHIT RAJORA  
SAURABH SUMAN  
VISHWASH KUMAR  
SWETA ANAND  
SHIVANG KAUSHAL  
PRASHANT KUMAR  
ROHIT GOYAL  
BHAVSIMRAN SINGH MALHI  
SHAGUN SINGH  
PARKHI BHARTI  
ANKITA  
ANURAG KUMAR  
HIMALAY AGARWAL  
JAGBIR SINGH  
JYOTI  
PREYANK S KUMAR  
SHREYAS PATNAIK  
SHRI RAM MEENA  
SIDHARTH AGARWAL  
TAMANNA VEER SINGH  
VEKHOTSO NYEKHA  
ANUBHAV DESWAL  
**MBBS Batch 2015**  
CHIRANJEEV SINGH SETHI  
AKANKSHA AGARWAL  
ISHAAN SIWACH  
AYUSH SINGLA  
ARUSHI GOYAL  
SONAM SINGH  
SUSHIL RANJAN  
AYUSH AGARWAL  
NIKHIL VASUDEVA  
RUCHIKA MOHAN  
AKSHUN JANI  
SANCHIT  
NIKHIL KUMAR GILL  
AMANDEEP SINGH  
RAJAT SAINI

APOORVA AGARWAL  
DIVYA MANCHANDA  
ZOYA FATIMA  
ANUSHA AGRAWAL  
FAITH JIWAKHAN  
JITENDRA MEENA  
PRIYANSHU  
MANSUNDERBIR SINGH  
DEEPAK KUMAR MEENA  
DEEPAK  
CHETNA SIWACH  
VATSAL GUPTA  
RAVI TALAPA  
VIKRAM KUMAR  
ABHINAV SIROHA  
SHUBHAM GAUTAM  
GORANGI RANDHAWA  
PRANKUR SINGH  
PRIYA LAL  
KRITIKA BHASKAR  
MADHURI  
PRASHANT KUMAR  
NEHA PANDEY  
TUSHAR GUPTA  
BHANU PRATAP REDDY  
DEEPAK FAGERIA  
NAVEEN  
VARSHA SEHRAWAT  
AYUSH MUZALDA  
KARITIK CHAUDHARY  
SAKSHI KUMARI  
SUJATA SEHRAWAT  
AASTHA CHOUDHARY  
NIKITA GUPTA  
AYUSH SINGHAL  
DHRUV YADAV  
AKSHAY YADAV  
MUKUL  
SURYA GAHLOT  
SANJANA  
REENA KUMARI MEENA  
PRAROOP GARG  
SEZAL  
RAHUL GUPTA  
DEEPAK SHARMA

ROHIT  
HIMANSHU GARG  
ABHINAV UTKARSH  
PARVEEN DAGAR  
IVANSHI BAIJNATHAN  
SNIGDHA GULATI  
RAMYASH GOYAL  
VISHAV RAKESH DAMATHIA  
ARVIND KUMAR  
SAURAV DHAWAN  
SIDDHARTH GARG  
MANNAT MAHAJAN  
HANNY SHARMA  
SHAURYA YADAV  
RAVINDER SINGH  
SHIVAM SAUMY  
NIMISH SANDOOJA  
VANSI BHOLA  
AKSHIT ARORA  
AYUSH JAIN  
NISHA VERMA  
DEVAL GUPTA  
KARANJEET SINGH KOHLI  
PARTH PANWAR  
KARTIKEYA SRIVASTAVA  
NANDITA MEHTA  
SONALI CHAUDHARY  
PRAKRITI GARG  
PALLAVI SAINI  
VASU GARG  
VAIBHAV AGRAWAL  
PRATEEK CHAUDHARY  
SIMRA RASHEED  
MANIKA  
ANURAG SHARMA  
ROHIT GARG  
ANURAG GOYAL  
YOGENDRA SINGH  
ANURADHA PANDIT  
SHUBHAM BADOLA  
MRIDUL MANOJ MISRA  
SHAMBHAVI  
VISHVENDER SINGH  
NITESH KUMAWAT  
SAHIB SARANGAL



YASH DIXIT  
SARU SIROHI  
AARUSHI MEHTA  
MADHURA JAIN  
NARENDRA KUMAR GURJAR  
PRINCY CHAUDHARY  
KIRAN DHAWAN  
SANSKRITI GARG  
SANA DANG  
MADHAVI SARIN  
EMIKY BAREH  
RANJEET KUMAR GHASAL  
RAJAT BHATIA  
ABHAY GOYAL  
ARUSHI GARG  
RAJIV KLER  
LALDINMAWII RALTE  
VIKASH CHUNDWAL  
SHUBHAM HALDWANI  
ARNAV ARUN  
AKASH KUMAR  
BHARAT KUMAR  
NEELU GUPTA  
RAKSHIT SINGH  
ANU  
VISHAL DAHIYA  
HIMANSHI RAO  
SAHIL  
SAMARTH AGRAWAL  
TUMGUM KAYE  
GIRIDHAR KUMAR  
BHAVNEET KAUR  
MOHIT BAJAJ  
SHREYASH AGRAWAL  
HARSH PRATAP SINGH  
SARITA RAO  
CHERUB GUPTA  
KISHAN  
AKSHAY TANWAR  
KARAN SACHDEVA  
PANKAJ KATARIA  
KESHAV GUPTA

#### **MBBS Batch 2016**

SANKET MISHRA  
SAURABH  
CHESHTA  
MRIDUL GOYAL  
RITVIK GARG  
SIMAR SACHDEVA  
DEEPAK KUMAR  
DHRUV SOOD  
KHYATI  
AMAN JAWWAD  
VAIBHAV DUBEY  
ANMOL GUPTA  
SAHIL SIDHUgin  
SIDDHANT JAIN  
AYUSH KURMI  
ROHIT SANGWAN  
PARAS GOSWAMI  
PALASH JAIN  
ISHAAN WAZIR  
KSHITIZ GAGAL  
MANYA KUMAR  
AVIRAL SINGHAL  
PRIYAM SHARMA  
GEETIKA VATS  
TANYA JAIN  
PUNEET KUMAR SAKSHI  
DEEPAK DHAKAD  
ABHIJEET KUMAR  
MANSI SAXENA  
HARDEEP KHATRI  
KUNAL CHANANA  
BHUMIKA MADAN  
RACHIT BANSAL  
SAMIKSHA KHARBANDA  
SHUBHANKAR SINGHAL  
SHAHRUKH ALAM  
PRADEEP PATEL  
PRASHANT KUMAR  
VANDANA MEENA  
ANJALI MEENA  
POOJA KUMARI MEENA  
PRIYANKA KUMARI  
DEEPAK KUMAR MEENA  
DIVYANSHU SINGH

