



**The Ganga Ram
Institute for Postgraduate
Medical Education and Research
(GRIPMER)**

Academic Programme

July–December 2019

**Sir Ganga Ram Hospital
New Delhi**

Compiled and produced by BYWORD EDITORIAL CONSULTANTS
Printed at THOMSON PRESS (INDIA) LIMITED

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It is a matter of great pleasure for me to write the Foreword for the Academic Programme (July–December 2019) published by the Office of the Dean GRIPMER, Sir Ganga Ram Hospital, New Delhi.

Academic activities of any institution are judged by the quality of its training and its implementation as well as the final products.

Our prime concern is patient care and to develop patterns of teaching for postgraduate students in all specialties so as to demonstrate high standards of medical education to other allied medical institutions in the country. We have a number of renowned, experienced and dedicated teachers on our faculty. Our teaching standards remain par excellence.

It also gives me immense satisfaction to see the phenomenal growth of teaching activities in this hospital.

The Academic Programme is a compilation of the teaching activities undertaken by various departments throughout the year. I would advise the faculty that an effort should be made to improve the teaching programme and monitor it on a regular basis. This will enhance the image of our hospital and also improve our DNB results.

The tremendous hard work of the members of GRIPMER and its staff to enhance the standards of teaching are highly commendable.

I am sure that the standards set by the National Board Examinations will be maintained and improved every year.

Dr D.S. RANA
Chairperson, Board of Management
Director, GRIPMER
Sir Ganga Ram Hospital
New Delhi



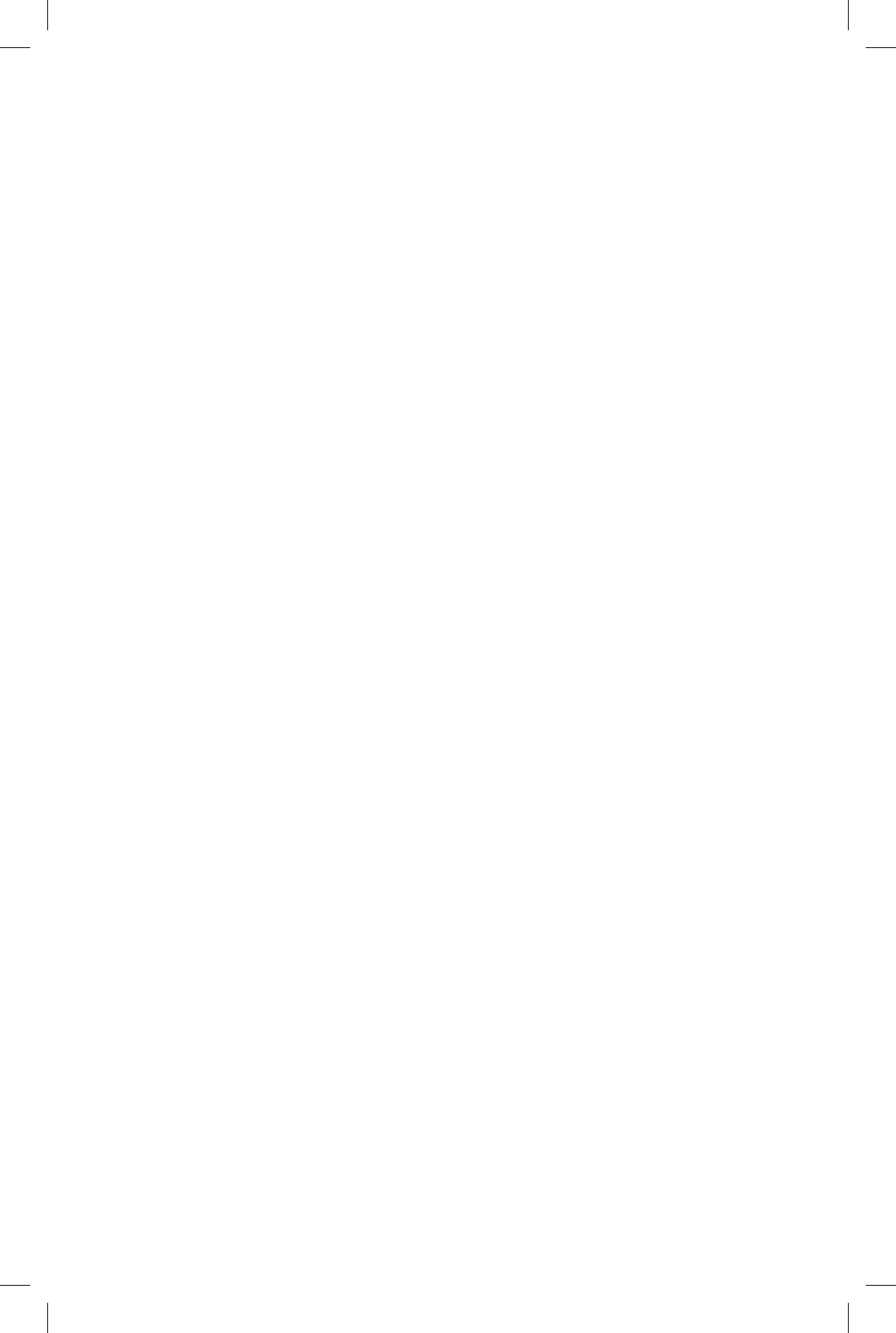
I am happy to note that the Academic Calendar for the period July to December 2019 is being compiled. We at the Ganga Ram Institute of Postgraduate Medical Education and Research (GRIPMER) take pride in running one of the largest DNB programmes in the country. At present, the DNB programme is being conducted in 42 different specialties and superspecialties. About 90 residents join the programme every year.

Planning of the educational programme is essential for its smooth execution. Each department spends substantial time and effort in its planning. Perusal of the programme will highlight that each department is using a judicious mix of Seminars, Tutorials, Lectures, Case Presentations, Journal Clubs and Bedside teaching to impart holistic training.

The hospital provides adequate library and research laboratory facilities. This is of great help in day-to-day teaching and thesis work. Our library has not only journals and books, but other platforms such as UpToDate.com, ClinicalKey.com, OpenAthens.net. These are available online to residents. I hope that activities of this calendar are strictly adhered to by both teachers as well as residents.

Dr KUSUM VERMA

*Dean, The Ganga Ram Institute for Postgraduate
Medical Education & Research (GRIPMER)*



**THE GANGA RAM INSTITUTE FOR
POSTGRADUATE MEDICAL EDUCATION &
RESEARCH (GRIPMER)**

1

Professor Dr D.S. RANA, *ex-Officio Director*

Professor Dr S. NUNDY, *Advisor*

Professor Dr KUSUM VERMA, *Dean*

Professor Dr V.K. MALIK, *Sub Dean*

Teaching Schedule

| | |
|---|--|
| First of the Month Clinical Meeting | 2:30 p.m.–4 p.m. (Auditorium, Working Women's Hostel) |
| Clinicopathological Conference | 2:15 p.m.–3:30 p.m. (Auditorium) |
| Clinical Combined Rounds | 11:30 a.m.–12:30 p.m., Tuesday (Board Room) |
| Combined Medicosurgical Rounds | 11:30 a.m.–12:30 p.m., Friday (Board Room) |
| Pathology/ Biochemistry/ Haematology/ Microbiology/ Genetics Meetings | 2:15 p.m.–3:30 p.m. (Board Room) |
| Imaging Meetings | 2:15 p.m.–3:30 p.m. (Board Room) |

The DNB programme was started at Sir Ganga Ram Hospital in 1984 in five disciplines. Today it caters DNB courses in 42 disciplines, 16 Broad specialties, 20 Super specialties and 6 Postdoctoral fellowships and is the largest DNB accreditation centre in the country. Over the years, the standard of these training courses at Sir Ganga Ram Hospital has been recognized by the National Board of Examinations as a benchmark and serves as a model for other private institutions running DNB courses.

GRIPMER: The Ganga Ram Institute for Postgraduate Medical Education and Research was launched in 2012 to be an overarching body to facilitate and coordinate the functioning of the institution's various activities dealing with Academics, Research, Continuing Medical Education, Ethics, Library and Publications including the bimonthly journal, *Current Medicine Research and Practice* and SGRH Alumni.

First of the Month Clinical Meeting

The department conducts a clinical meeting on the first of each month where all departments in turn present their achievements and latest trends in their respective fields. The following guidelines are to be followed:

- The subject should be of general interest to people of all disciplines
- Address by the Chairman, Board of Management for 5 minutes
- Ten minutes will be used for discussion

The actual presentation should be of 40 minutes, well-rehearsed and coordinated so that it is within the time schedule and there is no redundancy of presentation. Overhead projection should not be used.

Attendance is mandatory for Junior, Associate, Senior, Visiting and Courtesy Consultants.

Time: 2:30 p.m.–4 p.m.

Venue: Auditorium, Working Women's Hostel

| <i>Day</i> | <i>Date</i> | <i>Department</i> |
|------------|-------------|--|
| Monday | 01.07.19 | Joint Replacement Surgery |
| Thursday | 01.08.19 | Medical Oncology |
| Monday | 02.09.19 | Neurology |
| Tuesday | 01.10.19 | Clinical Haematology |
| Friday | 01.11.19 | Institute of Psychiatry and Behavioural Sciences |
| Monday | 02.12.19 | Institute of Robotic Surgery |

Clinicopathological Conference

Time: 2:15 p.m.

Venue: Auditorium

The Department of Pathology presents a clinical and interesting case in which the discussant is an invited faculty member from one of the best known institutions of the country. The Department of Pathology will conduct CPCs on the following dates:

| <i>Date</i> | <i>Day</i> |
|-------------|--------------|
| 25.07.19 | 4th Thursday |
| 31.10.19 | 5th Thursday |
| 26.12.19 | 4th Thursday |

An attendance of 75% is mandatory for Junior, Associate and Senior Consultants, Residents and DNB students.

Clinical Combined Rounds

Time: 11:30 a.m., Tuesday

Venue: Board Room

Clinical combined rounds are held every Tuesday between 11:30 a.m. and 12:30 p.m. in the Seminar Room. During each round, two departments present cases adhering, as far as possible, to the following pattern:

- The resident presents the history, examination findings, results of investigations and clinical diagnosis using computerized projection (12 minutes).
- The Departments of Pathology and Imaging or other departments describe the contribution they have made to the management (5 minutes).
- The consultant in-charge of the case highlights its interesting features (2 minutes).
- The resident discusses the case in the light of the published literature and attempts to derive a message that is more widely applicable (6 minutes).
- There is then a short general discussion (5 minutes).

Schedule for Clinical Combined Rounds

Time: 11:30 a.m., Tuesday

Venue: Board Room

| | | |
|----------|--|--|
| 02.07.19 | Medicine Unit-I | General and Laparoscopic Surgery Unit-I |
| 09.07.19 | Neurophysiology | Spine Surgery (Neurosurgery) |
| 16.07.19 | Paediatric Intensive Care | Ophthalmology |
| 23.07.19 | Clinical Haematology | Cardiac Surgery |
| 30.07.19 | Cardiac Anaesthesia | Orthopaedics |
| 06.08.19 | Nephrology | iMAS |
| 13.08.19 | Paediatrics | Renal Transplant Surgery |
| 20.08.19 | Medicine Unit-II | General and Laparoscopic Surgery Unit-II |
| 27.08.19 | Endocrinology | CTVS |
| 03.09.19 | Gastroenterology | Obstetrics and Gynaecology |
| 10.09.19 | Paediatrics Nephrology | Paediatrics Surgery |
| 17.09.19 | Critical Care Medicine | Joint Replacement Surgery |
| 24.09.19 | Sleep Medicine | ENT |
| 01.10.19 | Chest Medicine | Reproduction Medicine IVF |
| 15.10.19 | Medical Oncology | Urology |
| 22.10.19 | Dermatology | Plastic Surgery |
| 05.11.19 | Medicine Unit-II | Dental Surgery |
| 19.11.19 | Neurology | General and Laparoscopic Surgery Unit-II |
| 26.11.19 | Cardiology | Ophthalmology |
| 03.12.19 | Anaesthesiology, Pain and Perioperative Medicine | Spine Surgery (Orthopaedic) |

| | | |
|----------|--|--|
| 10.12.19 | Interventional Radiology | Paediatric Cardiac Surgery |
| 17.12.19 | Neurology | Vascular Surgery |
| 24.12.19 | Institute of Medical Genetics and Genomics | Surgical Gastroenterology and Liver Transplant Surgery |
| 31.12.19 | Paediatric Cardiology | Neurosurgery |

Combined Medicosurgical Rounds

Combined medicosurgical rounds are held on every Friday between 11:30 a.m. and 12:30 p.m. in the Board Room. To make these meetings more beneficial for the participants, the following guidelines are suggested:

- Two well-prepared clinical cases should be presented and these cases should be of common interest and convey a message to the participants.
- The case history, physical findings and investigations should be presented by the postgraduate or resident doctor preferably with an LCD projector.
- Following the presentation, the diagnosis and differential diagnosis of the case should be discussed by the consultant-in-charge. Adequate time should be provided for general discussion, and questions and answers.
- A review of the literature, if necessary, may be given at the end.
- When help of the consultants from investigative and other departments is required during the presentation, they should be informed at least one day earlier so that they may come prepared.

Schedule for Combined Medicosurgical Rounds

| | |
|------------|--|
| 1st Friday | Dr S.P. Byotra/ Dr Atul Kakar/ Dr Atul Gogia/ Dr Nakul Gupta/ Dr (Col) S.K. Chadha/ Dr V.S. Bedi/ Dr Sandeep Aggarwal/ Dr Ajay Yadav/ Dr Ambarish Satwik/ Dr Dhruv Agarwal/ Dr Apurva Srivastava |
| 2nd Friday | Dr Vijay Arora/ Dr C.S. Ramachandran/ Dr Pramoj Jindal/ Dr Srikrishna Das/ Dr Shyam Aggarwal |
| 3rd Friday | Dr Vinod Malik/ Dr S.M. Taha/ Dr Tarun Mittal/ Dr Ashish Dey Alternate 3rd Friday: Dr L. Duggal/ Dr Neeraj Jain/ Clinical Haematology/ Dr (Col) Jyoti Kotwal/ Dr (Brig) Ajay Sharma/ Dr Nitin Gupta/ Dr Ved Chaturvedi |
| 4th Friday | Dr Anil Arora/ Dr M. Kumar/ Dr Piyush Ranjan/ Dr Naresh Bansal/ Dr Munish K. Sachdeva/ Dr Pankaj Tyagi/ Dr Praveen Sharma/ Dr Ashish Kumar/ Dr Neeraj Jain/ Dr Bobby Bhalotra/ Dr Ujjwal Parakh |
| 5th Friday | Dr T.B.S. Buxi—MRI, CT Scan |

Pathology/Biochemistry/Haematology/Microbiology/ Genetics Meetings

Time: 2:15 p.m.–3:30 p.m.

Venue: Board Room

1st Thursday

Pathology and Cytology

On alternate 3rd Thursday

(a) Haematology and Biochemistry
(b) Microbiology and Genetics

In these meetings, three to four interesting cases of both clinical and academic interest are presented in detail. The clinicians present the clinical data and the concerned laboratory presents its findings followed by discussion and theoretical aspects of the case including the differential diagnosis.

A minimum of 75% attendance is mandatory for Junior, Associate and Senior Consultants, Residents and DNB students.

Imaging Meetings

Time: 2:15 p.m.–3:30 p.m.

Venue: Board Room

| | | |
|--------------|-----------------------------------|------------|
| 2nd Thursday | Radiology | 30 minutes |
| | Ultrasound | 30 minutes |
| | | |
| 4th Thursday | CT and MRI/ PET/ Nuclear Medicine | |

Radiologists present cases of academic interest and discussions are held along with the clinician and pathologist.

A minimum of 75% attendance is mandatory for Junior, Associate and Senior Consultants, Residents and DNB students.

Basic Science Lecture of the Month

Time: 8 a.m.–9 a.m., Second Friday

Venue: Board Room, SSRB

The topics of lectures will be displayed on the Notice Boards as well as on the Hospital website. A minimum of 70% attendance is mandatory for DNB students.

ANAESTHESIOLOGY, PAIN AND PERIOPERATIVE MEDICINE

Chairperson: Dr JAYASHREE SOOD

Teaching Coordinators: Dr PRADEEP JAIN, Dr DEEPANJALI PANT

Teaching Schedule

| | |
|-------------------|---|
| Venue | Seminar Room (Skill Room), 5th Floor |
| Seminar | 7 a.m.–8 a.m., every Tuesday |
| Case Presentation | 8 a.m., every Friday |
| Tutorial | 8 a.m., every Thursday |
| Journal Club | 7:15 a.m., 2nd Saturday |
| Morbidity Meet | 7:15 a.m., 4th Saturday |
| Written Test | 10 a.m.–12 noon, last Saturday of every month |

Attendance

Attendance is compulsory for all postgraduates.

Assessment

Done weekly after every seminar.