RITESH DONKAL  
ASHISH KUMAR SINGH  
SURBHI KASHYAP  
KARMAN JIWANPURI  
YUGANSH GAUTAM  
SHRADHA PRASAD  
DHANANJAY KHERA  
AROOZ SUMAN  
KUNAL SINGH  
GOURAV SAINI  
SHUBHAM KUMAR VERMA  
AKASH TANWAR  
VIKRANT SINGH KHARB  
ANKIT BALYAN  
DEVESH KUMAR TALAN  
MANOJ KUMAR MEENA  
HARSHITA  
RITIKA SIHMAR  
ABHISHEK DAHIYA  
DEEPIKA  
CHETNA MATHUR  
SAGAR BIDLLAN  
SHWETA  
NISHA  
ARUN KUMAR  
PRAVESH  
SAHITYA MALIK  
PANKAJ  
AKASH GUPTA  
KUNAL SAINI  
MOHAN DABAS  
ROHIT PAL  
AMIT KUMAR YADAV  
TABISH KHAN  
RAGINI  
HIMESH CHANDRA  
CHOUDHARY  
YASH RATHI  
ANIRUDH SINGH  
AASHI SARVESH  
SHUBHAM CHAUDHARY  
SAMARTH KHANDELWAL  
RISHAB PAMECHA  
RAGHAV KAUSHAL  
SHAURYA GARG

GEETIKA AGARWAL  
 ROHIT RATHI  
 BHAVESH AGRAWAL  
 OORVI GARG  
 ANIRUDH KAUSHIK  
 SOURABH SINGH  
 ROHIT  
 SIDDHANT SADWANI  
 ABHINAV MAHAJAN  
 RAJAT SAIGAL  
 DEEPAK KUMAR (S/O RAJ  
 KUMAR JHA)  
 AGRIMA MITTAL  
 GAURI MAHESHWARI  
 RAHUL MADAAN  
 HARSH VARDHAN  
 KASHISH MODI  
 ANURAG MISHRA  
 ADITYA NAG  
 AKASH KATIYAR

HIMANSHU KUMAR  
 AKSHAY KUMAR GUPTA  
 CHIRAG BANSAL  
 DASHMESH ARORA  
 DIVYANSH D BHARGAVA  
 JITENDRA YADAV  
 JAY PRAKASH KUMAR  
 KINZA ANSARI  
 MOHIT KUMAR  
 NAKUL BANSAL  
 PARAS MAHAJAN  
 PARAS SINGH CHANDI  
 MD AZHARUDDIN  
 PRABHAKAR SINGH  
 PULKIT RATTAN  
 RACHIT KUMAR  
 RUPAL PERIWAL  
 SUKIRAT SINGH BHATIA  
 SAPNA RANI  
 SUPRIYA MAHESHWARI

TANISHQ KANSAL  
 TUSHAR DEORIA  
 VAGISHA SHARMA  
 LALREMSANGA  
 AJEET KUMAR  
 LUDOWE LOMI  
 GANESH SIYUM  
 BONNIE GARNETTE  
 FLOSTER TARIANG  
 ARJU MISHRA  
 PRIYANKA  
 ABHISHEK TANWAR  
 RAJNEESH KUMAR  
 MOHAMMAD BINAMIN  
 SURYABHA RAJ  
 VAISHALI  
 MEGHA TRIPTI  
 RAKESH KUMAR

#### MD/MS students passed in 2019

Dr. Anil Kumar	MD Anaesthesia	Dr. MD. SaquibMokhatar	MD Medicine
Dr. Bhavya Kaushik	MD Anaesthesia	Dr. Mohammad Adnan Khan	MD Medicine
Dr. Himanshu Gaur	MD Anaesthesia	Dr.Umashankar U.S	MD Medicine
Dr. Juhi Baktavar	MD Anaesthesia	Dr. Vaibhav Shrivastava	MD Medicine
Dr. Meera Rajeev	MD Anaesthesia	Dr.Vishnupriya A.R.	MD Medicine
Dr. Rajneesh Choudhary	MD Anaesthesia	Dr.Akash Jain	MD Medicine
Dr. Subhrodeep Das	MD Anaesthesia	Dr.Deepali Sharma	MD Medicine
Dr. Akshaya Kumar Das	MD Anaesthesia	Dr.Dipankar Das	MD Medicine
Dr. Andal Priyanka B.	MD Anaesthesia	Dr.GauravBhashker	MD Medicine
Dr. Mohit Jain	MD Anaesthesia	Dr.KamleshwarMahto	MD Medicine
Dr. Mona Swain	MD Anaesthesia	Dr.Rahul Arya	MD Medicine
Dr. Nitin Tyagi	MD Biochemistry	Dr.Tarun Kumar	MD Medicine
Dr. Ankita Khambra	MD Dermatology	Dr. Anupam Kumar Anveshi	MD Microbiology
Dr. SoahumBagchi	MD Dermatology	Dr.Neelangi Mishra	MD Microbiology
Dr. Kanoje Priyanka Kamlesh	MD Dermatology	Dr.Neha Dubey	MD Microbiology
Dr.Prateek Sharma	MD Dermatology	Dr.Aarti Rathore	MD Paediatrics
Dr.Deepankar	MD Medicine	Dr.Apoorva T. Raju	MD Paediatrics
Dr. Satinder Deswal	MD Medicine	Dr.Krishan Kumar	MD Paediatrics
Dr.Ved Prakash Sagar (2015)	MD Medicine	Dr.Sanjukta Poddar	MD Paediatrics
Dr. Abhinav Pande	MD Medicine	Dr.Suad Akhtar	MD Paediatrics
Dr. Chandrashekar C	MD Medicine	Dr. Aman Kumar	MD Pathology
Dr.ChiddarwarSajal Satish	MD Medicine	Dr.Anam Singh	MD Pathology
Dr. Keshav Sachdeva	MD Medicine	Dr. Anjum Nishan	MD Pathology
Dr.Manasa M.G	MD Medicine	Dr.HimaniAneja	MD Pathology

Dr.Indu Yadav	MD Pathology	Dr. Vaishnavi Seshan	MS Obst & Gynae
Dr. Jyoti Singh	MD Pathology	Dr.Manisha Meena	MS Obst & Gynae
Dr. Naveen Kumar R	MD Pathology	Dr.Megha Panwar	MS Obst & Gynae
Dr. Ravi Pratap Singh	MD Pathology	Dr.Pragya Kumari Mishra	MS Obst & Gynae
Dr. Tanisha Singla	MD Pathology	Dr.Saraswati	MS Obst & Gynae
Dr.Kishna Ram	MD Pharmacology	Dr.Shreya Banerjee	MS Obst & Gynae
Dr. Ravinder (2015)	MD Pharmacology	Dr.Varsha Agarwal	MS Obst & Gynae
Dr.Rahul Kumar Bhati	MD Pharmacology	Dr.Ritu Choudhary	MS Obst. & Gynae.
Dr. Mohan Babu S	MD Physiology	Dr.AnwaraMammel	MS Ophthalmology
Dr. Syed Ayesha Nikhat	MD Physiology	Dr.Aastha Gandhi	MS Ophthalmology
Dr. Lal Ratnakar	MD PMR	Dr.Akshayta Sharma	MS Ophthalmology
Dr.Maan Singh	MD PMR	Dr.Amita Yadav	MS Ophthalmology
Dr. Nitish Dhiman	MD PMR	Dr.Ritika Aggarwal	MS Ophthalmology
Dr. Vijender Anand	MD PMR	Dr.SmritiDabas	MS Ophthalmology
Dr. Sunil Kumar Singh	MD PSM / Com. Medicine	Dr. Abhishek Tiwari	MS Orthopaedics
Dr.Aseem	MD PSM / Com. Medicine	Dr. Ankit Dhaka	MS Orthopaedics
Dr. Vandana Pandit	MD PSM / Com. Medicine	Dr. Hari Prasath T	MS Orthopaedics
Dr. Anirudh Saxena	MD PSM /Com.Medicine	Dr.Laxmish R	MS Orthopaedics
Dr. Aravind Gandhi P	MD PSM / Com.Medicine	Dr. Manish Raj	MS Orthopaedics
Dr. Nitesh Chauhan	MD PSM / Com.Medicine	Dr.Md.AsadAkram	MS Orthopaedics
Dr.Suruchi Mishra	MD PSM/Com. Medicine	Dr. Nitish Kumar	MS Orthopaedics
Dr. Kavirajan. K	MD Radio-Diagnosis	Dr. Pankaj Kumar	MS Orthopaedics
Dr. Madhuvendra		Dr. Piyush Joshi	MS Orthopaedics
Singh Narwaria	MD Radio-Diagnosis	Dr.Ratish Kumar Mishra	MS Orthopaedics
Dr.Nisha Rathi	MD Radio-Diagnosis	Dr. Shashank Singh	MS Orthopaedics
Dr.Rajkumar Meena	MD Radio-Diagnosis	Dr. Siddharth Gupta	MS Orthopaedics
Dr.Shaktiprada Nayak	MD Radio-Diagnosis	Dr.A.Satish Kumar	MS Surgery
Dr.Shishir Kumar Pansari	MD Radio-Diagnosis	Dr. Aditya Ranot	MS Surgery
Dr. YemikaDhayal	MD Radio-Diagnosis	Dr. Anmol Thakur	MS Surgery
Dr. Anil Yadav	MD Sports Medicine	Dr. Arun Poudel Chhetri	MS Surgery
Dr. Bhim Singh	MD Sports Medicine	Dr. Arvind Kumar Koslia	MS Surgery
Dr. Rafat Kamal	MD Sports Medicine	Dr. Chandrashekhar Singh	MS Surgery
Dr. Shikha Dhaundiyal	MD Sports Medicine	Dr. Ishwar Chand Mehar	MS Surgery
Dr. Neha Xalxo	MS Anatomy	Dr. Kashi Nath Singh	MS Surgery
Dr, UtpalSarmah	MS ENT	Dr. Praveen M.S	MS Surgery
Dr.Aakriti Chandra	MS ENT	Dr.Sandhya.P.A	MS Surgery
Dr.Anukaran Mahajan	MS ENT	Dr.Sumit Kumar Prasad	MS Surgery
Dr. Kirti Khandelwal	MS ENT	Dr.Varun.M.	MS Surgery
Dr.Sainulabid A	MS ENT		
Dr. Sunita Singh	MS ENT		
Dr.Mily Pandey	MS Obst& Gynae		
Dr. Ranjana	MS Obst & Gynae		
Dr. Ruchi Gurbani (2017)	MS Obst& Gynae		
Dr.Saloni Singla (2015)	MS Obst& Gynae		
Dr.Supriya Gupta	MS Obst& Gynae		

## DM/MCH students passed in 2019

Dr. Ankesh Kumar	DM Cardiology	Dr. Deepak Rathore	M.Ch. Plastic Surgery
Dr. Ankit Singh	DM Cardiology	Dr. Jayanta Lenka	M.Ch. Plastic Surgery
Dr. Debasis Behera	DM PCCM	Dr. Kamlesh Kumar	M.Ch. Plastic Surgery
Dr. Nitesh Gupta	DM PCCM	Dr. Kanika Singla	M.Ch. Plastic Surgery
Dr. Pankaj Kumar Gupta	DM PCCM	Dr. Lukesh Patil	M.Ch. Plastic Surgery
Dr. Viswesvaran B.	DM PCCM	Dr. Rahul M.	M.Ch. Plastic Surgery
Dr. Amit Kumar Agarwal	M.Ch. CTVS	Dr. Suvashis Dash	M.Ch. Plastic Surgery
Dr. Sunil Dhar	M.Ch. CTVS	Dr. Joyce R Jesudass	M.Ch. Plastic Surgery
Dr. Anmol Chugh	M.Ch. Plastic Surgery		
Dr. Bhojani J Amrutlal	M.Ch. Plastic Surgery		