Seminars

Time: 7 a.m.–8 a.m. every Tuesday

Venue: Seminar Room, 5th Floor, O.T. Complex

| <i>Date</i> | <i>Topic</i> | <i>Speaker</i> | <i>Moderator</i> |
|-------------|--|----------------|----------------------------|
| 02.07.19 | Anaesthesia in remote locations | Dr Pulkit | Dr A. Gera/ Dr Samia |
| 09.07.19 | Anaesthesia for bariatric surgery | Dr Shweta | Dr A. Jain/ Dr Anirban |
| 16.07.19 | Anaesthesia for laparoscopic and robotic surgery | Dr Shramana | Dr N. Sethi/ Dr Akhil |
| 23.07.19 | Eye and anaesthesia | Dr Parveen | Dr J. Sood/ Dr Sudeep |
| 30.07.19 | Biostatics and ethics | Dr Deepali | Dr A. Dutta/ Dr Savitar |
| 06.08.19 | Positioning in anaesthesia | Dr Thomas | Dr R. Jain/ Dr Prashant |

| <i>Date</i> | <i>Topic</i> | <i>Speaker</i> | <i>Moderator</i> |
|-------------|--|----------------|---------------------------------|
| 13.08.19 | Anaesthesia for joint replacement | Dr Reshmika | Dr R. Saxena/ Dr Abhjit |
| 20.08.19 | Anaesthesia for endocrine disorders (excluding diabetes) | Dr Prasanth | Dr N. Ganguly/ Dr Alok |
| 27.08.19 | Thermoregulation and malignant hyperthermia | Dr Pulkit | Dr B. Sharma/ Dr Ishtiyaque |
| 03.09.19 | Respiratory system; applied anatomy and physiology, control of respiratory and pulmonary circulation | Dr Shweta | Dr N. Jain/ Dr Vineet |
| 10.09.19 | Mechanics of respiration, effects of anaesthesia on respiration | Dr Shramana | Dr K.K. Narani/ Dr Sumit |
| 17.09.19 | O ₂ and CO ₂ transport | Dr Parveen | Dr P. Choudhary/ Dr Megha |
| 24.09.19 | Oxygen therapy, toxicity and humidification | Dr Deepali | Dr R. Bhutani/ Dr Himani |
| 01.10.19 | Pulmonary function tests | Dr Thomas | Dr A. Singh/ Dr Manish K. |
| 09.10.19 | Respiratory failure and ARDS | Dr Reshmika | Dr S. Pandey/ Dr Abhjit |
| 15.10.19 | Mechanical ventilation | Dr Prasanth | Dr D. Pant/ Dr Ashwin |
| 22.10.19 | Anaesthesia for thoracic surgery | Dr Pulkit | Dr S. Sharma/ Dr Ajay |
| 29.10.19 | Acid–base balance | Dr Shweta | Dr B.C. Panday/ Dr Anriban |
| 05.11.19 | Perioperative fluid and electrolyte therapy | Dr Deepali | Dr A. Jain/ Dr Sumit |
| 12.11.19 | Transfusion of blood and blood products | Dr Parveen | Dr M. Gupta/ Dr Bhavna |
| 19.11.19 | Pain anatomy, pathophysiology and postoperative pain | Dr Shramana | Dr N. Dua/ Dr Mahinder |
| 26.11.19 | Principles and technique of USG-guided nerve block | Dr Prasanth | Dr S. Malhotra/ Dr Manish K. |
| 03.12.19 | Nerve blocks for management of chronic pain | Dr Pulkit | Dr P. Jain/ Dr Mithilesh |
| 10.12.19 | Neuromuscular junction anatomy and physiology | Dr Reshmika | Dr C. Sahai/ Dr Neetu |
| 17.12.19 | Physiological changes in pregnancy | Dr Thomas | Dr B. Sharma/ Dr Anjali |

| <i>Date</i> | <i>Topic</i> | <i>Speaker</i> | <i>Moderator</i> |
|-------------|-------------------------------------|----------------|----------------------------|
| 24.12.19 | Labour analgesia | Dr Shweta | Dr A.K. Gupta/ Dr Shvet |
| 31.12.19 | Hypertensive disorders of pregnancy | Dr Deepali | Dr A. Koul/ Dr Geeta |

Case Presentation

Time: 8 a.m. every Friday

Venue: 5th Floor, Seminar Room, SSRB

| <i>Date</i> | <i>Topic</i> | <i>Speaker</i> | <i>Moderator</i> |
|-------------|--|----------------|----------------------------------|
| 05.07.19 | ASD for hernia | Dr Reshmika | Dr Reena Joshi/ Dr Anirban |
| 12.07.19 | Morbid obese with fracture radius | Dr Deepali | Dr A.K. Jain/ Dr Vineet |
| 19.07.19 | HTN for Lap. chole | Dr Thomas | Dr B. Sharma/ Dr Samia |
| 26.07.19 | Squint/ cataract surgery | Dr Prasanth | Dr J. Sood/ Dr Prashant |
| 02.08.19 | Thyroid surgery | Dr Pulkit | Dr S. Malhotra/ Dr Ishtiyaque |
| 09.08.19 | Vascular patient on anticoagulants | Dr Shramana | Dr K.K. Narani/ Dr Shvet |
| 16.08.19 | TURP | Dr Parveen | Dr A.Dutta/ Dr Alok |
| 23.08.19 | TKR/ THR | Dr Shweta | Dr R. Saxena/ Dr Abhjit |
| 30.08.19 | Tonsillectomy | Dr Reshmika | Dr D. Pant/ Dr Sudeep |
| 06.09.19 | CLD patient for non-liver surgery | Dr Deepali | Dr S. Pandey/ Dr Prashant |
| 13.09.19 | Kyphoscoliosis | Dr Thomas | Dr C. Sahai/ Dr Manish K |
| 20.09.19 | VP shunt/ hydrocephalus | Dr Prasanth | Dr R. Bhutani/ Dr Bhuwan |
| 27.09.19 | Difficult airway | Dr Pulkit | Dr N. Sethi/ Dr Bhavna |
| 04.10.19 | Debridement of foot (diabetic/ ischaemic) | Dr Shramana | Dr P. Jain/ Dr Mithilesh |
| 11.10.19 | Asthma with B/L TEP | Dr Parveen | Dr N. Dua/ Dr Vineet |

| <i>Date</i> | <i>Topic</i> | <i>Speaker</i> | <i>Moderator</i> |
|-------------|--|----------------|-------------------------------|
| 18.10.19 | Intracranial tumour | Dr Shweta | Dr N. Ganguli/ Dr Sumit |
| 25.10.19 | Thoracic tumour/ bronchiectasis | Dr Reshmika | Dr S. Sharma/ Dr Akhil |
| 01.11.19 | CKD for non-renal surgery | Dr Deepali | Dr M. Gupta/ Dr Ishtiyaque |
| 08.11.19 | Peripheral vascular disease for amputation | Dr Thomas | Dr N. Jain/ Dr Anirban |
| 15.11.19 | Post-burn contracture of neck | Dr Prasanth | Dr A. Gera/ Dr Geeta |
| 22.11.19 | Meningomyelocele | Dr Pulkit | Dr A. Koul/ Dr Mahinder |
| 29.11.19 | ESRD for KTP | Dr Shramana | Dr R. Jain/ Dr Sudeep |
| 06.12.19 | Obstructive jaundice/ ascites | Dr Parveen | Dr A. Singh/ Dr Ajay |
| 13.12.19 | Hoarseness of voice—MLS | Dr Shweta | Dr Prabhat/ Dr Himani |
| 20.12.19 | Normal pregnancy/ anaemia in pregnancy | Dr Reshmika | Dr J. Sood/ Dr Ashwin |
| 27.12.19 | MS for LSCS | Dr Deepali | Dr A.K. Gupta/ Dr Megha |

Tutorial

Time: 8 a.m. every Thursday

Venue: 5th Floor, Seminar Room, SSRB

| <i>Date</i> | <i>Topic</i> | <i>Speaker</i> |
|-------------|--|-----------------------|
| 04.07.19 | Capnography | Dr Shvet Mahajan |
| 11.07.19 | Pulse oximetry | Dr Vineet Dhawan |
| 18.07.19 | Positioning | Dr Prashant Aggarwal |
| 25.07.19 | Local anaesthesia | Dr Ishtiyaque Hussain |
| 01.08.19 | DVT prophylaxis | Dr Ashwin Marwaha |
| 08.08.19 | Nerve blocks for upper limb | Dr Bhuwan Panday |
| 14.08.19 | Nerve blocks for lower limb | Dr Anirban Roy |
| 22.08.19 | Nerve blocks for thorax | Dr Mahinder Singh |
| 29.08.19 | Vascular access | Dr Manish Kohli |
| 05.09.19 | Various recent guidelines related to anaesthesia | Dr Sumit Kalra |
| 12.09.19 | PAC | Dr Abhjit Singh |

| <i>Date</i> | <i>Topic</i> | <i>Speaker</i> |
|-------------|---|----------------------|
| 19.09.19 | Pharmacokinetics and pharmacodynamics | Dr Sudeep Goyal |
| 26.09.19 | Resuscitation equipment | Dr Ajay Sirohi |
| 03.10.19 | Ventilators | Dr Savitar Malhotra |
| 10.10.19 | How to write a paper for publication | Dr Nitin Sethi |
| 17.10.19 | PACU—monitoring | Dr Rachna Bhutani |
| 24.10.19 | Management of anaphylaxis | Dr Geeta Setia |
| 31.10.19 | Blood and blood products | Dr Neetu Jain |
| 07.11.19 | Inotropes and vasopressors | Dr Akhil Kumar |
| 14.11.19 | Videolaryngoscopes | Dr Alok Kumar |
| 21.11.19 | Neuraxial blocks | Dr Manish Gupta |
| 28.11.19 | Transportation of critically ill | Dr Mithilesh Kumar |
| 05.12.19 | Handling patients with positive viral markers | Dr Anjali Gera |
| 12.12.19 | Nerve blocks for abdomen | Dr Naresh Dua |
| 19.12.19 | Chest physiotherapy | Dr Bhuwan Panday |
| 26.12.19 | Normal values and significant of lab investigations | Dr Prabhat Choudhary |

Journal Club

Time: 7:15 a.m., 2nd Saturday

Venue: 5th Floor, Seminar Room, SSRB

| S.No. | Month | Name |
|-------|-----------|-------------|
| 1. | July | Dr Parveen |
| 2. | August | Dr Deepali |
| 3. | September | Dr Prasanth |
| 4. | October | Dr Pulkit |
| 5. | November | Dr Sneha |
| 6. | December | Dr Shweta |

Written Test

Time: 10 a.m.–12 noon, last Saturday of every month

Venue: 5th Floor, Seminar Room, SSRB

Chairperson: Dr SEEMA BHARGAVA

Teaching Schedule

| | |
|-----------------------------------|--|
| Journal Club/ Research Seminar | 2 p.m.–3 p.m., 4th Wednesday of the month (Venue: Department) |
| Tutorials | 2:15–3:15 p.m., 4th Monday of the month (Venue: Department) |
| Thursday Laboratory Meetings | 2:15 p.m.–3:15 p.m., every Thursday (Venue: Board Room) |

Journal Club/Research Seminar

Time: 2 p.m.–3 p.m., 4th Wednesday of the month

Venue: Department

Speakers: Faculty of the department and invited scientists engaged in the areas of Clinical Biochemistry, Molecular Biology and Immunology

Topics of Journal Clubs and Seminars will be circulated.

The department conducts a PhD programme and PhD scholars and research fellows are expected to present his or her research progress once during the semester.

Tutorials (Speakers will be faculty of the department)

Time: 2:15–3:15 p.m., 4th Monday of the month

Venue: Department

| <i>Date</i> | <i>Topic</i> | <i>Speaker</i> | <i>Moderator</i> |
|-------------|--|--------------------|-------------------|
| 29.07.19 | Newer trends in diabetes management | Dr Seema Bhargava | Dr Anjali Manocha |
| 26.08.19 | Preanalytical variables and biological variation | Dr Parul Singla | Dr Mamta Kankra |
| 23.09.19 | Electrolytes and blood gases | Dr Manushri Sharma | Dr Parul Singla |
| 21.10.19 | Point of care testing (POCT) | Dr Anjali Manocha | Dr Seema Bhargava |
| 25.11.19 | Cardiovascular risk factors | Dr Anisha Sharma | Dr Parul Singla |
| 23.12.19 | Lab automation and its advantages | Dr Mamta Kankra | Dr Anjali Manocha |

Thursday Laboratory Meetings

Time: 2:15 p.m.–3:15 p.m. (to be shared with another paraclinical department once in 6 months), every Thursday

Venue: Board Room

Topics: Will be circulated

Speaker/ Presenter: Will be decided

The specifics will be communicated in advance.

Chairperson: Dr ARUN MAHESHWARI

Teaching Coordinator: Dr PANKAJ GUPTA

Teaching Schedule

| | |
|-----------------------|--|
| Venue | 5th Floor, Cardiac Surgery Doctor's lounge at Dharma Vira Heart Centre |
| Seminar/ Journal Club | 11 a.m.–12 noon, Wednesday and Saturday |

Seminar/Journal Club

Time: 11 a.m.–12 noon, Wednesday and Saturday

Venue: 5th Floor, Cardiac Surgery Doctor's lounge at Dharma Vira Heart Centre

| <i>Date</i> | <i>Day</i> | <i>Topic</i> | <i>Presenter</i> | <i>Moderator</i> |
|-------------|------------|--|------------------|------------------|
| 03.07.19 | (Wed) | Chest X-ray | Dr Kaushal | Dr Pankaj Gupta |
| 06.07.19 | (Sat) | Journal Club | Dr Elvin | Dr A. Maheshwari |
| 10.07.19 | (Wed) | Coronary circulation | Dr Rashmi | Dr Rachna Gupta |
| 13.07.19 | (Sat) | Journal Club | Dr Pankaj | Dr A. Maheshwari |
| 17.07.19 | (Wed) | Anatomy of heart | Dr Kamal | Dr Elvin Daniel |
| 20.07.19 | (Sat) | Journal Club | Dr Elvin | Dr Rachna Gupta |
| 24.07.19 | (Wed) | Physiology of heart | Dr Kaushal | Dr Pankaj Gupta |
| 27.07.19 | (Sat) | Anaesthesiologist's role in cath lab | Dr Rashmi | Dr Elvin Daniel |
| 31.07.19 | (Wed) | Journal Club | Dr Elvin | Dr A. Maheshwari |
| 03.08.19 | (Sat) | Arrhythmia | Dr Kamal | Dr Rachna Gupta |
| 07.08.19 | (Wed) | Journal Club | Dr Pankaj | Dr A. Maheshwari |
| 10.08.19 | (Sat) | Aortic aneurysm | Dr Rashmi | Dr Pankaj Gupta |
| 14.08.19 | (Wed) | Cardiac implantable electrical devices | Dr Kamal | Dr Elvin Daniel |
| 17.08.19 | (Sat) | Journal Club | Dr Elvin | Dr A. Maheshwari |
| 21.08.19 | (Wed) | Constrictive pericarditis | Dr Rashmi | Dr Rachna Gupta |
| 24.08.19 | (Sat) | Journal Club | Dr Pankaj | Dr A. Maheshwari |
| 28.08.19 | (Wed) | Cardiac tamponade | Dr Kamal | Dr Pankaj Gupta |
| 31.08.19 | (Sat) | Journal Club | Dr Elvin | Dr A. Maheshwari |
| 04.09.19 | (Wed) | Anticoagulation in cardiac surgery | Dr Kaushal | Dr Rachna Gupta |
| 07.09.19 | (Sat) | Journal Club | Dr Pankaj | Dr A. Maheshwari |

| <i>Date</i> | <i>Day</i> | <i>Topic</i> | <i>Presenter</i> | <i>Moderator</i> |
|-------------|------------|---|------------------|------------------|
| 11.09.19 | (Wed) | Fluid management | Dr Rashmi | Dr Pankaj Gupta |
| 14.09.19 | (Sat) | Journal Club | Dr Elvin | Dr Rachna Gupta |
| 18.09.19 | (Wed) | Blood transfusion and conservation trachea in cardiac surgery | Dr Kaushal | Dr Pankaj Gupta |
| 21.09.19 | (Sat) | Journal Club | Dr Pankaj | Dr Rachna Gupta |
| 25.09.19 | (Wed) | TAVI | Dr Kaushal | Dr Elvin Daniel |
| 28.09.19 | (Sat) | Journal Club | Dr Elvin | Dr A. Maheshwari |
| 02.10.19 | (Wed) | Echo assessment of mitral valve | Dr Rashmi | Dr Rachna Gupta |
| 05.10.19 | (Sat) | Echo assessment of aortic valve | Dr Kaushal | Dr Elvin Daniel |
| 09.10.19 | (Wed) | Journal Club | Dr Pankaj | Dr A. Maheshwari |
| 12.10.19 | (Sat) | TEE assessment of LV systolic function | Dr Kaushal | Dr Pankaj Gupta |
| 16.10.19 | (Wed) | Journal Club | Dr Elvin | Dr Rachna Gupta |
| 19.10.19 | (Sat) | TEE assessment of LV diastolic function | Dr Rashmi | Dr Pankaj Gupta |
| 23.10.19 | (Wed) | Journal Club | Dr Pankaj | Dr A. Maheshwari |
| 26.10.19 | (Sat) | TEE assessment of RV function | Dr Kamal | Dr Elvin Daniel |
| 02.11.19 | (Sat) | Journal Club | Dr Elvin | Dr Rachna Gupta |
| 06.11.19 | (Wed) | Tricuspid atresia | Dr Kaushal | Dr Pankaj Gupta |
| 09.11.19 | (Sat) | Journal Club | Dr Pankaj | Dr A. Maheshwari |
| 13.11.19 | (Wed) | TAPVC | Dr Rashmi | Dr Elvin Daniel |
| 16.11.19 | (Sat) | Journal Club | Dr Elvin | Dr Rachna Gupta |
| 20.11.19 | Wed | DORV with VSD | Dr Kamal | Dr Elvin Daniel |
| 23.11.19 | (Sat) | Journal Club | Dr Pankaj | Dr A. Maheshwari |
| 27.11.19 | (Wed) | Truncus arteriosus | Dr Kaushal | Dr Elvin Daniel |
| 30.11.19 | (Sat) | Journal Club | Dr Elvin | Dr Rachna Gupta |
| 04.12.19 | (Wed) | Post-MI, VSD, MR, LV rupture | Dr Rashmi | Dr Elvin Daniel |
| 07.12.19 | (Sat) | Journal Club | Dr Pankaj | Dr A. Maheshwari |
| 11.12.19 | (Wed) | Prosthetic valve | Dr Kamal | Dr Rachna Gupta |
| 14.12.19 | (Sat) | Journal Club | Dr Elvin | Dr A. Maheshwari |
| 18.12.19 | (Wed) | Tricuspid regurgitation | Dr Kaushal | Dr Elvin Daniel |
| 21.12.19 | (Sat) | Journal Club | Dr Pankaj | Dr A. Maheshwari |
| 28.12.19 | (Sat) | Minimally invasive cardiac surgery | Dr Rashmi | Dr Rachna Gupta |

Chairperson: Dr GANESH RAJ SHIVNANI

Teaching Coordinator: Dr SUMIR DUBEY

Teaching Schedule

| | |
|--|---|
| Venue | Surgeons' Lounge, 5th Floor |
| Short Review | 8:30 a.m.–10 a.m., every 2nd and 4th Saturday |
| Journal Club | 9 a.m.–10 a.m., every Saturday |
| Case Presentation | 8:30 a.m.–10 a.m., every Saturday |
| Combined Journal Club and Cath Lab Meeting | 1 p.m.–2 p.m., every Saturday (Venue: Conference Room, 5th Floor) |
| Lecture | 8 a.m.–9 a.m., last Saturday of every month (Venue: Surgeons' Lounge, 5th Floor [Cardiac Operation Theatre]) |

The Department of Cardiac Surgery has been recognized for the DNB training programme. Beginning from August 2001, two candidates per year are inducted for training, which is for three years.

A brief outline of the DNB training programme

The main thrust of training is to make candidates independent consultants. The training imparted is in the form of preoperative, operative and postoperative management of various types of cardiac surgical procedures. The department has one senior consultant, two junior consultants and four attending cardiac surgeons.

Requirements

Candidates will be expected to attend all ward rounds and operating sessions. They will be actively involved in preoperative assessment as well as postoperative management of cardiac surgical patients. Each student is required to maintain a log book in which all cases presented, surgeries assisted, surgeries performed, lectures, seminars and Journal Clubs attended are recorded.

Attendance

It is compulsory for students to attend all the lectures, seminars, tutorials and Journal Clubs.

Academic Programme

The department regularly holds lectures, Journal Clubs and seminars. With the induction of DNB candidates, the department will expand its academic programme. It will include faculty lectures, seminars, case presentations, Journal Clubs and discussion on operations. Faculty lectures will be held by consultants or the Departments of Cardiac Surgery, Cardiac Anaesthesia, Cardiology, General Medicine, Nephrology, Pathology, Microbiology, Radiology, Biochemistry and other supportive services. Seminars and Journal Clubs will be held regularly, in which DNB students, assisted by a consultant, will present a surgical topic and review current journals.

Short Review

Time: 8:30 a.m.–10 a.m., every 2nd and 4th Saturday

Venue: Surgeons' Lounge, 5th Floor

Journal Club

Time: 9 a.m.–10 a.m., every Saturday

Venue: Surgeons' Lounge, 5th Floor

Important cardiac surgery journals will be reviewed:

Annals of Thoracic Surgery

Journal of Thoracic and Cardiovascular Surgery

Chest Clinics of North America

Recent Advances in Cardiac Surgery

Journal of Cardiac Surgery

Case Presentation

Time: 8:30 a.m.–10 a.m., every Saturday

Venue: Surgeons' Lounge, 5th Floor

Journal Club will be followed by a case presentation by the DNB candidates on every Saturday.

Combined Journal Club and Cath Lab Meeting

Time: 1 p.m.–2 p.m., every Saturday

Venue: Conference Room, 5th Floor

Important cardiology and cardiac surgery journals will be reviewed. This will be followed by a combined Cardiology–Cardiac Surgery and Cardiac Cath meeting where interesting cath procedures and angiographies will be discussed along with discussion of interesting cases. All consultants of Cardiology, Cardiac Surgery and

Cardiac Anaesthesiology will attend this combined Journal Club. DNB candidates of both cardiology and cardiac surgery will be required to take an active part in the Combined Journal Club.

Lecture

Time: 8 a.m.–9 a.m., last Saturday of every month

Venue: Surgeons' Lounge, 5th Floor (Cardiac Operation Theatre)

| <i>Date</i> | <i>Topic</i> | <i>Speaker</i> |
|-------------|---|----------------|
| 27.07.19 | Basics of cardiopulmonary bypass, myocardial management | Dr G. Shivnani |
| 31.08.19 | Congenital heart disease—classification | Dr S. Shad |
| 28.09.19 | Postoperative care of cardiac surgery patients | Dr S. Dubey |
| 26.10.19 | Atrial septal defect | Dr S. Dubey |
| 30.11.19 | Palliative shunts in cyanotic heart disease | Dr G. Shivnani |
| 28.12.19 | Mitral Valve Disease | Dr S. Shad |

Chairperson: Dr C. WATTAL

Teaching Coordinator: Dr JASWINDER KAUR OBEROI

Teaching Schedule

| | |
|--------------------------------------|--|
| Seminar/ Journal Club | 12 noon–1 p.m., Wednesday (Venue: Board Room, New Building) |
| Tutorials | 12 noon–1 p.m., Saturday (Venue: Microbiology Lab) |
| Technician Training Programme | 2:30 p.m., Friday (Venue: Microbiology Lab) |

The Department has a DNB course in clinical microbiology with one candidate every year. The training includes daily benchwork according to the posting schedule, participation in Journal Clubs, seminars, tutorials, training of the technicians and attending other academic activities of the hospital. The student will have to maintain the contents of the seminars as presented in the meeting. The student shall also be required to conduct practical tutorials for the technical staff. A PG is expected to involve herself/himself in the day-to-day functioning of the Department.

Seminar/Journal Club

Time: 12 noon–1 p.m., alternate Wednesday

Venue: Board Room, New Building

| <i>Date</i> | <i>Topic</i> | <i>Presenter</i> | <i>Moderator</i> |
|-------------|--|------------------|------------------|
| 03.07.19 | Journal Club | Dr C. Wattal | – |
| 17.07.19 | Newer techniques for diagnosis of Mycobacterial infections | Dr Swaranlata | Dr R. Raveendran |
| 31.07.19 | Journal Club | Dr J.K. Oberoi | – |
| 14.08.19 | Microscopy | Ist year DNB | Dr Neeraj Goel |
| 28.08.19 | Journal Club | Dr Neeraj Goel | – |
| 11.09.19 | NTMs | Dr Swaranlata | Dr J.K. Oberoi |
| 25.09.19 | Journal Club | Dr S. Datta | – |
| 16.10.19 | Disinfection | Ist year DNB | Dr S. Datta |
| 30.10.19 | Journal Club | Dr K.J. Prasad | – |
| 13.11.19 | Malaria vaccine and other vaccines for parasitic diseases | Dr Swaranlata | Dr K.J. Prasad |

| <i>Date</i> | <i>Topic</i> | <i>Presenter</i> | <i>Moderator</i> |
|-------------|--|------------------|------------------|
| 27.11.19 | Journal Club | Dr R. Raveendran | – |
| 11.12.19 | Mycobacteriology lab setup: Guidelines | 1st year DNB | Dr R. Raveendran |

Tutorials

Time: 12 noon–1 p.m., alternate Saturday

Venue: Hall B

| <i>Date</i> | <i>Topic</i> | <i>Presenter</i> | <i>Moderator</i> |
|-------------|--|------------------|------------------|
| 06.07.19 | <i>M. leprae</i> | Dr Swaranlata | Dr K.J. Prasad |
| 20.07.19 | Cell shape and cytoskeleton of bacteria | 1st year DNB | Dr Neeraj Goel |
| 03.08.19 | Mycobacterial AST | Dr Swaranlata | Dr R. Raveendran |
| 17.08.19 | Growth, nutrition of bacteria | 1st year DNB | Dr Neeraj Goel |
| 31.08.19 | Agents of bioterrorism and role of sentinel laboratory | Dr Swaranlata | Dr C. Wattal |
| 07.09.19 | Staining techniques in bacteriology | 1st year DNB | Dr S. Datta |
| 21.09.19 | Syndromic panel testing in clinical microbiology | Dr Swaranlata | Dr Neeraj Goel |
| 05.10.19 | Culture media | 1st year DNB | Dr S. Datta |
| 19.10.19 | Toxoplasmosis: Recent advances | Dr Swaranlata | Dr K.J. Prasad |
| 02.11.19 | Mycobacterial cell wall and AFB staining techniques | 1st year DNB | Dr R. Raveendran |
| 16.11.19 | Antibiotic hybrids | Dr Swaranlata | Dr J.K. Oberoi |
| 30.11.19 | Decontamination technique | 1st year DNB | Dr R. Raveendran |
| 21.12.19 | AFB culture | 1st year DNB | Dr J.K. Oberoi |

Technician Training Programme

Time: 2:30 p.m., Friday

Venue: Microbiology Lab

| <i>Date</i> | <i>Topic</i> | <i>Presenter</i> |
|-------------|--------------------------------------|------------------|
| July | Carba NP and rapid polymyxin NP test | Kanchan |
| August | Vitek MS identification of fungi | Rajinder |
| September | BMD for colistin | Parvesh |

| <i>Date</i> | <i>Topic</i> | <i>Presenter</i> |
|-------------|---------------------------------------|------------------|
| October | Biofire LRT panel | Anuradha |
| November | Vitek MS Mycobacterial identification | Deepti |
| December | MGIT | Aradhana |

The technician training classes will be moderated by DNB students, Senior Resident along with the consultant-in-charge.

Note: In case of a holiday the scheduled academic activity will be held on the subsequent working day.

Model for DNB programme in Clinical Microbiology

| <i>Posting</i> | <i>1st Year A July–Dec (months)</i> | <i>1st Year B Jan–June (months)</i> | <i>2nd Year A July–Dec (months)</i> | <i>2nd Year B Jan–June (months)</i> | <i>3rd Year A July–Dec (months)</i> | <i>3rd year B Jan–June (months)</i> |
|------------------|---|---|---|---|---|---|
| Bacteriology | 4 | – | 4 | – | – | 7 weeks |
| Mycology | – | 2 | – | 1 | – | –* |
| Mycobacteriology | 2 | – | – | 1 | 3 | –* |
| Parasitology | – | – | 6 weeks | – | 2 | –* |
| Critical Care | – | – | 2 weeks | – | – | – |
| Immunology | – | 2 | – | 6 weeks | 1 | –* |
| Medicine | | | | 2 weeks | | |
| Virology | – | 2 | – | 7 weeks | – | –* |
| Ophthalmology | | | | 1 week | | |
| Histopathology | | | | | | 3 days |
| Cytopathology | | | | | | 3 days |

*Revision posting: 2 months

Chairperson: Dr B.K. RAO

Teaching Coordinator: Dr VINOD K. SINGH

Teaching Schedule

| | |
|-------------------|---|
| Venue | Intensive Care Unit, Seminar Room |
| Lecture/ Seminar | 9 a.m.–10 a.m., every Wednesday |
| Journal Club | 9 a.m.–10 a.m., 1st and 3rd Friday of the Month |
| Case Presentation | 9 a.m.–10 a.m., 2nd and 4th Friday of the Month |
| Medical Audit | 9 a.m.–10 a.m., 1st Saturday of the Month |
| Practical Skills | Bedside teaching |

Lecture/Seminar

| <i>Date</i> | <i>Topic</i> | <i>PG–I/II</i> | <i>Moderator</i> |
|-------------|---|----------------|----------------------------------|
| 03.07.19 | Nosocomial infections diagnosis and management—BSI and VAP | PG–II | Dr Prakash Shastri |
| 10.07.19 | Nosocomial infections diagnosis and management—UTI and SSI | PG–I | Dr Saurabh Taneja |
| 17.07.19 | Community-acquired pneumonia | PG–II | Dr Prasoon Gupta |
| 24.07.19 | Infections in immunocompromised host | PG–II | Dr Debashis Dhar |
| 07.08.19 | Acute respiratory failure— pathophysiology, diagnosis and management | PG–I | Dr Vinod K. Singh |
| 14.08.19 | ARDS rescue treatment | PG–II | Dr B.K. Rao/ Dr Niraj Tyagi |
| 21.08.19 | Hypercapnic respiratory failure | PG–II | Dr Vinod K. Singh |
| 28.08.19 | Mechanical ventilation conventional | PG–I | Dr Ashutosh Taneja |
| 04.09.19 | Mechanical ventilation advanced | PG–II | Dr Niraj Tyagi |
| 11.09.19 | Non-invasive ventilation/ high flow nasal cannula | PG–I | Dr Rahul Kumar |
| 18.09.19 | Management of TBI | PG–I | Dr B.K. Rao/ Dr Prasoon Gupta |

| <i>Date</i> | <i>Topic</i> | <i>PG-I/II</i> | <i>Moderator</i> |
|-------------|---|----------------|--------------------|
| 25.09.19 | Haemodynamic monitoring | PG-I | Dr Debashis Dhar |
| 02.10.19 | Approach to circulatory failure | PG-I | Dr Ashok Anand |
| 09.10.19 | Management of cardiogenic shock | PG-II | Dr Debashis Dhar |
| 16.10.19 | Acute coronary syndrome | PG-I | Dr Niraj Tyagi |
| 23.10.19 | Poisoning—management in emergency and ICU | PG-II | Dr Debashis Dhar |
| 06.11.19 | Management of stroke and SAH in ICU | PG-I | Dr Saurabh Taneja |
| 13.11.19 | Postoperative management of cardiac and thoracic surgical patient | PG-I | Dr Ashutosh Taneja |
| 20.11.19 | Obstetric emergency | PG-II | Dr Saurabh Taneja |
| 27.11.19 | Pulmonary embolism | PG-I | Dr Saurabh Taneja |
| 04.12.19 | DIC, thrombocytopaenia and other coagulation disorders | PG-I | Dr Vinod K. Singh |
| 11.12.19 | Endocrine emergency | PG-II | Dr Prasoon Gupta |
| 18.12.19 | Basic medical statistics | PG-I | Dr Prakash Shastri |
| 25.12.19 | Neuromuscular problems in ICU | PG-I | Dr Rahul Kumar |

Journal Club/Case Presentation

| <i>Date</i> | <i>Topic</i> | <i>PG-I/II</i> | <i>Moderator</i> |
|-------------|-------------------|----------------|-----------------------------|
| 05.07.19 | Journal Club | PG-II | Dr Ashutosh Taneja |
| 12.07.19 | Case presentation | PG-I | Dr Prasoon Gupta |
| 19.07.19 | Journal Club | PG-I | Dr Saurabh Taneja |
| 26.07.19 | Case presentation | PG-I | Dr B.K. Rao/ Dr Rahul Kumar |
| 02.08.19 | Journal Club | PG-I | Dr Vinod K. Singh |
| 09.08.19 | Case presentation | PG-I | Dr Saurabh Taneja |
| 16.08.19 | Journal Club | PG-I | Dr Prakash Shastri |
| 23.08.19 | Case presentation | PG-I | Dr S.C. Sharma |
| 06.09.19 | Journal Club | PG-I | Dr Debashis |
| 13.09.19 | Case presentation | PG-I | Dr Ashok Anand |
| 20.09.19 | Journal Club | PG-II | Dr Ashutosh Taneja |

| <i>Date</i> | <i>Topic</i> | <i>PG-I/II</i> | <i>Moderator</i> |
|-------------|-------------------|----------------|-----------------------------|
| 27.09.19 | Case presentation | PG-I | Dr B.K. Rao/ Dr Niraj Tyagi |
| 04.10.19 | Journal Club | PG-I | Dr Vinod K. Singh |
| 11.10.19 | Case presentation | PG-I | Dr Rahul Kumar |
| 18.10.19 | Journal Club | PG-II | Dr Prasoon Gupta |
| 25.10.19 | Case presentation | PG-I | Dr Prasoon Gupta |
| 01.11.19 | Journal Club | PG-II | Dr Ashutosh Taneja |
| 08.11.19 | Case presentation | PG-II | Dr Prakash Shastri |
| 15.11.19 | Journal Club | PG-I | Dr Vinod K. Singh |
| 22.11.19 | Case presentation | PG-I | Dr Saurabh Taneja |
| 06.12.19 | Journal Club | PG-I | Dr Debashis Dhar |
| 13.12.19 | Case presentation | PG-II | Dr Vinod K. Singh |
| 20.12.19 | Journal Club | PG-II | Dr B.K. Rao |
| 27.12.19 | Case presentation | PG-II | Dr Debashis Dhar |

Note: PG-I: FNB Trainee (1st year)
PG-II: FNB Trainee (2nd year)

| | | |
|----|--------------------------|----------------|
| 1. | Dr Nilanjan Umesh | FNB Trainee-II |
| 2. | Dr Shubhlesh Kumar | FNB Trainee-II |
| 3. | Dr Devender Kumar Singh | FNB Trainee-II |
| 4. | Dr Gynendra Kumar Gautam | FNB Trainee-II |

Intensive Care Skill Station Teaching Schedule

Time: 8:30 a.m.–10 a.m., every Monday and Thursday

Venue: Simulator Room and bedside

| <i>S.No.</i> | <i>Skill Station</i> | <i>Faculty</i> |
|--------------|--|--------------------------------------|
| 1. | Airway management | Dr Rahul Kumar |
| 2. | USG-guided central line/ dialysis catheter | Dr B.K. Rao |
| 3. | ECMO cannulation | Dr Vinod K. Singh/ Dr Sanjeev Mittal |
| 4. | Arterial line | Dr B.K. Rao/ Dr Saurabh Taneja |

| <i>S.No.</i> | <i>Skill Station</i> | <i>Faculty</i> |
|--------------|---------------------------|---|
| 5. | Lung ultrasound | Dr Prakash Shastri/ Dr Debashis Dhar |
| 6. | Bronchoscopy | Dr Vinod K. Singh |
| 7. | ECHO | Dr Vinod K. Singh/ Dr Ashutosh Taneja/ Dr Niraj Tyagi |
| 8. | Percutaneous tracheostomy | Dr S.C. Sharma/ Dr Ashok Anand/ Dr Niraj Tyagi |
| 9. | Cricothyroidotomy | Dr Debashis Dhar |
| 10. | Intercostal drainage | Dr Vinod K. Singh |
| 11. | Lumbar/ epidural puncture | Dr Ashok Anand/ Dr Ashutosh Taneja |

Groups according to Senior Resident roster – morning duty

Chairperson: Dr BELA S. JAIN

Teaching Schedule

| Venue | Seminar Room |
|---------|-------------------------------|
| Seminar | 1:30 p.m.–2 p.m., 1st Tuesday |

The Department of Dental Surgery has gained national reputation for imparting training to Junior Residents who join for a period of 3 months, extendable up to one year. They leave here confident in their clinical skills.

The Department has started organizing scientific meetings in collaboration with the IDA Indian Dental Association. Seminars are presented by Junior Residents as part of their training programme.

Seminar

Time: 1:30 p.m.–2 p.m., 1st Tuesday

Venue: Seminar Room

| <i>S.No.</i> | <i>Date</i> | <i>Topic</i> | <i>Speaker</i> |
|--------------|-------------|--|-----------------|
| 1. | 02.07.19 | Rotary endodontics | Dr Devika |
| 2. | 06.08.19 | Post and core | Dr Ajay Bharija |
| 3. | 03.09.19 | Dental emergencies | Dr Tanvir Singh |
| 4. | 01.10.19 | Dental stem-cells | Dr Karan Rai |
| 5. | 05.11.19 | Triple antibiotic paste in endodontics | Dr Anup Razdan |
| 6. | 03.12.19 | Implant supported denture | Dr Vikas Sethi |

Chairperson: Dr S.C. BHARIJA

The Department of Dermatology does not have the infrastructure for a DNB programme.

The department has three senior consultants and one junior consultant. All the programmes of the department such as Journal Clubs, Grand Medical Rounds, yearly medicine updates, etc. are carried out under the aegis of the Department of Medicine.

Advisor: Dr P.K. KHANNA

Chairperson: Dr J.P.S. SAWHNEY

Teaching Coordinator: Dr SUBHASH C. MANCHANDA

Teaching Schedule

| | |
|---|--|
| Venue | Seminar Room, 5th Floor |
| Case Presentation | 1 p.m.–2 p.m., every Thursday |
| Invasive Cath Lab/ Non-invasive Lab Data | 1 p.m.–2 p.m., every Tuesday |
| Seminar | 1 p.m.–2 p.m., every Wednesday |
| Journal Club | 1 p.m.–2 p.m., every Friday |
| Ward Round | 10:30 a.m.–11:30 a.m. (ICCU and Ward, 5th Floor) |
| Clinical Grand Round | 10 a.m.–12 noon, Tuesday |

A brief outline of the DNB training programme

The purpose of DNB training in Cardiology is to make the candidate an independent consultant in clinical cardiology and therapeutic decision-making. Basic training is also imparted in investigative techniques such as Echocardiography, Treadmill testing, Holter monitoring, exposure to Cardiac Catheterization and Interventional Cardiology, Intensive Coronary Care and Postoperative Intensive Care.

During the period of their stay of 3 years, candidates are rotated through various disciplines such as the Coronary Care Unit, Intensive Care Unit, wards (adult cardiology and paediatric cardiology), Non-invasive laboratory and Cardiac Catheterization laboratory.

Clinical and academic training includes bedside clinical case presentation and discussion, interpretation of ECGs and X-rays, regular Journal and Review Clubs. There is a Journal Club once a week, in which important articles from all leading journals of cardiology and cardiac surgery are presented by members of the department by rotation. The DNB candidate is asked to present brief reviews (20–30 minutes) every 3 weeks on selected topics, e.g. cardiac anatomy and physiology, embryology, pathology, pharmacology, arrhythmias, therapeutics, interventional cardiology, paediatric cardiology, non-invasive cardiology and hypertension.

A long review is presented (1-hour duration) every week.