## MD/MS STUDENTS PASSED IN 2020

Dr. Akanksha Gupta	MD Anaesthesia	Dr. Parul Tripathi	MD Anaesthesia
Dr. Astha Kumari	MD Anaesthesia	Dr. Pooja Singh	MD Anaesthesia
Dr. Akash Kumar Tripathi	MD Anaesthesia	Dr. Prachi Abhyankar	MD Anaesthesia
Dr. Akshatha V. Rai	MD Anaesthesia	Dr. Pradeep Singh	MD Anaesthesia
Dr. Anjali Kardam	MD Anaesthesia	Dr. Pragya Gupta	MD Anaesthesia
Dr. Anuradha Singh	MD Anaesthesia	Dr. Pramod Kumar Singh	MD Anaesthesia
Dr. Aroma Raghav	MD Anaesthesia	Dr. Prateek Achara	MD Anaesthesia
Dr. B. Pallavi	MD Anaesthesia	Dr. Preeti Raj Arya	MD Anaesthesia
Dr. Brinda Valecha	MD Anaesthesia	Dr. Priyanka Gupta	MD Anaesthesia
Dr. Chandrika Priyadarshini	MD Anaesthesia	Dr. Priyanka	MD Anaesthesia
Dr. Dinesh Kumar R	MD Anaesthesia	Dr. Rahul Kalshan	MD Anaesthesia
Dr. Dishank Rawat	MD Anaesthesia	Dr. Reena	MD Anaesthesia
Dr. Durgesh Rai	MD Anaesthesia	Dr. Rohini Dubey	MD Anaesthesia
Dr. Gautham Srinivasan	MD Anaesthesia	Dr. Sachin Goel	MD Anaesthesia
Dr. Gayathri S R	MD Anaesthesia	Dr. Sandeep Singh	MD Anaesthesia
Dr. Hemani Bhandari	MD Anaesthesia	Dr. Saravanan. M	MD Anaesthesia
Dr. Jitendra Singh Shekhawat	MD Anaesthesia	Dr. Sauhadra B Karki	MD Anaesthesia
Dr. Joslita Marsha D Souza	MD Anaesthesia	Dr. Shivanand Mishra	MD Anaesthesia
Dr. Jyoti Verma	MD Anaesthesia	Dr. Shruthi M	MD Anaesthesia
Dr. Karishma Batra	MD Anaesthesia	Dr. Suman Tiwari	MD Anaesthesia
Dr. Keshabanand Mishra	MD Anaesthesia	Dr. Surabhi Sandill	MD Anaesthesia
Dr. Khushboo Saini	MD Anaesthesia	Dr. Swati Bansal	MD Anaesthesia
Dr. Kulbhushan	MD Anaesthesia	Dr. Vinay Kumar Maurya	MD Anaesthesia
Dr. Manik Seth	MD Anaesthesia	Dr. Vivek Chandar C	MD Anaesthesia
Dr. Meenu Yadav	MD Anaesthesia	Dr. Alka Ramteke	MD Biochemistry
Dr. Mhonchumi R Khuvung	MD Anaesthesia	Dr. PeyirBagra	MD Biochemistry
Dr. Mohit Gupta	MD Anaesthesia	Dr. Gurminder Singh Arora	MD Dermatology
Dr. Mounisha E	MD Anaesthesia	Dr. Mohammed Anas P	MD Dermatology
Dr. Mukesh Kumar	MD Anaesthesia	Dr. Surabhi Sharma	MD Dermatology
Dr. Nikita Choudhary	MD Anaesthesia	Dr. Vipul Pareek	MD Dermatology

Dr. Debapriyo Saha	MS ENT	Dr. Shalini S P	MS Obst. & Gynae.
Dr. Firoz Ahmed	MS ENT	Dr. Shikha Bharti	MS Obst. & Gynae.
Dr. Ridhima Kaul	MS ENT	Dr. Shubham Bidhuri	MS Obst. & Gynae.
Dr. Sabari Rajan P	MS ENT	Dr.Sonu Yadav	MS Obst. & Gynae.
Dr. Tripathi A Narendranath	MS ENT	Dr. Srividya T	MS Obst. & Gynae.
Dr. Abhilasha Soni	MD Gen Medicine	Dr.Suchandana Dasgupta	MS Obst. & Gynae.
Dr. Anirban Palit	MD Gen Medicine	Dr. Sukanya Roy	MS Obst. & Gynae.
Dr. Ankush Rana	MD Gen Medicine	Dr.Suvrata Garg	MS Obst. & Gynae.
Dr. Ashish Kumar Singh	MD Gen Medicine	Dr. Cheema Aakash Vinod	MS Ophthalmology
Dr. Deepak Kumar	MD Gen Medicine	Dr. Jyoti Sheoran	MS Ophthalmology
Dr. Deepak K Suman	MD Gen Medicine	Dr.Kudrat Jyoti	MS Ophthalmology
Dr. Jyoti Verma	MD Gen Medicine	Dr.Mrityunjay Singh	MS Ophthalmology
Dr.Kshitij Bansal	MD Gen Medicine	Dr.Sukriti Gupta	MS Ophthalmology
Dr. Manjeet Kumar Goyal	MD Gen Medicine	Dr.Teisovi	MS Ophthalmology
Dr.MohdJaved	MD Gen Medicine	Dr. Gyanendra Puri	MS Orthopaedics
Dr. Pradeep S	MD Gen Medicine	Dr. Malay	MS Orthopaedics
Dr. Preeti	MD Gen Medicine	Dr.Mayukh Guha	MS Orthopaedics
Dr. Prema Sinha	MD Gen Medicine	Dr. Md Tosaddeque Hussain	MS Orthopaedics
Dr. Priyadarshi Kumar	MD Gen Medicine	Dr.Niventhiran. K	MS Orthopaedics
Dr. Rahul Kumar	MD Gen Medicine	Dr. Rajat Kumar Yadav	MS Orthopaedics
Dr. Rajat Gupta	MD Gen Medicine	Dr. Rohit Sherawat	MS Orthopaedics
Dr. Siddharth Sharma	MD Gen Medicine	Dr. Saddam Hussain M	MS Orthopaedics
Dr. Sutanay Bhattacharyya	MD Gen Medicine	Dr. Surya Vijay Singh	MS Orthopaedics
Dr. Uttayan Chakrabarti	MD Gen Medicine	Dr. Gurpreet Singh	MD PMR
Dr.VanishaPundir	MD Gen Medicine	Dr. Sushil Kumar	MD PMR
Dr. Vijay Kumar Sharma	MD Gen Medicine	Dr. Pallavi Mishra	MD Pathology
Dr.Lekshmi Priya M (2016)	MS Obst. & Gynae.	Dr.Ritu Raj	MD Pathology
Dr. Akanksha Dwivedi	MS Obst. & Gynae.	Dr.Sumanta Das	MD Pathology
Dr. Amrita Rathee	MS Obst. & Gynae.	Dr.Sushanta Chakma	MD Pathology
Dr. Ankita	MS Obst. & Gynae.	Dr. Aditi Tiwari	MD Paediatrics
Dr.Anugeet Sethi	MS Obst. & Gynae.	Dr. Anirban Sen	MD Paediatrics
Dr. Archana Kumari	MS Obst. & Gynae.	Dr. Chirag Saluja	MD Paediatrics
Dr.Asmita Saran	MS Obst. & Gynae.	Dr.Eesha	MD Paediatrics
Dr.Chhavi Gupta	MS Obst. & Gynae.	Dr. Garima Pathania	MD Paediatrics
Dr. Deepti Pachauri	MS Obst. & Gynae.	Dr.Renu Kumari	MD Paediatrics
Dr.Harshitha K	MS Obst. & Gynae.	Dr. Richa Singh Rajawat	MD Paediatrics
Dr.InloMiuli	MS Obst. & Gynae.	Dr. Rishi Kathuria	MD Paediatrics
Dr. Khergade Monali Vidyadharj	MS Obst. & Gynae.	Dr.Samannay Das	MD Paediatrics
Dr. Khushboo Malhotra	MS Obst. & Gynae.	Dr.SnehPushp	MD Paediatrics
Dr. Manisha Verma	MS Obst. & Gynae.	Dr. Himanshu Agrawal	MD Pharmacology
Dr.Megha Gupta	MS Obst. & Gynae.	Dr. Ram Awtar Manda	MD Pharmacology
Dr. Mohini Sachdeva	MS Obst. & Gynae.	Dr. Abhiman Baloji	MD Radiodiagnosis
Dr. Nandhini R	MS Obst. & Gynae.	Dr.Akshyaya Kumar Nag	MD Radiodiagnosis
Dr.Priti Kumari	MS Obst. & Gynae.	Dr. Anuj Aggarwal	MD Radiodiagnosis
Dr. Saima	MS Obst. & Gynae.	Dr. Apurva Surana	MD Radiodiagnosis