Invasive Cath Lab/Non-invasive lab data

Time: 1 p.m.–2 p.m., every Tuesday

Venue: Seminar Room, 5th Floor

Seminar/Journal Club

Time: 1 p.m.–2 p.m., every Wednesday and Friday

Venue: Seminar Room, 5th Floor

| <i>Date</i> | <i>Topic</i> | <i>Speaker</i> |
|-------------|--|----------------|
| 03.07.19 | Resistant hypertension: Definition, evaluation and management | Dr Aadijaya |
| 05.07.19 | Journal Club | Dr Vyom |
| 10.07.19 | Pulmonary hypertension crisis | Dr Ayush |
| 12.07.19 | Journal Club | Dr Ashish |
| 17.07.19 | Non-pharmacological treatment of hypertension and evidence for its benefit | Dr Nitesh |
| 19.07.19 | Journal Club | Dr Aadijaya |
| 24.07.19 | BP regulation and baroreceptor, Starling's law, cardiac cycle | Dr Dipak |
| 26.07.19 | Journal Club | Dr Nitesh |
| 31.07.19 | Hypercoagulable state diagnosis and management | Dr Ashish |
| 02.08.19 | Journal Club | Dr Ayush |
| 07.08.19 | Cardiscan regarding CV risk factor in interheart study, perinatal and early childhood factor contributing to coronary artery disease | Dr Vyom |
| 09.08.19 | Journal Club | Dr Dipak |
| 14.08.19 | New biomarkers in heart failure and myocardial infarction | Dr Aadijaya |
| 16.08.19 | Journal Club | Dr Nitesh |
| 21.08.19 | Platelet reactivity testing and response variability in P2Y12 inhibitor | Dr Ayush |
| 23.08.19 | Journal Club | Dr Aadijaya |
| 28.08.19 | FFRCT technique recent role | Dr Nitesh |
| 30.08.19 | Journal Club | Dr Vyom |
| 04.09.19 | Role of embolic protection device in PCI | Dr Dipak |
| 06.09.19 | Journal Club | Dr Ashish |
| 11.09.19 | Role of carotid revascularization in CAD, carotid revascularization treatment | Dr Aadijaya |
| 13.09.19 | Journal Club | Dr Ayush |
| 18.09.19 | Discuss aetiology, evaluation and treatment of paravalvular leak | Dr Vyom |

| <i>Date</i> | <i>Topic</i> | <i>Speaker</i> |
|-------------|---|----------------|
| 20.09.19 | Journal Club | Dr Nitesh |
| 25.09.19 | Atrial septostomy: Types, indication and current status | Dr Aadijaya |
| 27.09.19 | Journal Club | Dr Ayush |
| 04.10.19 | Journal Club | Dr Vyom |
| 09.10.19 | Drug therapy in PAH, newer investigational therapies in PAH | Dr Ayush |
| 11.10.19 | Journal Club | Dr Ashish |
| 16.10.19 | Coronary sinus, embryology: Anatomy and role in intervention | Dr Nitesh |
| 18.10.19 | Journal Club | Dr Vyom |
| 23.10.19 | Test the angio views for case study for TOF | Dr Dipak |
| 25.10.19 | Journal Club | Dr Aadijaya |
| 30.10.19 | Anatomy, imaging and flow pattern of LAA: Role of LAA closure devices | Dr Ashish |
| 01.11.19 | Journal Club | Dr Dipak |
| 06.11.19 | Principles, delivery and trials of cell and gene therapy in CVD | Dr Vyom |
| 08.11.19 | Journal Club | Dr Nitesh |
| 13.11.19 | SVC and IVC: Embryology anomalies and clinical implications | Dr Aadijaya |
| 15.11.19 | Journal Club | Dr Vyom |
| 20.11.19 | Embryology, classification, assessment of single ventricle | Dr Ayush |
| 22.11.19 | Journal Club | Dr Ashish |
| 27.11.19 | Atrial Isomerism and its importance in CHD | Dr Nitesh |
| 29.11.19 | Journal Club | Dr Aadijaya |
| 04.12.19 | Criteria for fontan procedure. List postoperative complications. | Dr Dipak |
| 06.12.19 | Journal Club | Dr Ayush |
| 11.12.19 | BMV: Procedure, complications, long term outcomes | Dr Ashish |
| 13.12.19 | Journal Club | Dr Nitesh |
| 18.12.19 | HFpEF: Pathophysiology, diagnosis, management | Dr Vyom |
| 20.12.19 | Journal Club | Dr Ashish |
| 27.12.19 | Preventive cardiology guidelines review | Dr Aadijaya |

Chairperson: Dr (COL) SURENDER KUMAR

Teaching Coordinator: Dr SUDHIR TRIPATHI

Teaching Schedule

| | |
|----------------------------------|---|
| Seminar | 5 p.m.–5:45 p.m., every Monday (Venue: 6th Floor, Board Room) |
| Journal Club | 5:45 p.m.–6:15 p.m., every Monday (Venue: 6th Floor, Board Room) |
| Case Presentation | 10:30 a.m. to 12 noon., every Thursday (Venue: Endocrinology Duty Room) |
| Hormone Lab Round | 12:30 p.m, alternate Thursdays (Venue: Department of Nuclear Medicine/ IVF/ Biochemistry) |
| Recent Advances in Endocrinology | 9 a.m., 1st week on Monday (once every month) (Venue: Seminar Room/ Auditorium) |

The DNB students attend morning meetings, Journal Clubs, bedside long case discussions, histopathology round and seminars. They are also involved in endocrine clinics and in carrying out various procedures under the supervision of consultants.

Morning Meeting

The consultant and residents of the department meet in the Endocrinology duty room at 9 a.m. for half an hour every day to discuss the admissions, discharges and any death which may have occurred the previous day.

Seminar

Time: 5 p.m.–5:45 p.m., every Monday

Venue: 6th Floor, Board Room

| <i>Date</i> | <i>Topic</i> | <i>Speaker</i> | <i>Moderator</i> |
|-------------|---|----------------|--------------------|
| 01.07.19 | Thyroid nodule: Approach | Dr Rahul | Dr Sudhir Tripathi |
| 08.07.19 | Approach and management of differentiated thyroid carcinoma | Dr Vinod | Dr Sudhir Tripathi |
| 15.07.19 | Follow-up of DTC | Dr Hari | Dr S Kumar |
| 22.07.19 | Approach and management of medullary thyroid carcinoma | Dr Rahul | Dr Sudhir Tripathi |

| <i>Date</i> | <i>Topic</i> | <i>Speaker</i> | <i>Moderator</i> |
|-------------|---|----------------|--------------------|
| 29.07.19 | Radio iodine in management of thyroid disorders | Dr Vinod | Dr S. Kumar |
| 05.08.19 | Thyroid disorders in pregnancy | Dr Hari | Dr Sudhir Tripathi |
| 12.08.19 | Molecular markers in thyroid nodule | Dr Rahul | Dr S. Kumar |
| 19.08.19 | Metabolism during fasting and feeding | Dr Hari | Dr Sudhir Tripathi |
| 26.08.19 | Hypophosphatemic rickets | Dr Rahul | Dr S. Kumar |
| 02.09.19 | Glucocorticoid-induced osteoporosis | Dr Vinod | Dr Sudhir Tripathi |
| 09.09.19 | Continuous glucose monitoring system | Dr Rahul | Dr S. Kumar |
| 16.09.19 | OHA in GDM | New fellow | Dr Sudhir Tripathi |
| 23.09.19 | Hyperandrogenism | Dr Rahul | Dr S. Kumar |
| 30.09.19 | Androgen and GH abuse | Dr Vinod | Dr Sudhir Tripathi |
| 07.10.19 | Approach to short stature | Dr Vinod | Dr S. Kumar |
| 14.10.19 | CAH | New fellow | Dr Sudhir Tripathi |
| 21.10.19 | MEONs | Dr Vinod | Dr S. Kumar |
| 28.10.19 | Turner syndrome | Dr Vinod | Dr Sudhir Tripathi |
| 04.11.19 | Klinefelter syndrome | Dr Rahul | Dr S. Kumar |
| 11.11.19 | Pituitary and bone | New Fellow | Dr Sudhir Tripathi |
| 18.11.19 | Adrenal imaging | Dr Rahul | Dr S. Kumar |
| 25.11.19 | SIADH | Dr Vinod | Dr Sudhir Tripathi |
| 09.12.19 | Dermatological manifestations of endocrinopathies | New fellow | Dr S. Kumar |
| 16.12.19 | Diabetes insipidus | Dr Rahul | Dr S. Tripathi |
| 23.12.19 | Newer insulin analogue | Dr Vinod | Dr S. Kumar |
| 30.12.19 | Recent advances in obesity | Dr Vinod | Dr S. Tripathi |

Journal Club

Time: 5:45 p.m.–6:15 p.m., every Monday

Venue: 6th Floor, Board Room

Four Journals

The Journal of Clinical Endocrinology and Metabolism (JCEM)

The New England Journal of Medicine (NEJM)

The Lancet

Indian Journal of Endocrinology and Metabolism (IJEM)

Speaker

Dr Hari/ Dr Vinod/ Dr Rahul/ New Fellow (alternate weeks)

Moderator

Dr Surender Kumar/ Dr Sudhir Tripathi

Case Presentation

Time: 10:30 a.m.–12 noon., every Thursday

Venue: Endocrinology Duty Room

Speaker: Dr Hari/ Dr Vinod/ Dr Rahul/ New Fellow (alternate weeks)

Moderator: Dr Surender Kumar/ Dr Sudhir Tripathi

Hormone Lab Round

Time: 12:30 p.m, alternate Thursdays

Venue: Department of Nuclear Medicine/ IVF/ Biochemistry

This round is helpful for DNB students to review and interpret all the investigations done in the past 15 days.

Recent Advances in Endocrinology

Time: 9 a.m., 1st week on Monday (once every month)

Venue: Seminar Room/ Auditorium

Chairperson: Dr RICHA DEWAN

Teaching Coordinator: Dr ATUL GOGIA

Teaching Schedule

| | |
|--|---|
| Postgraduate Seminar | 1 p.m.–2 p.m., 2nd and 4th Monday (Venue: Seminar Room) |
| Clinical Combined Round | 11:30 a.m.–12:30 p.m., All Tuesday (Venue: Board Room) |
| Departmental Journal Club/ Faculty Lecture | 1 p.m.–2 p.m., 1st and 3rd Wednesday (Venue: Seminar room) |
| Bedside Case Presentation | 1 p.m.–2 p.m., 2nd and 4th Thursday (Venue: Wards) |
| Medicosurgical Rounds | 1 p.m.–2 p.m., 1st and 3rd Saturday (Venue: 2nd Floor, Seminar Room) |
| Medicine and Allied Journal Club | 11:30 a.m.–12:30 p.m., All Friday (Venue: Board Room) |
| Medicine and Allied Case Presentation | 1 p.m.–2 p.m., 2nd and 4th Saturday (Venue: 2nd Floor, Seminar Room) |

The goal of Family Medicine Training is that after qualifying the final examination, the candidate should be able to function as a junior consultant (specialist) in Family Medicine.

He/ she should be able to render health services to the community by providing primary healthcare to all members irrespective of age, sex, specialty and socioeconomic background. He/ she should be able to decide for appropriate referral in order to provide secondary/ tertiary health services when necessary.

He/ she should be clinically competent and should be able to take personal responsibility for rendering comprehensive and continuing care of his/her patients in their own family setting.

Postings in various units

| | |
|----------------------------------|----------|
| Medicine Unit–I | 2 months |
| Medicine Unit–II | 2 months |
| Medicine Unit–III | 2 months |
| Paediatrics | 6 months |
| Obstetrics and Gynaecology | 6 months |
| Emergency services including ICU | 3 months |

| | |
|---|----------|
| General Surgery | 3 months |
| Miscellaneous (Orthopaedics, Ophthalmology, ENT, DVD, Psychiatry) | 3 months |
| Field-based mandatory rotational posting | 9 months |

- Postgraduates are desired to submit a dissertation/ thesis on a subject pertaining to Tropical Medicine, Community Health, etc.
- They are also required to join the academic activities undertaken in each department of their posting in the log book.
- The documented activities have to be signed by the consultant of the concerned department in the log book on a day-to-day basis.

Postgraduate Seminar

Time: 1 p.m.–2 p.m., 2nd and 4th Monday

Venue: Seminar Room

| <i>Date</i> | <i>Topic</i> | <i>PG Student</i> | <i>Faculty</i> |
|-------------|---------------------------------|--------------------|-----------------|
| 08.07.19 | Vaccinations | Dr Parul Goyal | Dr Atul Kakar |
| 22.07.19 | Snake bite | Dr Akhilesh Kumar | Dr Kunal Chawla |
| 05.08.19 | Dog bite | Dr Souvik Banerjee | Dr Pooja Khosla |
| 19.08.19 | Latent TB | Dr Parul Goyal | Dr Atul Gogia |
| 02.09.19 | Brittle diabetes | Dr Souvik Banerjee | Dr Ambuj Garg |
| 16.09.19 | Non-ubercular mycobacterial Ds. | Dr Akhilesh Kumar | Dr R. Dessai |
| 14.10.19 | Acute coronary syndrome | Dr Parul Goyal | Dr Vinus Taneja |
| 28.10.19 | COPD | Dr Souvik Banerjee | Dr Sunil Jain |
| 11.11.19 | Parkinsonism | Dr Akhilesh Kumar | Dr P.K. Agarwal |
| 25.11.19 | Stroke | Dr Parul Goyal | Dr Atul Kakar |
| 09.12.19 | IBD | Dr Souvik Banerjee | Dr Ambuj Garg |
| 23.12.19 | Colorectal cancer | Dr Akhilesh Kumar | Dr R. Dessai |

Departmental Journal Club/ Faculty Lecture

Time: 1 p.m.–2 p.m., 1st and 3rd Wednesday

Venue: Seminar Room

| <i>Date</i> | <i>Topic</i> | <i>PG Student</i> |
|-------------|--|--------------------|
| 03.07.19 | Practicing well to beat diabetes | Dr Parul Goyal |
| 17.07.19 | Antibiotic resistance: When to suspect and how to manage | Dr Akhilesh Kumar |
| 07.08.19 | Hypertension: Clinical approach | Dr Souvik Banerjee |
| 21.08.19 | Secondary hypertension: When to suspect | Dr Parul Goyal |
| 04.09.19 | When a physician should suspect vasculitis | Dr Souvik Banerjee |
| 18.09.19 | Diabetes and infections: An overview | Dr Akhilesh Kumar |
| 16.10.19 | Approach to febrile neutropenia | Dr Parul Goyal |
| 30.10.19 | NSTMI | Dr Souvik Banerjee |
| 06.11.19 | Broad QRS tachycardia | Dr Akhilesh Kumar |
| 20.11.19 | Sepsis and AKI | Dr Parul Goyal |
| 04.12.19 | HCV management | Dr Souvik Banerjee |
| 18.12.19 | Lipid guidelines | Dr Akhilesh Kumar |

Bedside Case Presentation

Time: 1 p.m.–2 p.m., 2nd and 4th Thursday

Venue: Ward

| <i>Date</i> | <i>Speaker</i> | <i>Moderator</i> |
|-------------|--------------------|---------------------|
| 11.07.19 | Dr Souvik Banerjee | Dr Richa Dewan |
| 25.07.19 | Dr Parul Goyal | Dr Kunal Chawla |
| 08.08.19 | Dr Akhilesh Kumar | Dr P.K. Agarwal |
| 22.08.19 | Dr Parul Goyal | Dr Atul Gogia |
| 12.09.19 | Dr Souvik Banerjee | Dr Vinus |
| 26.09.19 | Dr Akhilesh Kumar | Dr Nakul Gupta |
| 10.10.19 | Dr Parul Goyal | Dr Rishikesh Dessai |
| 24.10.19 | Dr Souvik Banerjee | Dr Richa Dewan |
| 14.11.19 | Dr Akhilesh Kumar | Dr S.P. Byotra |
| 28.11.19 | Dr Parul Goyal | Dr Sunil Jain |
| 12.12.19 | Dr Souvik Banerjee | Dr Atul Gogia |
| 26.12.19 | Dr Akhilesh Kumar | Dr Richa Dewan |

Journal Club

Time: 1 p.m.–2 p.m., Saturday

Venue: 2nd Floor, Seminar Room

| <i>Date</i> | <i>Consultants</i> |
|-------------|---|
| 06.07.19 | Dr A.K. Basu/ Dr Amit Dhamija/ Dr Abhinav Guliani |
| 20.07.19 | Dr Shyam Agarwal |
| 03.08.19 | Critical Care Department |
| 17.08.19 | Cardiology Department |
| 07.09.19 | Dr Kamlender Singh/ Dr Bindu Dewan/ Dr Shilpa Garg |
| 21.09.19 | Dr P.K. Sethi/ Dr Ish Anand/ Dr Anuradha Batra |
| 05.10.19 | Dr Ved Prakash Chaturvedi |
| 19.10.19 | Dr A. Arora/ Dr M. Kumar/ Dr P. Ranjan/ Dr Naresh Bansal/ Dr Munish Sachdeva/ Dr Praveen Sharma/ Dr Vikas Singla/ Dr Ashish Kumar |
| 02.11.19 | Dr Sunil Jain/ Dr Kunal Chawla/ Dr Rishikesh Dessai |
| 16.11.19 | Dr I.C. Verma/ Dr Ratna Puri/ Dr Sunita Bijarnia |
| 30.11.19 | Dr Ajay Sharma/ Dr Nitin Gupta |
| 14.12.19 | Dr C.S. Aggarwal/ Dr Anshu Rohtagi/ Dr Rajiv Ranjan |
| 28.12.19 | Dr Pooja Khosla/ Dr Vinus Taneja |

Grand Medical Round

Time: 1 p.m.–2 p.m., Saturday

Venue: 2nd Floor, Seminar Room

| <i>Date</i> | <i>Consultants</i> |
|-------------|--|
| 13.07.19 | Dr Neeraj Jain/ Dr Bobby Bhalotra/ Dr Ujjwal Parikh |
| 27.07.19 | Dr S.P. Byotra/ Dr Atul Kakar/ Dr Atul Gogia/ Dr Ved Prakash/ Dr Nakul Gupta |

| <i>Date</i> | <i>Consultants</i> |
|-------------|---|
| 10.08.19 | Dr C.S. Aggarwal/ Dr Anshu Rohtagi/ Dr Rajiv Ranjan |
| 31.08.19 | Dr S.C. Bharija/ Dr Rishi Prashar/ Dr Rohit Batra |
| 14.09.19 | Dr Surender Kumar/ Dr Sudhir Tripathi |
| 28.09.19 | Dr Pooja Khosla/ Dr Vinus Taneja |
| 12.10.19 | Dr Lalit Duggal/ Dr Neeraj Jain |
| 26.10.19 | Dr Shyam Agarwal |
| 09.11.19 | Dr D.S. Rana/ Dr A.K. Bhalla/ Dr Ashwani Gupta/ Dr Manish Mallik/ Dr Anurag Gupta / Dr Vinant Bhargava/ Dr Vaibhav |
| 23.11.19 | Dr V.P. Sachar/ Dr P.K. Agarwal/ Dr Ambuj Garg |
| 07.12.19 | Dr Kamleender Singh/ Dr Bindu Dewan/ Dr Shilpa Garg |
| 21.12.19 | Dr Sanjay Manchanda |

Training requirements in various departments

Internal Medicine

- Recognition of common symptoms of diseases
- Diagnosis and management of common diseases of different systems of the human body, management of common medical emergencies in general practice, e.g. cardiovascular, respiratory, gastrointestinal, neurological, renal, metabolic, etc. and knowledge of common drugs and their adverse reactions
- Provide advice on nutritional disorders including management of malnutrition and obesity

Paediatrics

- Newborn resuscitation, hypothermia, breastfeeding, neonatal hypoxia, jaundice and intrauterine growth retardation
- Nutritional practices including malnutrition
- Growth and development monitoring
- Genetics and inborn errors of metabolism
- Common infections and immunizations
- Common paediatric illnesses, respiratory illnesses, chronic diarrhoeas, urinary tract and respiratory infections, asthma, childhood tuberculosis
- Management of acute diarrhoea and dehydration, ORS
- Fits/ seizures, child with mental handicap, development delay, cerebral palsy, adolescent care, sex education and school health programme

Surgery

- Recognition and evaluation of conditions requiring surgical diagnosis and procedures
- Management and appropriate referral of primary surgical emergencies such as shock, haemorrhage, burns, etc. Management of minor injuries and common wounds including immediate and resuscitative treatment of acute injuries
- Management of fluid and electrolyte requirements

- Specific and non-specific infections, common cysts, sinuses, fistulae, tumours, hernia, hydrocoele, diseases of the prostate, urinary bladder, kidney, vasectomy and breast, etc.