Dr.Arka Bhattacharya	MD Radiodiagnosis	Dr. Manjunatha Sankal	MS Gen Surgery
Dr. Ashish Bansal	MD Radiodiagnosis	Dr.Mohd Junaid Ansar	MS Gen Surgery
Dr.Ayush Khandelwal	MD Radiodiagnosis	Dr. Naveen Kumar Kushwaha	MS Gen Surgery
Dr. Borkar Arpankumar D	MD Radiodiagnosis	Dr.Navnik Singh Bhardwaj	MS Gen Surgery
Dr. Juhi Agrawal	MD Radiodiagnosis	Dr. Nikhil Prasad	MS Gen Surgery
Dr. Kajuraj A	MD Radiodiagnosis	Dr. Oscar Jordan S. Sangma	MS Gen Surgery
Dr. Maninder Kaur	MD Radiodiagnosis	Dr. Ranjith Kumar M	MS Gen Surgery
Dr. Mohd Altamash	MD Radiodiagnosis	Dr. Sajith K. Mohan	MS Gen Surgery
Dr. Prateek Kumar Madaan	MD Radiodiagnosis	Dr. Sanjana Kumar	MS Gen Surgery
Dr. Pratibha Choudhary	MD Radiodiagnosis	Dr. Shikha Goja	MS Gen Surgery
Dr. Rajat Khurana	MD Radiodiagnosis	Dr.Shivam	MS Gen Surgery
Dr. Sharath Kumar Shrinivas P	MD Radiodiagnosis	Dr. Suraj Gopal	MS Gen Surgery
Dr. Shis Mohammad Pail	MD Radiodiagnosis	Dr. Ramkumar S	MD Physiology
Dr. Shubham	MD Radiodiagnosis	Dr.SanghamitraPattnaik	MD Physiology
Dr. Vinay H.C	MD Radiodiagnosis	Dr. Waqas Alauddin	MD Physiology
Dr. Sujit Kumar Shukla	MD Radiotherapy	Dr. Aditya Sood	MD Sports Med
Dr. Apamavi P	MD Comm. Med		
Dr. Preety Doley	MD Comm. Med		
Dr. Akhilesh Humnekar	MS Gen Surgery		
Dr. Akshay Narayan	MS Gen Surgery		
Dr. Anderson Syiemiong	MS Gen Surgery		
Dr. Arush Pasricha	MS Gen Surgery		
Dr. Chethan. M	MS Gen Surgery		
Dr. Goutam K.C	MS Gen Surgery		

#### MD/MS STUDENTS PASSED IN SUPPLEMENTARY EXAMS, 2020

Dr. Abhishesh Kumar Rai	MD Anaesthesia	Dr. Shabnam	MS Obst. & Gynae.
Dr. Ananda Ngangom	MD Anaesthesia	Dr. Arun Kumar	MS Orthopaedics
Dr. Anand Kumar Singh	MD Anaesthesia	Dr. Avinash Jaiswal	MS Orthopaedics
Dr. Akshay R	MD Anaesthesia	Dr. Kaushlendra Kumar	MS Orthopaedics
Dr. Darvish Hussain	MD Anaesthesia	Dr. Sumit Rana	MS Orthopaedics
Dr. Mohd Adil Mustajab	MD Anaesthesia	Dr. V Vipin	MS Orthopaedics
Dr. Nishant Mishra	MD Anaesthesia	Dr. Vinay Kumar	MS Orthopaedics
Dr. Tanmay Katial	MD Anaesthesia	Dr. Aakanksha Chhabra	MD Paediatrics
Dr. Vinod Singh Kushwaha	MD Anaesthesia	Dr. Rekha	MD Radiodiagnosis
Dr. Vivekananda Raja Rajan.T	MD Anaesthesia	Dr.Weto Lomi	MD Radiodiagnosis
Dr. Ashok Kumar	MD Comm.Med		
Dr. Nandhini P	MD Dermatology		
Dr. Jitendra Kumar	MD Gen Medicine		
Dr. Manoj Kumar	MD Gen Medicine		
Dr. Ranita Bhattacharya	MD Gen Medicine		
Dr. Abhishek Mittal	MS Gen Surgery		
Dr. Birbal Kumar	MS Gen Surgery		
Dr. Hemant Kumar	MS Gen Surgery		
Dr. Anamika Bharti	MS Obst. & Gynae.		
Dr. Priyanka Rani	MS Obst. & Gynae.		