Obstetrics and Gynaecology

- Antenatal, intranatal and postnatal care, safe motherhood, identification of high-risk pregnancy
- Normal labour and puerperium
- Early diagnosis of complications of pregnancy
- Management of common problems during pregnancy
- Knowledge of common gynaecological problems including genital infections, menstrual disorders, vaginal discharge, menopause and tumours
- Awareness of minor procedures including Pap smear, endoscopy, ultrasonography, etc.
- Early therapeutic approach to common obstetrical and gynaecological emergencies
- Awareness of Family Welfare Programmes, infertility, contraception and medical termination of pregnancy, prevention of unwanted pregnancy
- Orthopaedics
- Soft tissue, bone and joint diseases and fractures, dislocations, sprains
- Neuromuscular disorders, immediate care of trauma patients with fractures and dislocations and their transportation

Ophthalmology

- Recognition of common eye diseases especially cataract, glaucoma, vitamin A deficiency, conjunctivitis, muscular degeneration, squint and diabetic retinopathy
- Diagnosis, management and referral of all emergencies including eye injuries
- Knowledge of the National Programme for the Prevention of Blindness and community ophthalmology

Dermatology

- Prevention, diagnosis and management of common dermatological conditions
- To learn the principles of dermatological therapy
- To learn the principles of rehabilitation of chronic dermatological patients

Psychiatry

- Knowledge of the principles and experience in the practice of interviewing and counselling patients and their families
- Psychosis, depression, anxiety, psychiatric emergencies
- Rational use of psychotherapeutic medications, management of alcoholism, tobacco smoking and other substance abuse

Chairperson: Dr ANIL ARORA

Teaching Coordinator: Dr ASHISH KUMAR

Teaching Schedule

| | |
|-------------------|---|
| Venue | Board Room |
| Journal Club | 12 noon–1 p.m., Tuesday and Friday |
| Seminar | 12 noon–1 p.m., alternate Tuesday |
| Case Presentation | 12 noon–1 p.m., Friday |
| IBD Meeting | 5 p.m.–6 p.m., alternate Friday |
| Tumour Board | 5 p.m.–6 p.m., Tuesday |
| CPC | 3 p.m.–4 p.m., 3rd Tuesday (Venue: Seminar Room) |

Journal Club

Time: 12 noon–1 p.m., alternate Tuesday and Friday

Venue: Board Room

| <i>Date</i> | <i>Day</i> | <i>Presenter</i> | <i>Moderator</i> |
|-------------|------------|------------------|--------------------|
| 02.07.19 | (Tues) | Dr Sagar | Dr Anil Arora |
| 05.07.19 | (Fri) | Dr Charu | Dr Ashish Kumar |
| 16.07.19 | (Tues) | Dr Ashish | Dr Praveen Sharma |
| 19.07.19 | (Fri) | Dr Manoj | Dr Vikas Singla |
| 30.07.19 | (Tues) | Dr Jatin | Dr Piyush Ranjan |
| 02.08.19 | (Fri) | Dr Sagar | Dr Munish Sachdeva |
| 13.08.19 | (Tues) | Dr Charu | Dr Anil Arora |
| 16.08.19 | (Fri) | Dr Ashish | Dr Ashish Kumar |
| 27.08.19 | (Tues) | Dr Manoj | Dr Praveen Sharma |
| 30.08.19 | (Fri) | Dr Jatin | Dr Vikas Singla |
| 10.09.19 | (Tues) | Dr Sagar | Dr Piyush Ranjan |
| 13.09.19 | (Fri) | Dr Charu | Dr Munish Sachdeva |
| 24.09.19 | (Tues) | Dr Ashish | Dr Anil Arora |
| 27.09.19 | (Fri) | Dr Manoj | Dr Ashish Kumar |
| 08.10.19 | (Tues) | Dr Sagar | Dr Praveen Sharma |
| 11.10.19 | (Fri) | Dr Charu | Dr Vikas Singla |
| 22.10.19 | (Tues) | Dr Manoj | Dr Piyush Ranjan |
| 25.10.19 | (Fri) | Dr Jatin | Dr Munish Sachdeva |
| 05.11.19 | (Tues) | New SR–1 | Dr Anil Arora |

| <i>Date</i> | <i>Day</i> | <i>Presenter</i> | <i>Moderator</i> |
|-------------|------------|------------------|--------------------|
| 08.11.19 | (Fri) | New SR-2 | Dr Ashish Kumar |
| 19.11.19 | (Tues) | New SR-3 | Dr Praveen Sharma |
| 22.11.19 | (Fri) | New SR-4 | Dr Vikas Singla |
| 03.12.19 | (Tues) | New SR-1 | Dr Piyush Ranjan |
| 06.12.19 | (Fri) | New SR-2 | Dr Munish Sachdeva |
| 17.12.19 | (Tues) | New SR-3 | Dr Anil Arora |
| 20.12.19 | (Fri) | New SR-4 | Dr Ashish Kumar |
| 31.12.19 | (Tues) | New SR-1 | Dr Praveen Sharma |

The discussion will be presented by a senior resident and moderated by a faculty member.

Seminar

Time: 12 noon-1 p.m., alternate Tuesday

Venue: Board Room

| <i>Date</i> | <i>Presenter</i> | <i>Moderator</i> |
|-------------|------------------|--------------------------|
| 09.07.19 | Dr Prateek | Dr Naresh Bansal |
| 23.07.19 | Dr Nishant | Dr Mandhir Kumar |
| 06.08.19 | Dr Prakash | Dr Shrihari A. Anikhindi |
| 20.08.19 | Dr Prateek | Dr Naresh Bansal |
| 03.09.19 | Dr Nishant | Dr Mandhir Kumar |
| 17.09.19 | Dr Prakash | Dr Shrihari A. Anikhindi |
| 01.10.19 | Dr Jatin | Dr Naresh Bansal |
| 15.10.19 | Dr Ashish | Dr Mandhir Kumar |
| 29.10.19 | Dr Sagar | Dr Shrihari A. Anikhindi |
| 12.11.19 | Dr Charu | Dr Naresh Bansal |
| 26.11.19 | Dr Ashish | Dr Mandhir Kumar |
| 10.12.19 | Dr Manoj | Dr Shrihari A. Anikhindi |
| 24.12.19 | Dr Jatin | Dr Naresh Bansal |

Case Presentation

Time: 12 noon-1 p.m., Friday

Venue: Board Room

| <i>Date</i> | <i>Presenter</i> | <i>Date</i> | <i>Presenter</i> |
|-------------|------------------|-------------|------------------|
| 12.07.19 | Dr Prakash | 06.09.19 | Dr Nishant |
| 26.07.19 | Dr Nishant | 20.09.19 | Dr Prateek |
| 09.08.19 | Dr Prateek | 04.10.19 | Dr Prakash |
| 23.08.19 | Dr Prakash | 18.10.19 | Dr Nishant |

| <i>Date</i> | <i>Presenter</i> | <i>Date</i> | <i>Presenter</i> |
|-------------|------------------|-------------|------------------|
| 01.11.19 | Dr Prateek | 13.12.19 | Dr Ashish |
| 15.11.19 | Dr Sagar | 27.12.19 | Dr Jatin |
| 29.11.19 | Dr Manoj | | |

IBD Meeting

Time: 5 p.m.–6 p.m., alternate Friday

Venue: Board Room

Research Meeting

Time: 5 p.m.–6 p.m., Friday

Venue: Board Room

Presenter: All residents || **Moderator:** Dr Anil Arora/ Dr Ashish Kumar

| <i>Date</i> | <i>Date</i> |
|-------------|-------------|
| 26.07.19 | 25.10.19 |
| 30.08.19 | 29.11.19 |
| 27.09.19 | 27.12.19 |

Tumour Board

Time: 5 p.m.–6 p.m., Tuesday

Venue: Board Room

Presenter: All residents || **Moderator:** Dr Anil Arora

| <i>Date</i> | <i>Date</i> | <i>Date</i> | <i>Date</i> |
|-------------|-------------|-------------|-------------|
| 02.07.19 | 20.08.19 | 08.10.19 | 26.11.19 |
| 09.07.19 | 27.08.19 | 15.10.19 | 03.12.19 |
| 16.07.19 | 03.09.19 | 22.10.19 | 10.12.19 |
| 23.07.19 | 10.09.19 | 29.10.19 | 17.12.19 |
| 30.07.19 | 17.09.19 | 05.11.19 | 24.12.19 |
| 06.08.19 | 24.09.19 | 12.11.19 | 31.12.19 |
| 13.08.19 | 01.10.19 | 19.11.19 | |

CPC

Time: 3 p.m.–4 p.m., 3rd Tuesday

Venue: Seminar Room

Postings

All senior residents/ DNB students will be posted in the Endoscopy Room/ ERCP and OPD by rotation.

Chairperson: Dr VIJAY ARORA

Teaching Coordinator: Dr R. SARANGI

Teaching Schedule

| | |
|------------------------------|---|
| Seminar/ Journal Club | 1:15 p.m., once in a week (Venue: Seminar Room/Auditorium) |
|------------------------------|---|

The academic programme for postgraduate students includes formal lectures, case discussions, seminars, Journal Clubs, experience in the wards and outpatient department, and in the operation theatre. Seminars/ Journal Clubs are held on a weekly basis in which a postgraduate student, assisted by a consultant, presents a surgical topic.

Requirements

Log books: Postgraduate students record all operations (assisted or performed) in their log books which are countersigned by the consultants.

Case records: The postgraduates record daily case notes as well as admission case notes in the patients' case sheets.

Attendance: A minimum attendance of 75% is mandatory.

Examinations

Board examinations: The DNB examinations in General Surgery are normally held twice a year. Our postgraduate students take the examination in August. Only one batch of students is admitted per year.

Internal examinations: Internal examinations are held twice a year. The examination is based on the format of the DNB examinations.

Duties

Postgraduate students of all years perform on-call duties which average 6 per month under the guidance of a senior resident. The duties involve attending to emergencies in the ward as well as in the casualty.

Outpatient Teaching Schedule

Postgraduate students attend outpatient clinics thrice a week along with the rest of the unit in which they are posted.

Teaching Ward Rounds

In addition to daily ward rounds, teaching ward rounds are conducted by the consultants as per the following schedule.

Operation Theatre

Postgraduate students attend the operation theatres twice a week where they assist in or perform operations under supervision.

Formal Lecture/Case Presentation

| Day | Time | Consultant |
|----------------|-----------------------|---|
| Monday | 3 p.m.–4 p.m. | Dr R. Sarangi, Dr B.B. Agarwal, Dr P. Jindal |
| Wednesday | 3 p.m.–4 p.m. | (Operative surgery, X-ray demonstration, specimen) Unit-I/ II/ III |
| Friday | 11:30 a.m.–12:30 p.m. | Clinical Combined Round—Surgical Rounds |
| | | 2nd Friday—Dr V. Arora Unit-II |
| | | 3rd Friday—Dr V.K. Malik Unit-III |
| | 3 p.m.–4 p.m. | Dr Vijay Arora, Dr V.K. Malik, Dr C.S. Ramachandran, Dr T. Mustafa |
| Once in a week | 1:15 p.m.–2 p.m. | Seminars/ Journals/ Faculty lectures |

Department for Rotational Postings

Postgraduate students rotate through the various surgical specialties as per the following schedule:

| <i>Department for Rotational Posting</i> | <i>Tentative Schedule</i> |
|--|--|
| General Surgery (Parent Unit + other two units) | 27 months (1 year 3 months parent unit and 6 months each unit) |
| Urology | 2 months |
| Paediatric Surgery | 15 days |
| Orthopaedics | 15 days |
| Neurosurgery | 15 days |
| CTVS | 15 days |
| Burns/ Plastic | 15 days |
| Surgical Gastroenterology | 2 months |
| Minimal Access Surgery | 1.5 months |
| ICU | 15 days |
| Radiology/ Pathology | 15 days |

Training programme for the superspecialty students (Plastic Surgery, Paediatric Surgery, Cardiac Surgery)

Students from these specialties while on rotation will attend the regular teaching programmes of the department.

The following subjects will be covered during their stay in the department

Inflammation, Abscess, Cellulitis, Sepsis, Shock, Haemorrhage, Wound healing, Tumours – Benign and Malignant, Systemic General Surgery – Overview (Abdominal wall, GI, Hepatobiliary – Pancreatic, Genitourinary, Thyroid, Breast, Regional lymph nodes, Upper and lower limbs).

Lectures on the following topics will be delivered by the faculty members

- Abdominal wall anatomy, its relevance in relation to abdominal wall hernia
- Septic shock: Pathophysiology and its management
- Anatomy of venous system of lower limb and management of chronic venous insufficiency
- Buerger's disease
- Lymphatic drainage of the breast. Discuss the concept of sentinel node biopsy in breast cancer
- Parotid tumours. Management of high-grade parotid tumours presenting with facial palsy

Seminar/Journal Club

Time: 1:15 p.m., once in a week

Venue: Seminar Room/ Auditorium

| <i>Date</i> | <i>Topic</i> | <i>PG</i> | <i>Moderator</i> |
|-------------|---|-----------------|----------------------|
| 02.07.19 | Describe the venous drainage of lower limb. Treatment of venous ulcer | Dr Astra | Dr R. Sarangi |
| 10.07.19 | Journal Club | Dr Deepak | Dr Vinod K. Malik |
| 17.07.19 | Indications of bariatric surgery and types of bariatric surgery | Faculty Lecture | Dr Tarun Mittal |
| 25.07.19 | Name the endocrine tumours of pancreas. Describe investigations and treatment of insulinoma | Dr Ravi | Dr Vijay Arora |
| 30.07.19 | Describe the biochemical changes produced in ileal fistula and its management | Dr Rinelle | Dr Brij B. Agarwal |
| 07.08.19 | Tumours of thoracic cage and diaphragm | Faculty Lecture | Dr Pramoj Jindal |
| 14.08.19 | Describe the management of solitary thyroid nodule | Dr Bipul | Dr C.S. Ramachandran |
| 19.08.19 | Journal Club | Dr Pardhasarthi | Dr Manish Gupta |

| <i>Date</i> | <i>Topic</i> | <i>PG</i> | <i>Moderator</i> |
|-------------|--|------------------|----------------------|
| 27.08.19 | Pressure sores. Most common site, stages and management | Dr Astra | Dr Taha Mustafa |
| 04.09.19 | Pathophysiology of sepsis and effects caused by it on various systems | Dr Deepak | Dr Srikrishna Das |
| 08.09.19 | Journal Club | Dr Ravi | Dr Ashish Dey |
| 16.09.19 | Neck node levels and various types of neck node dissection | Faculty Lecture | Dr R. Sarangi |
| 24.09.19 | Classification, diagnosis and management of choledochal cyst | Dr Rinelle | Dr Neeraj Dhamija |
| 05.10.19 | Define gas gangrene. Briefly discuss its clinical features and management | Dr Bipul | Dr Vinod K. Malik |
| 10.10.19 | What is a pilonidal sinus? Describe the aetiology and treatment options | Dr Pardhasarathi | Dr R. Sarangi |
| 16.10.19 | Risk factors, aetiology, clinical features and management of colonic anastomotic leak | Faculty Lecture | Dr Ashish Dey |
| 22.10.19 | Journal Club | Dr Astra | Dr Brij B. Agarwal |
| 30.10.19 | Enumerate causes of gynaecomastia? Give an algorithm for management of gynaecomastia | Dr Deepak | Dr C.S. Ramachandran |
| 04.11.19 | Describe anatomy of submandibular salivary gland. Discuss the management of submandibular sialadenitis | Dr Ravi | Dr Pramoj Jindal |
| 11.11.19 | Pathology, diagnosis and management of GIST | Dr Rinelle | Dr Tarun Mittal |
| 18.11.19 | Segmental anatomy of liver and various types of liver resection | Faculty Lecture | Dr Neeraj Dhamija |
| 27.11.19 | Journal Club | Dr Bipul | Dr Manish Gupta |
| 05.12.19 | Risk factors for development of deep vein thrombosis, diagnostic tests and its management | Dr Pardhasarathi | Dr Taha Mustafa |
| 10.12.19 | Scientific basis to hormones therapy in cancer. Describe its limitations and side-effects | Dr Astra | Dr Srikrishna Das |
| 18.12.19 | Describe local complications of acute pancreatitis, brief diagnosis and its management | Dr Deepak | Dr Ashish Dey |
| 24.12.19 | Causes of upper GI bleeding. Management of obscure GI bleeding | Faculty Lecture | Dr Vijay Arora |

Chairperson: Dr JYOTI KOTWAL

Academic Coordinator: Dr JASMITA

Teaching Schedule

| | |
|---------------------------------------|--|
| Venue | Residents' Reporting Room, Department of Haematology |
| Thursday Pathology Meet (Haematology) | 2:15 p.m., 3rd Thursday |