#### DM/M.CH STUDENTS PASSED IN 2020

Dr. Anoop S	M.Ch. Plastic Surgery
Dr. Archana Sinha	M.Ch. Plastic Surgery
Dr. Krishna K Singh	M.Ch. Plastic Surgery
Dr. Prateek Thakur	M.Ch. Plastic Surgery
Dr. Rohit S	M.Ch. Plastic Surgery
Dr. Sharma Ankit S	M.Ch. Plastic Surgery
Dr. Vamseedharan M	M.Ch. Plastic Surgery
Dr. Ridima Sachdeva	M.Ch. Plastic Surgery
Dr. Kunwar S Saurabh	M.Ch. CTVS

Dr.Sistla VPL Chandrakumar	M.Ch. CTVS	Dr. Pooja Singh	MD Anaesthesia
Dr. Kumar Saurav	M.Ch Urology	Dr. Prashant Baghel	MD Anaesthesia
Dr. Vijay Kumar Tyagi	M.Ch Urology	Dr. Rakesh Kumar	MD Anaesthesia
Dr. Vishnu Prasad	M.Ch Urology	Dr. Sandeep Kaur	MD Anaesthesia
Dr. Y M Prashanth	M.Ch Urology	Dr. Sandeep Kumar	MD Anaesthesia
Dr.MengarManasRajendra	DM PCCM	Dr. Shailly Kumar	MD Anaesthesia
Dr. Ravi Chandak	DM PCCM	Dr. Shivam	MD Anaesthesia
Dr. Richa Mittal	DM PCCM	Dr. Shivani Gautam	MD Anaesthesia
Dr.SrikarDarisetty	DM PCCM	Dr. Simmi	MD Anaesthesia
Dr. Gaurav Kumar Arora	DM Cardiology	Dr. Smriti	MD Anaesthesia
Dr.Jeetesh Jain	DM Cardiology	Dr. Soabir Ali CV	MD Anaesthesia

#### LIST OF MD/MS STUDENTS PASSED IN 2021

Dr. Aadhar Khutell	MD Anaesthesia	Dr. Tatongtemsulongchar	MD Anaesthesia
Dr.Abiral Nidhi	MD Anaesthesia	Dr. Tavishi Bansal	MD Anaesthesia
Dr. Aditya Mehrotra	MD Anaesthesia	Dr. Urvashi Patel	MD Anaesthesia
Dr. Anand Pamnani	MD Anaesthesia	Dr. Vaishali S	MD Anaesthesia
Dr. Anand Prakash	MD Anaesthesia	Dr. Vishwanath Pratap Singh	MD Anaesthesia
Dr. Anjani Kumar	MD Anaesthesia	Dr. Joseph George Tharion	MD Anaesthesia
Dr. Anuj Yadav	MD Anaesthesia	Dr. Choudhari Omkar K	MD Biochemistry
Dr. Apoorva Singh	MD Anaesthesia	Dr. Rohit Kumar	MD Biochemistry
Dr.Aravali Luna	MD Anaesthesia	Dr. Charvi Chanana	MD Dermatology
Dr. Ashish Chaudhary	MD Anaesthesia	Dr. Geetika Chhabra	MD Dermatology
Dr.BerinLawrance	MD Anaesthesia	Dr. Ishika	MD Dermatology
Dr. Bhoomi Upreti	MD Anaesthesia	Dr. Molisha Bhandari	MD Dermatology
Dr. Deepak Sharma	MD Anaesthesia	Dr. Ruchika Singh	MD Dermatology
Dr. Dhruv Kumar	MD Anaesthesia	Dr. Ashish Tomar	MS ENT
Dr. Gaurav Pratap Singh	MD Anaesthesia	Dr. Chirayata Basu	MS ENT
Dr. G Vineesha	MD Anaesthesia	Dr. Karthika Nathan	MS ENT
Dr. Girish V	MD Anaesthesia	Dr. Nazim Khan	MS ENT
Dr.Gurumurthy S	MD Anaesthesia	Dr. Sneha S N	MS ENT
Dr. Gowri Vishalakshi S M	MD Anaesthesia	Dr. Aditya Srivastava	MD Gen Medicine
Dr. Kapil Kumar Dixit	MD Anaesthesia	Dr. Ankit S Kushwah	MD Gen Medicine
Dr. Kavita Sharma	MD Anaesthesia	Dr. Ashok Kumawat	MD Gen Medicine
Dr. Keerthi Jain V	MD Anaesthesia	Dr. Atul Mann	MD Gen Medicine
Dr. Krishnakumar Ankali	MD Anaesthesia	Dr. Bodhisattya Roy Chaudhuri	MD Gen Medicine
Dr. M P Rajkumar	MD Anaesthesia	Dr. Himanshu Dhiman	MD Gen Medicine
Dr. Manoj Kumar S K	MD Anaesthesia	Dr. Hiren Manohar Kalyani	MD Gen Medicine
Dr.Mansha Madan	MD Anaesthesia	Dr. Joban Preet Singh Deol	MD Gen Medicine
Dr.Mariappan Junior M	MD Anaesthesia	Dr. Jugnu Kant	MD Gen Medicine
Dr. Mohammad Shoaib	MD Anaesthesia	Dr. M Kishan	MD Gen Medicine
Dr.Monu Chaudhary	MD Anaesthesia	Dr. Manish Kumar Verma	MD Gen Medicine
Dr.Naba Mallika Taye	MD Anaesthesia	Dr. Mayank Chawla	MD Gen Medicine
Dr.Nagapati C Hegde	MD Anaesthesia	Dr. Mithu Bhowmick	MD Gen Medicine
Dr. Nidhi Singh	MD Anaesthesia	Dr. P. Sanjay Chakravarthy	MD Gen Medicine

Dr. Patel Pranav Hiteshbhai	MD Gen Medicine	Dr. Lakshman	MS Orthopaedics
Dr. Praveen Kumar Kaushal	MD Gen Medicine	Dr. Mani Kant Sinha	MS Orthopaedics
Dr. Priyanka Kumari	MD Gen Medicine	Dr. Mohit Kumar Patel	MS Orthopaedics
Dr. Pushan Banerjee	MD Gen Medicine	Dr. Narottam Das M K	MS Orthopaedics
Dr. Rapaka Lakshmi Keerthi	MD Gen Medicine	Dr. Pritam Samanta	MS Orthopaedics
Dr. Sandeep	MD Gen Medicine	Dr. Ravi Kumar Amrit	MS Orthopaedics
Dr. Shreya Jain	MD Gen Medicine	Dr. Sarang Agarwal	MS Orthopaedics
Dr. Shubham Tomar	MD Gen Medicine	Dr. Saurabh Gadi	MS Orthopaedics
Dr. Sohini Chakraborty	MD Gen Medicine	Dr. Simarjot Singh Sodhi	MS Orthopaedics
Dr. Vinoth Kumar	MD Gen Medicine	Dr. Soumyadip Sen	MS Orthopaedics
Dr. Akanksha Mohanty	MS Obst. & Gynae.	Dr. Suraj Singh	MS Orthopaedics
Dr. Alka	MS Obst. & Gynae.	Dr. Annie Mathew	MD PMR
Dr. Ankita Kumari	MS Obst. & Gynae.	Dr. Deepak Raj	MD PMR
Dr. Ankur Rani	MS Obst. & Gynae.	Dr. Deepthi S Johnson	MD PMR
Dr. Anshika Agarwal	MS Obst. & Gynae.	Dr. MunimTomar	MD PMR
Dr. Ashu Bhardwaj	MS Obst. & Gynae.	Dr. DivitaSaxsena	MD Pathology
Dr. Deepanjali Singh	MS Obst. & Gynae.	Dr. Divya Sethi	MD Pathology
Dr. Dimple Makhijani	MS Obst. & Gynae.	Dr. Juhi Shahab	MD Pathology
Dr. KongeOshal Sunil	MS Obst. & Gynae.	Dr. Monica	MD Pathology
Dr. Nahid Farooqui	MS Obst. & Gynae.	Dr. Neeti Nagar	MD Pathology
Dr. Neha	MS Obst. & Gynae.	Dr. Pallavi Punhani	MD Pathology
Dr. Nidhi Ahuja	MS Obst. & Gynae.	Dr. Ritu Bhat	MD Pathology
Dr. Priyanka Pangtey	MS Obst. & Gynae.	Dr. Tanmay Patel	MD Pathology
Dr. Priyanka Rathor	MS Obst. & Gynae.	Dr. Aarti	MD Paediatrics
Dr. Rajeswari	MS Obst. & Gynae.	Dr. Aditya Soni	MD Paediatrics
Dr. Sabeena	MS Obst. & Gynae.	Dr. Anju Yadav	MD Paediatrics
Dr. Seema Meena	MS Obst. & Gynae.	Dr. Aparajita Raghav	MD Paediatrics
Dr. Shivangi	MS Obst. & Gynae.	Dr. Arun Kumar Meena	MD Paediatrics
Dr. Shivangi Sharma	MS Obst. & Gynae.	Dr. Chetan Singh	MD Paediatrics
Dr. Shivani Verma	MS Obst. & Gynae.	Dr. Deepali Malviya	MD Paediatrics
Dr. Shruti Tarwar	MS Obst. & Gynae.	Dr. Gaurav Singh	MD Paediatrics
Dr. Shweta Singh	MS Obst. & Gynae.	Dr. Neha Goel	MD Paediatrics
Dr. Sonam Yadav	MS Obst. & Gynae.	Dr. Nikita Jakhar	MD Paediatrics
Dr. Sugandha Bansal	MS Obst. & Gynae.	Dr. Palak Khera	MD Paediatrics
Dr. Tahmeena Khatoon	MS Obst. & Gynae.	Dr. Penugonda Sudheer Kumar	MD Paediatrics
Dr. Dharmendra Singh	MS Ophthalmology	Dr. Pradeep Kumar Ratre	MD Paediatrics
Dr. Gayathripriya K	MS Ophthalmology	Dr. Rajesh Kumar Sethi	MD Paediatrics
Dr. Nyai Ete	MS Ophthalmology	Dr. Rashmi Dandriyal	MD Paediatrics
Dr. Shashwat Shekhar	MS Ophthalmology	Dr. Sneha Mishra	MD Paediatrics
Dr. Shruti Revankar	MS Ophthalmology	Dr. Manu Siddharth	MD Paediatrics
Dr. Swati Tyagi	MS Ophthalmology	Dr. Nausheen Siddiqui	MD Paediatrics
Dr. Akshya Raj A	MS Orthopaedics	Dr. Kamal Kant	MD Paediatrics
Dr. Ankesh Jain	MS Orthopaedics	Dr. Florence Bhava	MD Pharmacology
Dr. Ekjot Singh Arora	MS Orthopaedics	Dr. Mukesh Kumar	MD Pharmacology
Dr. Karan Maggo	MS Orthopaedics	Dr. Nichwa Leuwenhoek S N	MD Pharmacology