Time: 2:15 p.m.–3 p.m., Tuesday and Friday

Venue: Residents' Reporting Room, Department of Haematology

| <i>Date</i> | <i>Day</i> | <i>Topic</i> | <i>Speaker</i> | <i>Moderator</i> |
|-------------|------------|--|-------------------------------------|------------------|
| 02.07.19 | (Tues) | Test – Chronic lymphoproliferative disorders | All DNB residents | Dr Jasmita |
| 05.07.19 | (Fri) | Short topic discussion – Ph like ALL, Chronic neutrophilic leukaemia | Dr Megha Verma/ Dr Deepika Gupta | Dr Ajay Sharma |
| 09.07.19 | (Tues) | Journal Club | Dr Kartik Purohit | Dr Nitin Gupta |
| 12.07.19 | (Fri) | Topic discussion – Serum free light chain assay | All DNB residents | Dr Jyoti Kotwal |
| 16.07.19 | (Tues) | Slide seminar | All DNB residents | Dr Jasmita |
| 19.07.19 | (Fri) | Case study | All DNB residents | Dr Nitin Gupta |
| 23.07.19 | (Tues) | Seminar – Acute GVHD | Dr Kartik Purohit | Dr Nitin Gupta |
| 26.07.19 | (Fri) | Spots | All DNB residents | Dr Ajay Sharma |
| 30.07.19 | (Tues) | Seminar – Chronic GVHD | Dr Mythili | Dr Nitin Gupta |
| 02.08.19 | (Fri) | Test – Haemophilia A, B and rare bleeding disorders | All DNB residents | Dr Jasmita |
| 06.08.19 | (Tues) | Short topic discussion – genomics of JMML, Checkpoint inhibitor therapy in haematology | Dr Mythil/ Dr Kartik | Dr Jyoti Kotwal |
| 09.08.19 | (Fri) | Ward round | All DNB residents | Dr Ajay Sharma |
| 13.08.19 | (Tues) | Topic discussion – HbHPLC | All DNB residents | Dr Jasmita |
| 16.08.19 | (Fri) | Slide seminar | All DNB residents | Dr Sabina Langer |
| 20.08.19 | (Tues) | Journal Club | Dr Mythili | Dr Jyoti Kotwal |

| <i>Date</i> | <i>Day</i> | <i>Topic</i> | <i>Speaker</i> | <i>Moderator</i> |
|-------------|------------|--|----------------------------------|------------------|
| 23.08.19 | (Fri) | Seminar – Management of infectious complications post-HSCT | Dr Kartik Purohit | Dr Nitin Gupta |
| 27.08.19 | (Tues) | Exercise – PT, APTT, factor assay graph | All DNB residents | Dr Jyoti Kotwal |
| 30.08.19 | (Fri) | Seminar – Haploidentical transplants | Dr Mythili | Dr Ajay Sharma |
| 03.09.19 | (Tues) | Test – MDS.MPN | All DNB residents | Dr Jasmita |
| 06.09.19 | (Fri) | Short topic discussion – TRALI, New therapeutic modalities for haemophilia | Dr Mythili/ Dr Kartik Purohit | Dr Jyoti Kotwal |
| 10.09.19 | (Tues) | Case presentation | Dr Kartik Purohit | Dr Nitin Gupta |
| 13.09.19 | (Fri) | Exercise – OFT | All DNB residents | All consultants |
| 17.09.19 | (Tues) | Slide seminar | All DNB residents | Dr Amrita Saraf |
| 20.09.19 | (Fri) | Journal Club | Dr Deepika Verma | Dr Amrita Saraf |
| 24.09.19 | (Tues) | Seminar – Langerhans cell histiocytosis | Dr Megha | Dr Jyoti Kotwal |
| 27.09.19 | (Fri) | Spots | All DNB residents | Dr Nitin Gupta |
| 01.10.19 | (Tues) | Test – IBMFs | All DNB residents | Dr Jasmita |
| 04.10.19 | (Fri) | DRVVT and thrombophilia tests | All DNB residents | Dr Jasmita |
| 11.10.19 | (Fri) | Interpretation of flow cytometry graphs | All DNB residents | Dr Jasmita |
| 15.10.19 | (Tues) | Slide seminar | All DNB residents | Dr Jyoti Kotwal |
| 18.10.19 | (Fri) | Case presentation | Dr Mythili | Dr Ajay Sharma |
| 22.10.19 | (Tues) | Journal Club | Dr Megha Verma | Dr Jasmita |
| 25.10.19 | (Fri) | Seminar – von Willebrand disease | Dr Deepika | Dr Jyoti Kotwal |
| 01.11.19 | (Fri) | Topic discussion – MRD in B-ALL | All DNB residents | Dr Jasmita |
| 05.11.19 | (Tues) | Test – APLA, TTP, HIT | All DNB residents | Dr Jyoti Kotwal |
| 08.11.19 | (Fri) | Case presentation | Dr Megha Verma | Dr Nitin Gupta |
| 15.11.19 | (Fri) | Spots | All DNB residents | Dr Jasmita |
| 19.11.19 | (Tues) | Seminar – Approach to eosinophilia | Dr Megha Verma | Dr Sabina Langer |
| 22.11.19 | (Fri) | Slide seminar | All DNB residents | Dr Sabina Langer |
| 26.11.19 | (Tues) | Case presentation | Dr Deepika | Dr Jyoti Kotwal |
| 29.11.19 | (Fri) | Interpretation of HbHPLC graphs | All DNB residents | Dr Jasmita |

| <i>Date</i> | <i>Day</i> | <i>Topic</i> | <i>Speaker</i> | <i>Moderator</i> |
|-------------|------------|--|-------------------------|------------------|
| 03.12.19 | (Tues) | Short topic discussion – Hyperviscosity syndromes. Prognostic markers in CLL | New DNB-1/ New DNB-2 | Dr Amrita Saraf |
| 06.12.19 | (Fri) | Spots | All DNB residents | Dr Jyoti Kotwal |
| 10.12.19 | (Tues) | Test – T-cell lymphomas | All DNB residents | Dr Ajay Sharma |
| 13.12.19 | (Fri) | Case presentation | New DNB-1 | Dr Ajay Sharma |
| 17.12.19 | (Tues) | Exercise – MPO stain, Perl's stain, reticulocyte preparation | All DNB residents | Dr Sabina Langer |
| 20.12.19 | (Fri) | Slide seminar | All DNB residents | Dr Ajay Sharma |
| 24.12.19 | (Tues) | Journal Club | New DNB-2 | Dr Jyoti Kotwal |
| 27.12.19 | (Fri) | Seminar – Approach to young fit patient of myeloma | New DNB-1 | Dr Nitin Gupta |
| 31.12.19 | (Tues) | Spots | All DNB residents | Dr Ajay Sharma |

Please note: All the above-mentioned activities will be held in the residents/reporting room of the Department of Haematology.

Guest Lectures

Will be held in the Auditorium.

Thursday pathology meet (Haematology)

Will be held on 3rd Thursday of alternate months in the Auditorium at 2:15 p.m.

Head of the Department: Dr REENA KUMAR

Teaching Coordinator: Dr VARUN PRAKASH

Teaching Schedule

| | |
|--|----------------------------------|
| Administrative Morning Round | Everyday except Wednesday |
| Journal Club/ Seminars | Every Tuesday (Once fortnightly) |
| Teaching Sessions | 1–2 hours every other day |
| Hospital Administration Faculty Meeting | Once fortnightly and SOS |

The curriculum of DNB Hospital Administration aims to make the trainee knowledgeable about the basic principles of management, improve their skills in the art and science of management. It also aims to give them a comprehensive working of the elements of hospital functioning, functioning of various departments and facilities with a special understanding of the matrix of their interdependence.

Trainees are required to learn:

1. To be able to understand the various processes of hospital functioning.
2. To acquire the art the science of management.
3. To acquire skills to identify bottlenecks and problems in hospital processes and work out solutions for them.
4. To create quality, efficiency and effectiveness of tasks at various levels of functioning.
5. To identify challenges in the hospital system and propose growth and development in the wake of changing hospital scenario.
6. To be proficient in all modern management techniques and their application in day-to-day affairs of the hospital.
7. To review the literature and modern developments in healthcare with emphasis on hospital care.
8. To acquire teaching skills and data presentation and to be the source of knowledge transfer and technical skills to PG students, interns, residents and nursing students.
9. To acquire skills of resource methodology and to be able to conduct research in hospital processes and related topics.
10. To be highly competent in the field of hospital administration.
11. To be able to function independently as hospital administrator in a teaching/ non-teaching/ public or private hospital.

Trainees will

- Do ward rounds and rounds of the hospital.
- Be posted in rotation to different areas of the hospital.
- Attend administrative morning rounds conducted every day except on Wednesday.
- Attempt at least two theory assignment every month on the topics covered.
- Discuss important administrative issues, problems, opportunities for improvement and corrective measures with the faculty.

Seminar/Journal Club

Day: every Tuesday

| <i>Date</i> | <i>Speaker</i> | <i>Moderator</i> |
|-------------|----------------|--------------------|
| 09.07.19 | DNB-I | Dr Reena Kumar |
| 23.07.19 | DNB-II | Dr Suchita Katoch |
| 06.08.19 | DNB-III | Dr Suruchi Sinha |
| 20.08.19 | DNB-I | Dr Suchita Katoch |
| 10.09.19 | DNB-II | Dr Satendra Katoch |
| 24.09.19 | DNB-III | Dr Suchita Katoch |
| 01.10.19 | DNB-III | Dr Ruby Sahney |
| 15.10.19 | DNB-I | Dr Ruby Sahney |
| 29.10.19 | DNB-II | Dr Suruchi Sinha |
| 05.11.19 | DNB-III | Dr Reena Kumar |
| 19.11.19 | DNB-I | Dr Varun Prakash |
| 03.12.19 | DNB-II | Dr Varun Prakash |
| 17.12.19 | DNB-III | Dr Shalini Chawla |
| 31.12.19 | DNB-III | Dr Satendra Katoch |

Academic Schedule for DNB Hospital and Health Administration (July to December 2019)**General Management**

- Development of management concept
- Management function and tools
- Fundamentals of planning and decision making
- Organization structure and function
- Office procedure and disciplinary proceedings
- Basics of computer
- Communication
- Personnel management and human resource development
- Organizational behaviour and group dynamics

- Financial management
- Material management
- Risk management
- Industrial relations
- Hospital management information system.
- Quantitative methods of management
- Modern Management Techniques Public Private Partnership Act
- Marketing management

Healthcare and Health Administration

- Hospital Administration as a specialty
- Development of health services in India
- Medical sociology
- Health and disease
- Research methodology in health and hospital administration
- National health policy
- Epidemiology, its application and use in hospitals
- Biostatistics
- Health statistics and health information system in India
- Healthcare delivery system in India and various parts of world
- Health economics
- Population dynamics
- National health programmes
- Communication and health education
- International health

Planning and Hospital Administration

- Hospital an introduction
- Nursing administration
- System approach to hospital administration
- Human relations in hospital
- Employees welfare
- Quality in health services
- Future of hospital administration
- Hospital planning general consideration
- Planning of different types of hospital
- Project management and related case studies

Administration of Clinical and Non-clinical Services

- Clinical service areas
- Support services
- Utility services
- Legal issues in hospital administration
- Hospital hazards
- Biomedical waste management
- Disaster management in Hospitals
- Equipment management

Time: 2:00 p.m.

Venue: Board room

| <i>Date</i> | <i>Day</i> | <i>Topic</i> | <i>Speaker</i> | <i>Moderator</i> |
|-------------|------------|---|----------------|--------------------|
| 02.07.19 | (Tues) | Regionalization of healthcare | New Joinee | Dr Reena Kumar |
| 10.07.19 | (Wed) | Zero-based budgeting | Dr Tilotma | Dr Ruby Sahney |
| 17.07.19 | (Wed) | COPRA 1986 – salient features | Dr Pratyusha | Dr Suchita Katoch |
| 25.07.19 | (Thur) | Medical tourism | Dr Tilotma | Dr Satendra Katoch |
| 05.08.19 | (Mon) | Electrical safety in hospitals | New Joinee | Dr Ruby Sahney |
| 13.08.19 | (Tues) | Sentinel surveillance | Dr Pratyusha | Dr Shalini Chawla |
| 19.08.19 | (Mon) | National health policy – 2017 | Dr Tilotma | Dr Suruchi Sinha |
| 28.08.19 | (Wed) | Stores documentation, condemnation and disposal | Dr Pratyusha | Dr Varun Prakash |
| 04.09.19 | (Wed) | Evolution of modern medicine | New Joinee | Dr Shalini Chawla |
| 12.09.19 | (Thur) | Concept of health and disease | Dr Pratyusha | Dr Ruby Sahney |
| 19.09.19 | (Thur) | Introduction to understand scientific methods of research | Dr Tilotma | Dr Reena Kumar |
| 27.09.19 | (Fri) | Stores documentation, condemnation and disposal | New Joinee | Dr Satendra Katoch |
| 07.10.19 | (Mon) | Introduction to medical sociology | Dr Pratyusha | Dr Shalini Chawla |
| 15.10.19 | (Tues) | Receipt and inspection of stores | New Joinee | Dr Suruchi Sinha |
| 22.10.19 | (Tues) | Data collection techniques | Dr Tilotma | Dr Varun Prakash |
| 30.10.19 | (Wed) | Cause and effect relationship of health and disease | New Joinee | Dr Suchita Katoch |
| 07.11.19 | (Thur) | Medicine in antiquity | Dr Pratyusha | Dr Reena Kumar |
| 15.11.19 | (Fri) | Role of computer in stores management | Dr Tilotma | Dr Shalini Chawla |
| 21.11.19 | (Thur) | Inventory control | New Joinee | Dr Varun Prakash |
| 29.11.19 | (Fri) | The institutional perspectives of medical sociology | Dr Tilotma | Dr Ruby Sahney |
| 06.12.19 | (Fri) | Receipt and inspection of stores | Dr Pratyusha | Dr Satendra Katoch |

| <i>Date</i> | <i>Day</i> | <i>Topic</i> | <i>Speaker</i> | <i>Moderator</i> |
|-------------|------------|--|----------------|-------------------|
| 14.12.19 | (Sat) | Material management | Dr Tilotma | Dr Reena Kumar |
| 23.12.19 | (Mon) | Income tax laws as applicable in the hospitals | Dr Pratyusha | Dr Suchita Katoch |
| 31.12.19 | (Tues) | Hospital services pricing | New Joinee | Dr Suruchi Sinha |

Posting in various areas for 6 months (DNB-I)

| July | |
|-------------------|-----------------------------|
| 01.07.19–15.07.19 | Laundry, Linen Store |
| 16.07.18–31.07.19 | Admission Billing |
| August | |
| 01.08.19–15.08.19 | CIC |
| 16.08.19–31.08.19 | Laboratory SSRB |
| September | |
| 01.09.19–15.09.19 | OPD General and Private |
| 16.09.19–30.09.19 | Casualty Ambulance services |
| October | |
| 01.10.19–15.10.19 | ICU, HDUs |
| 16.10.19–31.10.19 | Cath Lab, Nuclear Medicine |
| November | |
| 01.11.19–15.11.19 | Radiology, Ultrasound |
| 16.11.19–30.11.19 | MRI, CT Scan, |
| December | |
| 01.12.19–15.12.19 | Nursing |
| 16.12.19–31.12.19 | Wards |

Posting in various areas for 6 months (DNB-II)

| July | |
|-------------------|--------------------|
| 01.07.19–15.07.19 | Organ Transplant |
| 16.07.19–31.07.19 | Organ Transplant |
| August | |
| 01.08.19–15.08.19 | Pharmacy |
| 16.08.19–31.08.19 | Dietary Department |

September

| | |
|-------------------|-------------------|
| 01.09.19–15.09.19 | Blood Bank |
| 16.09.19–30.09.19 | Mortuary, Laundry |

October

| | |
|-------------------|-----------------------------|
| 01.10.19–15.10.19 | Physiotherapy, Housekeeping |
| 16.10.19–30.10.19 | MRD |

November

| | |
|-------------------|---|
| 01.11.19–15.11.19 | Gastro Labs, EEG Lab, Echo Lab, ECG Section |
| 16.11.19–30.11.19 | Paediatrics, PICU, NNU |

December

| | |
|-------------------|--------------------------------------|
| 01.12.19–15.12.19 | Cardiac Centre, Cath Lab, Cardiac OT |
| 16.12.19–31.12.19 | Labour Room, IVF Mty Wards |

Posting in various areas for 6 months (DNB–III)**July**

| | |
|-------------------|------------------|
| 01.07.19–15.07.19 | OT, Gas Manifold |
| 16.07.19–31.07.19 | CSSD, Day Care |

August

| | |
|-------------------|------------------------------|
| 01.08.19–15.08.19 | Biomedical Waste, Sanitation |
| 16.08.19–31.08.19 | Mortuary, Boiler, ETP |

September

| | |
|-------------------|------------------------------------|
| 01.09.19–15.09.19 | Quality Cell |
| 16.09.19–30.09.19 | Cash, Accounts, PRO Activities, HR |

October

| | |
|-------------------|---|
| 01.10.19–15.10.19 | Parking, Security, Fire Fighting |
| 16.10.19–31.10.19 | Central store, Stationary Store, OT Store |

November

| | |
|-------------------|-----------------------------|
| 01.11.19–15.11.19 | Purchase, Receiving Section |
| 16.11.19–30.11.19 | HIS and IT |

December

| | |
|-------------------|------------------|
| 01.12.19–15.12.19 | Organ Transplant |
| 16.12.19–31.12.19 | Organ Transplant |

Director: Dr P.K. PRUTHI

NEONATOLOGY

Chairperson: Dr NEELAM KLER

Teaching Coordinator: Dr ARUN SONI

The DNB Neonatology programme has been running in the department for the past 8 years. Department has also started NNF fellowship (1 year) from the year 2012 in which two students are enrolled every year. DNB students from the Department of Paediatrics come for rotation for a period of 6 months out of their total posting of 3 years in Paediatrics. There is a morning round in which all patients are discussed in detail. Case presentation is done periodically.

DNB students from the Department of Gynaecology and Obstetrics are posted with us for a period of 2 weeks and selected topics are taught to them by the consultants of the department.

The department is also involved in the teaching programme of the nurses posted in the department. Every Thursday between 1 p.m. and 2 p.m., one of the consultants takes their class on relevant topics. These classes are also attended by the residents of the department.

Department has regular observers which are trained in the department for three months.

Teaching Schedule

The curriculum of the department aims to make the trainees independent clinicians/ consultants.

| <i>Date</i> | <i>Day</i> | <i>Topic</i> | <i>Presenter</i> | <i>Moderator</i> |
|-------------|------------|--|------------------|------------------|
| 01.07.19 | (Mon) | Enteral nutrition in pre-term newborn | Dr Shrishti | Dr Pankaj Garg |
| 03.07.19 | (Wed) | Discharge planning | Dr Richa | Dr Neelam Kler |
| 08.07.19 | (Mon) | Skin care in neonates | Dr Sachin | Dr Arun Soni |
| 10.07.19 | (Wed) | Relative risk and odds ratio | Dr Manisha | Dr Satish Saluja |
| 15.07.19 | (Mon) | Management of pain in newborn | Dr Nikhil | Dr Arun Soni |
| 17.07.19 | (Wed) | Transcutaneous bilirubinometer | Dr Sachin | Dr Anup Thakur |
| 22.07.19 | (Mon) | <i>Janani shishu surksha karyakram</i> | Dr Richa | Dr Neelam Kler |

| <i>Date</i> | <i>Day</i> | <i>Topic</i> | <i>Presenter</i> | <i>Moderator</i> |
|-------------|------------|--|------------------|------------------|
| 24.07.19 | (Wed) | Pathophysiology of neonatal shock | Dr Shrishti | Dr Manoj Modi |
| 29.07.19 | (Mon) | Journal Club | Dr Nikhil | Dr Satish Saluja |
| 31.07.19 | (Wed) | Growth failure in neonates | Dr Manisha | Dr Pankaj Garg |
| 05.08.19 | (Mon) | Journal Club | Dr Sachin | Dr Pankaj Garg |
| 07.08.19 | (Wed) | Validity of diagnostic test | Dr Manisha | Dr Satish Saluja |
| 12.08.19 | (Mon) | HOLIDAY (ID-UL-ZUHA) | | |
| 14.08.19 | (Wed) | Utility of diagnostic test | Dr Nikhil | Dr Arun Soni |
| 19.08.19 | (Mon) | Invasive BP monitoring | Dr Richa | Dr Neelam Kler |
| 21.08.19 | (Wed) | Approach to a floppy baby | Dr Sachin | Dr Manoj Modi |
| 26.08.19 | (Mon) | Approach to bleeding neonate | Dr Manisha | Dr Anup Thakur |
| 28.08.19 | (Wed) | Controversies in the management of PDA | Dr Nikhil | Dr Anup Thakur |
| 02.09.19 | (Mon) | HOLIDAY | | |
| 04.09.19 | (Wed) | Fluid management of newborn with surgical abnormality | Dr Richa | Dr Arun Soni |
| 09.09.19 | (Mon) | Antenatal assessment of foetal well being | Dr Sachin | Dr Neelam Kler |
| 11.09.19 | (Wed) | Confidence intervals and P values | Dr Manisha | Dr Manoj Modi |
| 16.09.19 | (Mon) | Journal Club | Dr Nikhil | Dr Pankaj Garg |
| 18.09.19 | (Wed) | Management of tracheoesophageal fistula | DNB-2 | Dr Satish Saluja |
| 23.09.19 | (Mon) | Hyperbilirubinemia: Pathophysiology and treatment guidelines | DNB-1 | Dr Neelam Kler |
| 25.09.19 | (Wed) | Renal tubular acidosis | Dr Manisha | Dr Anup Thakur |
| 30.09.19 | (Mon) | Developmental anomalies of brain | Dr Nikhil | Dr Anup Thakur |
| 02.10.19 | (Wed) | HOLIDAY (GANDHI JAYANTI) | | |
| 07.10.19 | (Mon) | Management of newborn with Rh isoimmunization | Dr Richa | Dr Pankaj Garg |
| 09.10.19 | (Wed) | Journal Club | Dr Manisha | Dr Neelam Kler |
| 14.10.19 | (Mon) | Management of fungal sepsis | Dr Sachin | Dr Satish Saluja |
| 16.10.19 | (Wed) | Meta-analysis and systematic review | Dr Nikhil | Dr Arun Soni |
| 21.10.19 | (Mon) | Evidence-based use of HHHFNC | DNB-1 | Dr Anup Thakur |

| <i>Date</i> | <i>Day</i> | <i>Topic</i> | <i>Presenter</i> | <i>Moderator</i> |
|-------------|------------|---|------------------|------------------|
| 23.10.19 | (Wed) | Management of newborn with neural tube defect | Dr Nikhil | Dr Manoj Modi |
| 28.10.19 | (Mon) | Management of newborn with HIV-positive mother | Dr Manisha | Dr Pankaj Garg |
| 30.10.19 | (Wed) | Developmentally supportive care | DNB-2 | Dr Arun Soni |
| 04.11.19 | (Mon) | Evidence for delivery room oxygen in term newborns | Dr Richa | Dr Pankaj Garg |
| 06.11.19 | (Wed) | Evidence-based cord clamping practices | DNB-1 | Dr Neelam Kler |
| 11.11.19 | (Mon) | Evidence for delivery room oxygen in preterm newborns | Dr Sachin | Dr Satish Saluja |
| 13.11.19 | (Wed) | Evidence-based use of delivery room CPAP | DNB-2 | Dr Arun Soni |
| 18.11.19 | (Mon) | Evidence-based delivery room thermal management in neonate | Dr Manisha | Dr Anup Thakur |
| 20.11.19 | (Wed) | Evidence-based use of pulse oximetry in newborn | DNB-1 | Dr Manoj Modi |
| 25.11.19 | (Mon) | Evidence-based delivery room management of newborn with meconium stained liquor | Dr Nikhil | Dr Manoj Modi |
| 27.11.19 | (Wed) | Evidence-based management of newborn requiring chest compressions | DNB-2 | Dr Satish Saluja |
| 02.12.19 | (Mon) | Case presentation | Dr Richa | Dr Pankaj Garg |
| 04.12.19 | (Wed) | Case presentation | Dr Sachin | Dr Neelam Kler |
| 09.12.19 | (Mon) | Case presentation | DNB-1 | Dr Satish Saluja |
| 11.12.19 | (Wed) | Case presentation | Dr Manisha | Dr Arun Soni |
| 16.12.19 | (Mon) | Case presentation | DNB-2 | Dr Anup Thakur |
| 18.12.19 | (Wed) | Case presentation | Dr Manisha | Dr Manoj Modi |
| 23.12.19 | (Mon) | Case presentation | Dr Nikhil | Dr Neelam Kler |
| 25.12.19 | (Wed) | HOLIDAY | | |
| 30.12.19 | (Mon) | Case presentation | Dr Nikhil | Dr Arun Soni |

Chairperson: Dr SATISH K. AGGARWAL

Teaching Coordinator: Dr ALPANA PRASAD

Advisor: Dr RAJEEV KULSHRESTHA

Teaching Schedule

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|---|--|
| Seminar, Case Presentation and Journal Club | 12:30–1:30 p.m., every Tuesday and 4 p.m.–5 p.m., Thursday |
| Clinical Meeting with Department of Paediatrics and Neonatology | 2 p.m.–3 p.m., every Friday |

The Department of Paediatric Surgery runs the DNB course with one candidate to be admitted every year. Postgraduates from General Surgery and Paediatrics are also required to be taught topics in Paediatric Surgery.

The department has six operating days—Monday, Tuesday, Wednesday, Thursday, Friday and Saturday. Free OPD is held on all days.

Duties

Postgraduates are on call from the Department of Paediatric Surgery every day

Requirements

Log book: Postgraduates are required to record all operations (assisted or performed) in their log book which is counter signed by consultants.

Seminar and Case Presentation

Time: 12:30 p.m.–1:30 p.m., Tuesday

4 p.m.–5 p.m., Thursday

Venue: Seminar Room/ Paediatric Surgery Office

| Date | Day | Topic | Speaker | Moderator |
|----------|---------|--|--------------|-------------------|
| 02.07.19 | (Tues) | Case presentation | Dr Chandrika | Dr Alpana Prasad |
| 04.07.19 | (Thurs) | Journal Club | Dr Muni | Dr S.K. Aggarwal |
| 09.07.19 | (Tues) | Seminar: Bladder bowel dysfunction | Dr Gaurav | Dr R. Kulshrestha |
| 11.07.19 | (Thurs) | Case presentation | Dr Garvita | Dr Alpana Prasad |
| 16.07.19 | (Tues) | Seminar: Metabolic changes in neonatal surgery | Dr Chandrika | Dr R. Kulshrestha |

| <i>Date</i> | <i>Day</i> | <i>Topic</i> | <i>Speaker</i> | <i>Moderator</i> |
|-------------|------------|---|----------------|-------------------|
| 18.07.19 | (Thurs) | Case presentation | Dr Rupa | Dr S.K. Aggarwal |
| 23.07.19 | (Tues) | Seminar: Bladder exstrophy | Dr Gaurav | Dr Alpana Prasad |
| 25.08.19 | (Thurs) | Case presentation | Dr Muni | Dr S.K. Aggarwal |
| 30.07.19 | (Tues) | Seminar: Necrotizing enterocolitis | Dr Chandrika | Dr R. Kulshrestha |
| 01.08.19 | (Thurs) | Journal Club | Dr Gaurav | Dr Alpana Prasad |
| 06.08.19 | (Tues) | Seminar: Respiratory physiology and mechanical ventilation | Dr Garvita | Dr R. Kulshrestha |
| 08.08.19 | (Thurs) | Case presentation | Dr Rupa | Dr S.K. Aggarwal |
| 13.08.19 | (Tues) | Seminar: Embryology of ENS in diagnosis of Hirschsprung disease | Dr Chandrika | Dr Alpana Prasad |
| 20.08.19 | (Tues) | Seminar: Antenatal HDN diagnostic criteria postnatal evaluation | Dr Gaurav | Dr Alpana Prasad |
| 22.08.19 | (Thurs) | Case presentation | Dr Muni | Dr S.K. Aggarwal |
| 27.08.19 | (Tues) | Seminar: Surgeries in Hirschsprung disease | Dr Gaurav | Dr R. Kulshrestha |
| 29.08.19 | (Thurs) | Case presentation | Dr Garvita | Dr Alpana Prasad |
| 03.09.19 | (Tues) | Seminar: TEF | Dr Muni | Dr R. Kulshrestha |
| 05.09.19 | (Thurs) | Case presentation | Dr Chandrika | Dr S.K. Aggarwal |
| 10.09.19 | (Tues) | Journal Club | Dr Rupa | Dr Alpana Prasad |
| 12.09.19 | (Thurs) | Case presentation | Dr Gaurav | Dr S.K. Aggarwal |
| 17.09.19 | (Tues) | Seminar: History, anatomy and classification of ARM | Dr Muni | Dr R. Kulshrestha |
| 19.09.19 | (Thurs) | Case presentation | Dr Gaurav | Dr Alpana Prasad |
| 24.09.19 | (Tues) | Seminar: Antenatal diagnosis and foetal surgery | Dr Garvita | Dr R. Kulshrestha |
| 26.09.19 | (Thurs) | Case presentation | Dr Muni | Dr Alpana Prasad |
| 01.10.19 | (Tues) | Seminar: Vascular malformation | Dr Chandrika | Dr R. Kulshrestha |
| 03.10.19 | (Thurs) | Case presentation | Dr Garvita | Dr S.K. Aggarwal |
| 10.10.19 | (Thurs) | Journal Club | Dr Rupa | Dr S.K. Aggarwal |
| 15.10.19 | (Tues) | Seminar: Management of ARM | Dr Chandrika | Dr Alpana Prasad |

| <i>Date</i> | <i>Day</i> | <i>Topic</i> | <i>Speaker</i> | <i>Moderator</i> |
|-------------|------------|--|----------------|-------------------|
| 17.10.19 | (Thurs) | HOLIDAY | | |
| 22.10.19 | (Tues) | Seminar: Hypospadias | Dr Rupa | Dr Alpana Prasad |
| 24.10.19 | (Thurs) | Case presentation | Dr Chandrika | Dr S.K. Aggarwal |
| 29.10.19 | (Tues) | HOLIDAY | | |
| 31.10.19 | (Thurs) | Case presentation | Dr Garvita | Dr Alpana Prasad |
| 05.11.19 | (Tues) | Seminar: Biliary atresia | Dr Muni | Dr R. Kulshrestha |
| 07.11.19 | (Thurs) | Case presentation | Dr Chandrika | Dr S.K. Aggarwal |
| 12.11.19 | (Tues) | HOLIDAY | | |
| 14.11.19 | (Thurs) | Case presentation | Dr Muni | Dr S.K. Aggarwal |
| 19.11.19 | (Tues) | Journal Club | Dr Rupa | Dr R. Kulshrestha |
| 21.11.19 | (Thurs) | Seminar: DSD | Dr Gaurav | Dr Alpana Prasad |
| 26.11.19 | (Tues) | Case presentation | Dr Chandrika | Dr R. Kulshrestha |
| 28.11.19 | (Thurs) | Seminar: Portal hypertension | Dr Garvita | Dr S.K. Aggarwal |
| 03.12.19 | (Tues) | Case presentation | Dr Muni | Dr Alpana Prasad |
| 05.12.19 | (Thurs) | Seminar: Malrotation | Dr Chandrika | Dr S.K. Aggarwal |
| 10.12.19 | (Tues) | Case presentation | Dr Gaurav | Dr R. Kulshrestha |
| 12.12.19 | (Thurs) | Seminar: Diagnosis and management of VUR | Dr Garvita | Dr Alpana Prasad |
| 17.12.19 | (Tues) | Case presentation | Dr Muni | Dr Alpana Prasad |
| 19.12.19 | (Thurs) | Journal Club | Dr Rupa | Dr S.K. Aggarwal |
| 24.12.19 | (Tues) | Seminar: Neuroblastoma | Dr Gaurav | Dr R. Kulshrestha |
| 26.12.19 | (Thurs) | Case presentation | Dr Chandrika | Dr S.K. Aggarwal |
| 31.12.19 | (Tues) | Seminar: Nephroblastoma | Dr Rupa | Dr Alpana Prasad |

Chairperson: Dr V.K. KHANNA

Director and Teaching Coordinator: Dr SURESH GUPTA

Teaching Schedule

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|--|--|
| Clinical Meeting | 2 p.m., every Friday (Venue: Lecture Hall, Working Women's Hostel Auditorium) |
| Journal Club | 2 p.m.–3 p.m., Friday (once a month) (Venue: Lecture Hall, Working Women's Hostel Auditorium) |
| PG Seminar | 12 noon–1 p.m., every Tuesday (Venue: Department of Paediatrics) |
| Bedside Case Discussion | Daily |
| Perinatology Meeting | 2nd Tuesday of the month |
| Grand Round | Every Saturday |
| Clinical Case Meeting of Postgraduates | 12 noon–1 p.m., every Thursday |
| Clinical Review | 4 p.m.–5 p.m., Monday, Wednesday and Saturday |

Topics allotted for lectures for this session will cover some aspects of general paediatrics, haematology, GIT, nephrology, developmental paediatrics, pulmonology, and neurology. Most of the selected topics are those which have not been discussed in the past 2–3 sessions.

Requirements

Postgraduate students maintain a log book to record the cases discussed (or presented), procedures done (or assisted), clinical meetings or lectures attended.

Attendance requirements are as per the hospital rules.

Examinations

Examinations are held every two months.

PG Seminar

Time: 12 noon–1 p.m., every Tuesday

Venue: Department of Paediatrics

| <i>Date</i> | <i>Topic</i> | <i>Consultant</i> | <i>Resident</i> |
|-------------|--|-------------------------|-----------------|
| 02.07.19 | Pancreatitis | Dr Nishant Wadhwa | Dr Ravi |
| 09.07.19 | Thyroid – pathophysiology, metabolism, hypothyroidism, hyperthyroidism, autoimmune thyroiditis | Dr A.D. Arya | Dr Mounica |
| 16.07.19 | Serum electrolytes | PICU Fellow | Dr Reshma |
| 23.07.19 | Protein energy malnutrition | Dr Dinesh Kaul | Dr Prakriti |
| 30.07.19 | Vitamin A, vitamin D, rickets | Dr Suresh Gupta | Dr Ravi |
| 06.08.19 | Hepatic failure (acute, chronic and fulminant) | Gastroenterology Fellow | Dr Mounica |
| 13.08.19 | Shock – types, pathophysiology, treatment | PICU Fellow | Dr Reshma |
| 20.08.19 | DKA (type-I diabetes) | Dr A.D. Arya | Dr Prakriti |
| 27.08.19 | Juvenile rheumatoid arthritis | Dr Sujata Sawhney | Dr Ravi |
| 03.09.19 | Portal venous system (anatomy) – portal hypertension | Gastroenterology Fellow | Dr Mounica |
| 10.09.19 | Congenital adrenal hyperplasia – pathophysiology and treatment | Endocrinology Fellow | Dr Reshma |
| 17.09.19 | Acid base imbalance | PICU Fellow | Dr Prakriti |
| 24.09.19 | Neonatal and infantile cholestasis biliary atresia | Dr Nishant Wadhwa | Dr Ravi |
| 01.10.19 | Neural tube defects hydrocephalus | Dr P.K. Singh | Dr Mounica |
| 08.10.19 | Obesity | Dr A.D. Arya | Dr Reshma |
| 15.10.19 | Malabsorption celiac disease | Gastroenterology Fellow | Dr Prakriti |
| 22.10.19 | Dehydration – types, pathophysiology, treatment | PICU Fellow | Dr Ravi |
| 29.10.19 | GERD | Dr Nishant Wadhwa | Dr Mounica |
| 05.11.19 | Precocious puberty (delayed puberty) | Endocrinology Fellow | Dr Reshma |
| 12.11.19 | Diarrhoea – types pathology and treatment | Gastroenterology Fellow | Dr Prakriti |
| 19.11.19 | Vitamin C, vitamin E, zinc, copper, magnesium, iodine, fluorine | Dr Neeraj Gupta | Dr Ravi |
| 26.11.19 | Diabetes insipidus – types, treatment and SIADH | Dr A.D. Arya | Dr Mounica |

| <i>Date</i> | <i>Topic</i> | <i>Consultant</i> | <i>Resident</i> |
|-------------|--|-------------------------|-----------------|
| 03.12.19 | Kawasaki disease | Dr Manjari Aggarwal | Dr Reshma |
| 10.12.19 | Hepatitis (A, B, C and E) | Dr Nishant Wadhwa | Dr Prakriti |
| 17.12.19 | Milk – constipation, metabolism, allergy, deficiencies | Dr Dhiren Gupta | Dr Ravi |
| 24.12.19 | Metabolic syndrome | Dr A.D. Arya | Dr Mounica |
| 31.12.19 | Tracheoesophageal fistula and oesophageal atresia | Gastroenterology Fellow | Dr Reshma |

Journal Club

Time: 2 p.m.–3 p.m., Friday (once a month)

Venue: Lecture Hall, Working Women’s Hostel Auditorium

Clinical Meeting

Time: 2 p.m., Friday

Venue: Lecture Hall, Working Women’s Hostel Auditorium

Clinical Review

Time: 4 p.m.–5 p.m., Monday, Wednesday and Saturday

Clinical Case Meeting of Postgraduates

Time: 12 noon – 1 p.m., every Thursday

Postings

Postgraduate students are posted in each unit for 3–4 months. They have to attend the OPD/ special clinic of the unit at least twice a week.

Advisor: Dr I.C. VERMA

Chairperson: Dr RATNA DUA PURI

Teaching Coordinator: Dr SUNITA BIJARNIA MAHAY

Teaching Schedule

| | |
|---|---|
| Venue | Conference Room, Centre of Medical Genetics |
| Case discussion | 9 a.m.–10 a.m. |
| NSG results | 9:15 a.m.–9:45 a.m. |
| Journal Club | 3:30 p.m.–4:30 p.m., Friday (Venue: Hall B) |
| Case Presentation/ Lab clinical meeting | 3:30 p.m.–4:30 p.m., Monday |
| Faculty Lecture | 9 a.m.–9:45 a.m., Tuesday |
| Seminar | 3:30 p.m.–4:30 p.m., Thursday |
| Tutorial | 9 a.m.–9:45 a.m., Tuesday |
| Daily Clinic | 10 a.m.–2 p.m., Monday to Saturday |

Outline

The Department has a Genetics PhD and DNB programme and has an academic programme of seminars, journal club and introductory lectures. The Department also participates in the Journal Clubs and Grand Rounds of the Departments of Paediatrics, Medicine, and Obstetrics and Gynaecology. The following activities are planned for this session. We also participate in the Clinical Combined Round, which is attended by all Residents.

Seminars

Time: 3:30 p.m.–4:30 p.m., Thursday

Venue: Hall B

Journal Club

Time: 3:30 p.m.–4:30 p.m., Friday

Venue: Hall B

Grand Round

The department presents Grand Rounds for the Departments of Medicine and Paediatrics. Dates will be announced in the programmes of the respective departments.