Dr. Aayushi Mishra	MD Radiodiagnosis
Dr. Abhilasha	MD Radiodiagnosis
Dr. Anant Sharma	MD Radiodiagnosis
Dr. Chiraag Mandal	MD Radiodiagnosis
Dr. Dinesh Singh Kushwaha	MD Radiodiagnosis
Dr. Gurnoor Kaur Ghuman	MD Radiodiagnosis
Dr. Harshith Y R	MD Radiodiagnosis
Dr. Kanchan	MD Radiodiagnosis
Dr. Komal Sood	MD Radiodiagnosis
Dr. Lakshay Diva	MD Radiodiagnosis
Dr. Lovish Garg	MD Radiodiagnosis
Dr. Sanket Dash	MD Radiodiagnosis
Dr. Savyasachi Jain	MD Radiodiagnosis
Dr. Sayantan Patra	MD Radiodiagnosis
Dr. Vinesh Kumar	MD Radiodiagnosis
Dr. Yash Pal	MD Radiodiagnosis
Dr. Hemendra	MD Radiotherapy
Dr. Manasi Panda	MD Comm.Med
Dr.Mogan K A	MD Comm.Med
Dr. Nidhi Singh	MD Comm.Med
Dr. Anirban Das	MS Gen Surgery
Dr.Avneet Kaur	MS Gen Surgery
Dr.Boda Ravi Kiran	MS Gen Surgery
Dr.ChebroluHethu	MS Gen Surgery
Dr. Dimple Gupta	MS Gen Surgery
Dr.Mallarapu Abhinav	MS Gen Surgery
Dr.MandalapuHimaja	MS Gen Surgery
Dr.Monish Raj M	MS Gen Surgery
Dr. Nilesh Taneja	MS Gen Surgery
Dr. Pooja Sewalia	MS Gen Surgery
Dr. Radhika Thakur	MS Gen Surgery
Dr. Rohit Chaudhary	MS Gen Surgery
Dr.Sajal Gupta	MS Gen Surgery
Dr.Shivam Sharma	MS Gen Surgery
Dr.Snigdha Kamini	MS Gen Surgery
Dr. Vignesh M	MS Gen Surgery
Dr. Vinayak Varma	MS Gen Surgery
Dr. Dilip Kumar	MD Physiology
Dr. Prakher Dagar	MD Sports Med
Dr. Praveen R	MD Sports Med
Dr. Shubham Ahuja	MD Sports Med
Dr. Tridib Kanti Datta	MD Sports Med
Dr. Ashutosh Kumar Chaubey	MD Psychiatry
Dr. Kapil Bansal	MD Psychiatry
Dr. PrakamyaSingal	MD Psychiatry

Dr. Ramesh Kumar	MD Psychiatry
Dr. Rupam Dhiman	MD Psychiatry
Dr. Krishna	MD Anatomy
Dr. Mohan Ram K	MD Anatomy
Dr. Bonnie Joe Thomas	MD Microbiology
Dr. Priyanka Jangra	MD Microbiology
Dr. Tanushree Gahlot	MD Microbiology

#### LIST OF MD/MS STUDENTS PASSED IN SUPPLEMENTARY, 2021

Dr. Rajeev Kumar	MD Anaesthesia
Dr. Sandeep Singh Rathore	MD Anaesthesia
Dr. Nishant Srivastava	MD Anaesthesia
Dr. Sandhya Devi	MS Obst. & Gynae.
Dr. Shivani	MS Obst. & Gynae.
Dr. AbhilashaSoni	MD Pathology
Dr. Neha Singh	MD Pathology
Dr. Vijay Pratap Khatana (2017)	MD Paediatrics
Dr. Manisha Joliya	MS Obst. & Gynae.

#### LIST OF DM/MCh STUDENTS PASSED IN 2021

Dr. Rahul Kumar	DM Cardiology
Dr. Tushar Agarwal	DM Cardiology
Dr. Madhur Kumar	MCh CTVS
Dr. Sartaj Ahmad Guroo	MChCTVS
Dr. Ananya Sen Gupta	DM Neurology
Dr. Cankatika Choudhary	DM Neurology
Dr. Khusboo Gyanchandani	DM Neurology
Dr. Frankie Shadap Siangshai	MCh Neuro Surgery
Dr. Anjana Sreedharan	MCh Paed Surgery
Dr. Saurav	MCh Paed Surgery
Dr. Ahmad Faraz Danish	MCh Plastic Surg
Dr. Ananda Murthy K T	MCh Plastic Surg
Dr. Dharini	MCh Plastic Surg
Dr.Kshiteej Dhull	MCh Plastic Surg
Dr.Mula Rohit Babu	MCh Plastic Surg
Dr. Nupur Aggarwal	MCh Plastic Surg
Dr. Praveen K Arumugam	MCh Plastic Surg
Dr. Sneha Sharma	MCh Plastic Surg
Dr. Srushti Sheth	MCh Plastic Surg
Dr. Ambarish Joshi	DM PCCM
Dr. JuvvaKishan Srikanth	DM PCCM
Dr. Mahendran A J	DM PCCM
Dr. Shamil P.K.	DM PCCM
Dr. Amitabh Kumar	MCh Urology

Dr. Patel Samarth Rashmikant MCh Urology  
Dr. Prashant Yadav MCh Urology  
Dr. Sumedhankar Sagar MCh Urology  
Dr. Vijay Singh MCh Urology

**LIST OF DM/MCh STUDENTS PASSED IN  
SUPPLE EXAM, 2021**

Dr. Aditya Narasimhan MCh Plastic Surg

## MBBS BATCH 2014



## MBBS BATCH 2015



## MBBS BATCH 2016







# Financials of the Year 2021-22

## SUMMARY OF EXPENDITURE STATEMENT IN R/O SAFDARJUNG HOSPITAL, VMMC & SJH (RECONCILED)

Component with Head	B.E. 2021-22	R.E. 2021-22	EXPR.	% w.r.t. F.E. 2021-22	BALANCE BUDGET	Remarks	
CAPITAL	4210SJH* MOTOR VEHICLE	0.14	0.14	0.11	78.57	0.03	
CAPITAL	4210SJH* MACH & EQUIP	30.00	30.00	30.00	100.00	0.00	LC- Rs.6.35Cr,
CAPITAL	4210SJH* MAJOR WORKS	77.00	77.00	49.36	64.10	27.64	Placement to CPWD, Elect. Rs. 4.70 Cr., Civil - Rs. 2.68 Cr. Placement to NBCC Rs. 42.00Cr.
CAPITAL	4216 HOUSING	3.00	3.00	2.14	71.33	0.86	Placement to CPWD Civil Rs. 2.14 Cr.
REVENUE	2210 SJH	1413.17	1415.96	1336.52	94.41	79.14	Placement to CPWD (Civil)-Rs.10.64Cr., (Elec.)-Rs.16.87Cr., Horti-Rs.0.29Cr., DAVP-Rs.0.30Cr. SAP (CPWD)- Rs.2.28Cr., DAVP-Rs.0.30Cr.
REVENUE	2210 (VMMC)	22.47	19.68	19.37	98.42	0.31	
	G.TOTAL	1545.78	1545.78	1437.50	93.01	107.98	

SIC

Rs. in Crores.

Component with Head	B.E. 2021-22	R.E. 2021-22	EXPR.	% w.r.t. R.E. 2021-22	BALANCE BUDGET	Remarks
REVENUE	5009(SIC)	15.70	10.58	10.41	98.39	0.17