Academic Schedule

| <i>Date</i> | <i>Day</i> | <i>Topic</i> | <i>Presenter</i> | <i>Moderator</i> |
|-------------|------------|--|---|---------------------------------|
| 09.07.19 | (Tues) | Tutorial: Neonatal cholestasis | All | |
| 11.07.19 | (Thur) | Seminar: Structural brain defects | Dr Ranjana Mishra | Dr S. Bijarnia |
| 12.07.19 | (Fri) | Laboratory Meeting: Internal department—Molecular Genetics | Dr Renu Saxena/ Sudha Kohli and team | |
| 15.07.19 | (Mon) | NGS results: Solved and unsolved, interesting cases, OPD cases | | |
| 16.07.19 | (Tues) | Case discussion | Dr Ranjana Mishra | |
| 18.07.19 | (Thur) | Seminar: Cerebral palsy | Dr Veronica Arora | Dr I.C. Verma |
| 22.07.19 | (Mon) | NGS results: Solved and unsolved, interesting cases, OPD cases | | |
| 23.07.19 | (Tues) | Tutorial: Bleeding disorders | All | |
| 25.07.19 | (Thur) | Seminar: Approach to arthrogryposis | Dr Sameer Bhatia | Dr Ratna Puri |
| 26.07.19 | (Fri) | Journal Club: Research article, Journal scan | Dr Ranjana Mishra | |
| 29.07.19 | (Mon) | NGS results: Solved and unsolved, interesting cases, OPD cases | | |
| 30.07.19 | (Tues) | Tutorial: Cardiomyopathies | All | |
| 01.08.19 | (Thur) | Seminar: Approach to ataxia | Fellow-1 | Dr M. Lallar |
| 02.08.19 | (Fri) | Journal Club | Dr Veronica Arora | Dr Ratna Puri/ Dr Meena Lall |
| 05.08.19 | (Mon) | NGS results: Solved and unsolved, interesting cases, OPD cases | | |
| 06.08.19 | (Tues) | Tutorial: ID with dysmorphism | All | |
| 08.08.19 | (Thur) | Seminar: Approach to neuroregression | Dr Ranjana Mishra | Dr I.C. Verma |
| 09.08.19 | (Fri) | Laboratory meeting (internal): Cytogenetics | Dr Meena Lall and team | |
| 12.08.19 | (Mon) | NGS results: Solved and unsolved, interesting cases, OPD cases | | |
| 13.08.19 | (Tues) | Case discussion | All | |
| 15.08.19 | (Thur) | HOLIDAY (INDEPENDENCE DAY) | | |
| 16.08.19 | (Fri) | Seminar: Approach to DSD | Dr Veronica Arora | |
| 19.08.19 | (Mon) | NGS results: Solved and unsolved, interesting cases, OPD cases | | |
| 20.08.19 | (Tues) | Tutorial: ID with seizures | All | |
| 22.08.19 | (Thur) | Seminar: Genetics in multifactorial, polygenic diseases | Dr Sameer Bhatia | Dr Ratna Puri |
| 23.08.19 | (Fri) | Journal Club | Dr Ishpreet Bijli | |

| <i>Date</i> | <i>Day</i> | <i>Topic</i> | <i>Presenter</i> | <i>Moderator</i> |
|-------------|------------|--|----------------------------------|------------------|
| 26.08.19 | (Mon) | NGS results: Solved and unsolved, interesting cases, OPD cases | | |
| 27.08.19 | (Tues) | Faculty lecture: Diagnosis and management of child with ADHD | All | |
| 29.08.19 | (Thur) | Seminar: Autophagy | Dr Sunita Bijarnia | Dr S. Dubey |
| 30.08.19 | (Fri) | Case presentation | Fellow-1 | |
| 02.09.19 | (Mon) | NGS results: Solved and unsolved, interesting cases, OPD cases | | |
| 03.09.19 | (Tues) | Tutorial: ID X-linked | All | |
| 05.09.19 | (Thur) | Seminar: Stem cells—treatment advances | Dr Ranjana Mishra | Dr Meenal Lall |
| 06.09.19 | (Fri) | Case presentation | Dr Sameer Bhatia | Dr I.C. Verma |
| 09.09.19 | (Mon) | NGS results: Solved and unsolved, interesting cases, OPD cases | | |
| 10.09.19 | (Tues) | Case discussion | | |
| 12.09.19 | (Thur) | Seminar: Cancer genetics—tumour suppressor genes and oncogenes | Dr M. Lallar/ Dr Deepti Gupta | Dr S. Bijarnia |
| 13.09.19 | (Fri) | Laboratory meeting (Internal)—Biochemical Genetics | Dr Jyotsna Verma and team | |
| 16.09.19 | (Mon) | NGS results: Solved and unsolved, interesting cases, OPD cases | | |
| 17.09.19 | (Tues) | Tutorial: Approach to dystonia | All | |
| 19.09.19 | (Thur) | Seminar: Approach to skeletal dysplasia—overview | Fellow-1 | |
| 20.09.19 | (Fri) | Journal Club | Dr Sameer Bhatia | |
| 23.09.19 | (Mon) | NGS results: Solved and unsolved, interesting cases, OPD cases | | |
| 24.09.19 | (Tues) | Faculty lecture: Minor blood grouping and typing | Dr Kamini (Blood Bank) | |
| 26.09.19 | (Thur) | Guest lecture | | Dr Renu Saxena |
| 27.09.19 | (Fri) | Journal Club | Dr Gaurav Roy | |
| 30.09.19 | (Mon) | NGS results: Solved and unsolved, interesting cases, OPD cases | | |
| 01.10.19 | (Tues) | Tutorial: Cohesinopathies | All | |
| 03.10.19 | (Thur) | Seminar: Haemoglobinopathies | Fellow-2 | Dr S. Bijarnia |
| 04.10.19 | (Fri) | Journal Club | Dr Sudhisha Dubey | |
| 07.10.19 | (Mon) | NGS results: Solved and unsolved, interesting cases, OPD cases | | |
| 08.10.19 | (Tues) | HOLIDAY (DUSHEHRA) | | |

| <i>Date</i> | <i>Day</i> | <i>Topic</i> | <i>Presenter</i> | <i>Moderator</i> |
|-------------|------------|---|------------------------------------|---------------------------------|
| 10.10.19 | (Thur) | Seminar: IBD and genetics | Dr Veronica Arora | Dr I.C. Verma |
| 11.10.19 | (Fri) | Case presentation | Fellow-2 | |
| 14.10.19 | (Mon) | NGS results: Solved and unsolved, interesting cases, OPD cases | | |
| 15.10.19 | (Tues) | Tutorial: Ciliopathies | All | |
| 17.10.19 | (Thur) | HOLIDAY | | |
| 18.10.19 | (Fri) | Seminar: CRISPR in diagnosis and treatment | Dr Sameer Bhatia | |
| 21.10.19 | (Mon) | NGS results: Solved and unsolved, interesting cases, OPD cases | | |
| 22.10.19 | (Tues) | Case presentation | Dr Ranjana Mishra | |
| 24.10.19 | (Thur) | Seminar: Transcriptomics | Dr Ranjana Mishra | Dr S. Bijarnia |
| 25.10.19 | (Fri) | Journal Club | Dr Preeti Paliwal | Dr Ratna Puri/ Dr Meena Lall |
| 28.10.19 | (Mon) | NGS results: Solved and unsolved, interesting cases, OPD cases | | |
| 29.10.19 | (Tues) | HOLIDAY (BHAIYA DOOJ) | | |
| 31.10.19 | (Thur) | Seminar: Tumour profiling in cancers and identifying targets for drug therapy | Dr Sudha Kohli/ Dr Deepti Gupta | Dr I.C. Verma |
| 01.11.19 | (Fri) | Case presentation | Dr Sameer Bhatia | Dr I.C. Verma |
| 04.11.19 | (Mon) | NGS results: Solved and unsolved, interesting cases, OPD cases | | |
| 05.11.19 | (Tues) | Tutorial: Enzyme testing | All | Dr J. Verma |
| 07.11.19 | (Thur) | Seminar: RNA in disease and treatment | Dr Sameer Bhatia | Dr Ratna Puri |
| 08.11.19 | (Fri) | Laboratory meeting: HLA | Dr Monica Jain and team | |
| 11.11.19 | (Mon) | NGS results: Solved and unsolved, interesting cases, OPD cases | | |
| 12.11.19 | (Tues) | HOLIDAY (GURU NANK BIRTH DAY) | | |
| 14.11.19 | (Thur) | Seminar: Approach to hypoglycemia | Fellow-1 | Dr Ratna Puri |
| 15.11.19 | (Fri) | Journal Club | Dr S. Kulshreshtha | Dr Sunita |
| 18.11.19 | (Mon) | NGS results: Solved and unsolved, interesting cases, OPD cases | | |
| 19.11.19 | (Tues) | Tutorial: ACMG dysmorphology diagnosis | All | |
| 21.11.19 | (Thur) | Seminar: Next generation sequencing—techniques wet lab | Dr Sameer Bhatia | Dr Meena Lall |
| 22.11.19 | (Fri) | Case presentation | Fellow-2 | |

| <i>Date</i> | <i>Day</i> | <i>Topic</i> | <i>Presenter</i> | <i>Moderator</i> |
|-------------|------------|--|-------------------------|------------------|
| 25.11.19 | (Mon) | NGS results: Solved and unsolved, interesting cases, OPD cases | | |
| 26.11.19 | (Tues) | Tutorial: Hypo and hypercalcemia | All | |
| 28.11.19 | (Thur) | Seminar: Soft markers on antenatal scan | Fellow-2 | Dr I.C. Verma |
| 29.11.19 | (Fri) | Journal Club | Dr Divya Thomas | |
| 02.12.19 | (Mon) | NGS results: Solved and unsolved, interesting cases, OPD cases | | |
| 03.12.19 | (Tues) | Case discussion | All | |
| 05.12.19 | (Thur) | Seminar: NGS bioinformatic analysis | Dr S. Kulshreshtha | Dr S. Bijarnia |
| 06.12.19 | (Fri) | Case presentation | Fellow-1 | |
| 09.12.19 | (Mon) | NGS results: Solved and unsolved, interesting cases, OPD cases | | |
| 10.12.19 | (Tues) | Tutorial: Renal tubular acidosis | All | |
| 12.12.19 | (Thur) | Seminar: Epigenetics and genetic disorders | Dr Veronica Arora | Dr I.C. Verma |
| 13.12.19 | (Fri) | Case discussion | All | |
| 16.12.19 | (Mon) | Case presentation | Dr R. Mishra | |
| 17.12.10 | (Tues) | Tutorial: Approach to child with overgrowth | | |
| 19.12.19 | (Thur) | Round table: Ambiguous genitalia | Team from 3 Departments | |
| 20.12.19 | (Fri) | Case presentation | Dr Veronica Arora | |

The following will be the timing of this programme

- Case discussion: 9 a.m. – 10 a.m. (Conference room, Department)
 - NGS results – solved and unsolved, interesting cases, OPD cases – 9:15 a.m. to 9:45 a.m.
 - Case presentation/Lab clinical meeting and Seminar: 3:30 p.m. – 4:30 p.m. (Hall B)
 - Journal Club and Journal scan: 9:15 am – 9:45 am.
 - Please make sure that the presenter should make necessary arrangements 15 minutes prior to the time.
 - The presenter should discuss the topic with the moderator at least 10 days before the date.
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Chairperson: Dr SUDHIR KUMAR KALHAN

Vice-Chairperson: Dr VIVEK BINDAL

Teaching Coordinator: Dr SUVIRAJ JOHN

Outline

The Institute of Minimal Access, Metabolic and Bariatric Surgery is a leading centre of excellence in its field, in South-East Asia. The Institute is actively involved in innovating surgical care in its domain and disseminating its expertise through formal and informal academic activities.

The Institute conducts the following training programmes:

a. Post-Doctoral Fellowship

The post-doctoral fellowship programme (F.N.B.) in Minimal Access Surgery is conducted under the National Board of Examinations (NBE) for a period of two years. Two fellows are admitted each year through a national selection process based on academic results. The purpose of the fellowship is to train fellows in the science of advanced minimal access surgical care with a view to make them independent clinicians/ surgeons. There will be stress on the acquisition of academic knowledge and practical skills during the fellowship.

1. The fellows are expected to be proficient in relevant endoscopic surgical anatomy of the areas studied and minimal access surgical physiology (within 3 months).
2. The fellows are expected to choose a research topic of interest with the assistance of their 'guide', which will be their dissertation towards qualifying for their post-doctoral fellowship (within 3 months).
3. The fellows are expected to be proficient in the knowledge of basic and advanced minimal access (Laparoscopic and Robotic) surgical equipment (within 6 months).
4. The fellows are expected to be proficient in the theoretical and practical knowledge of basic minimal access surgical procedures (within one year).
5. The fellows are expected to be proficient in the theoretical and practical knowledge of advanced minimal access surgical procedures (within 24 months).

The fellows will witness, assist and perform Laparoscopic and Robotic surgery in a graded format. The fellows are to maintain a properly indexed log book indicating work done, academic presentations made and internal assessments. There will be a periodic assessment of clinical aptitude and academic performance. Progress during the fellowship is contingent on the fellows global performance. The fellows are required to attend all ward rounds, document clinical activity (electronic and paper), operating sessions, academic sessions, undertake active research, present and publish.

The institute conducts a regular weekly academic teaching schedule which follows the following pattern:

| | |
|----------|--|
| Tuesday | Seminar |
| Thursday | Journal Club |
| Saturday | Case presentation/ Video Operative Session |

b. One year GRIPMER fellowship in Minimal Access & Bariatric Surgery

This is an exhaustive certified one year fellowship under the aegis of GRIPMER which includes training in Laparoscopy, Robotic and Bariatric surgery. The fellow will have all the clinical duties including call days, and will be paid a stipend.

One can apply by emailing to imas.sgrh@gmail.com or contact 011-42251617 or 9999931958 for details.

c. Basic Minimal Access Surgical Course

In this course, a formal basic training course in Minimal Access Surgery is done including primer of Robotic Surgery. The duration of the course is one week.

d. Postgraduate Course

A postgraduate introductory course is specifically designed keeping in mind the basic needs of students appearing for postgraduate examinations. The duration of the course is three days, to be held from Monday to Wednesday.

e. Endohernia Course

Endoscopic hernia repair is being increasingly performed by surgeons practising minimal access surgery. In an effort to provide high-quality practical training, our Institute established a three-day intensive course focusing on latest technology and development in endohernia surgery. Advanced minimally invasive techniques including laparoscopic totally extraperitoneal hernioplasty (TEP), laparoscopic repair of ventral/incisional hernias and controversies in hernia surgery will be addressed. It will also consist of lectures on various approaches to hernia surgery and the latest advances in its development. All participants will receive a certificate of participation. There is also an option of a longer duration course (4 to 8 weeks) depending on the experience of the surgeon.

f. Bariatric Surgery Course

The course is organized keeping in mind the new treatment options available in the bariatric field and to develop treatment modalities of morbid obesity in India. It is designed to meet the educational needs for laparoscopic and bariatric surgeons. The Institute takes pride in the fact that it is the pioneer institute to

BARIATRIC SURGERY

introduce Robotic Bariatric Surgery in India and performs a high number of these procedures. The duration of the course is 2 to 4 weeks depending on the experience of the surgeon.

g. Robotic Surgery Course

Robotic Surgery is the latest platform to perform Minimal Access Surgery. IMAS is the pioneer in South East Asia to introduce robotics in the field of Bariatric Surgery. We offer training in Robotic Surgery (equipment training, case observership, didactic sessions) for interested surgeons. These are led by highly experienced and qualified trainers on da Vinci Si HD Surgical System.

h. Observership

Observership courses are available which can be tailored according to the expectations and experience of the trainee surgeon. This can range from one week to three months. The observers get to be a part of the team in the operating room, on ward rounds, OPDs and academic seminars. They are also encouraged to analyse some data and present/ publish if they join for a period of three months.

i. OT Surgical Staff Training Course

Minimal access surgery is the future. It is a highly specialized, technology-driven surgery that requires special training and exposure to sophisticated endovision equipment and hand instruments. The department is committed to provide educational opportunities to staff nurses and OT technicians to enhance their abilities, interests and knowledge in minimal access surgery. The duration of the course is two weeks.

j. Research

Laparoscopic/ Robotic/ Bariatric surgery is one of the core focus areas of the institute. The Institute can provide long-term research fellowships which can be very helpful in progression of one's research career.

Training Courses**Overview**

1. Series of discussion about basic instrumentation, their maintenance and use, surgical procedures, complications and prevention of complications.
2. Acquisition of skills for laparoscopic and robotic surgery by endotrainer and simulators so that trainees get familiar with operating under 2D videoscopic guidance and learn how to manipulate instruments without injuring structures and to appreciate operating without depth perception. This helps in developing hand-eye coordination in an unstressed environment.

3. Active involvement in the operation theatre, initially observing operations performed by proficient surgeons and then assisting them during surgery in a graduated manner.
4. Training seminars and case discussions, which include various intricacies of surgery. Appropriate clinical assessment of every case is of vital importance in any laparoscopic/ robotic surgery.
5. Video discussions, consisting of group discussions by the department on previously operated patients, unedited video recordings, critical evaluation of procedures, techniques of handling difficult and unexpected situations. The department has an exhaustive video/CD library consisting of a large collection of videos/CDs (edited/unedited) of basic and advanced laparoscopic surgical procedures recorded digitally for teaching candidates and future references.
6. Monthly audit of all the cases performed in the previous month, to check on case assessment, instrument assessment, procedural difficulties, complications as well as discuss methods to improve patient care.
7. Basic reading of general and some specific procedures from textbooks as well as selected papers from latest journals.
8. Exposure to the latest developments in the field of minimal access surgery. specialized departments in the hospital such as the Department of Gastroenterology, Department of Surgical Gastroenterology, Department of Imaging CT scan and MRI, Department of Ultrasonology, etc.

Instrumentation and allied technology for endoscopic surgery

- Cleaning, disinfection and sterilization of endoscopic equipment
- Biocompatibility of endoscopic instrumentation
- Imaging principles
 - MRI/ CT scanning
 - Ultrasound
- Optical system
 - Endoscopes
 - Video equipments
 - Rigid endoscopes
 - Flexible endoscopes
 - Semi-flexible endoscopes
 - Light sources
- Exposure of the operative field
 - Mechanical distension and gasless laparoscopy
 - Hydraulic distention
 - Gas insufflation
- Energy system (for cutting and coagulation)
- Therapeutic ultrasound
- Gallstone lithotripsy

BARIATRIC SURGERY

- Access instruments
- Hand instruments
- Suturing devices
- Ligation instruments
- Clips and clip appliers
- Endostaplers
- Organ extraction

Video technology for Minimal Access Surgery

- Da Vinci Si HD surgical system (Robot)
- HDMI, DVI, S-Video, RGB signalling for optimal intraoperative monitor image
- Composite and component signal processing
- Recording systems and television standards
- Cameras
 - Single-chip
 - Three-chip

Anaesthetic management in endoscopic surgery

Laparoscopic/ Robotic Surgery

Diagnostic: Small bowel obstruction, large bowel obstruction, intra-abdominal sepsis, perforation, haemoperitoneum, malignancy, adhesiolysis

Thoracoscopy: Diagnostic thoracoscopy, lung biopsy, mediastinal lymph node biopsy, treatment of effusion/ empyema, pneumothorax, cervical sympathectomy, lobectomy

Upper GI tract: Fundoplication, cardiomyotomy, oesophageal myotomy, anti-reflux procedures, oesophageal diverticulum excision, repair of oesophageal perforation, laparoendoscopic transgastric surgery, excision of benign polyps, excision of leiomyomas, gastric ulcer bleeding, bleeding varices, diaphragmatic hernia repair, truncal vagotomy with posterior truncal vagotomy, highly selective vagotomy, laparoscopic pyloromyotomy

Bariatric and Metabolic Surgery: Sleeve gastrectomy, Roux-en-Y gastric bypass, Revisional Bariatric procedures

Small bowel: Exploration for obstruction, exploration for perforation, resection and anastomosis for benign strictures

Large bowel: Colectomy, anterior resection, laparoscopic-assisted APR, Rectopexy, Stapled haemorrhoidectomy

Liver: Liver biopsy, benign cyst excision, abscess drainage

Biliary system: Laparoscopic cholecystectomy, laparoscopic CBD exploration, laparoscopic choledocho-duodenostomy, laparoscopic Roux-en-Y hepatico-jejunostomy, laparoscopic triple bypass for advanced pancreatico-biliary malignancy

Pancreas: Laparoendoscopic pancreatic cysto-gastrostomy, cysto-jejunostomy and necrosectomy

Solid organs: Splenectomy, adrenalectomy, nephrectomy

Hernia repair:

- Inguinal hernia repair
 - Total extraperitoneal hernia repair (TEP)
 - Transabdominal peritoneal hernia repair (TAPP)
- Ventral abdominal wall hernia repair
 - Intraperitoneal onlay mesh repair (IPOM)

Retroperitoneum: Adrenalectomy, nephrectomy, approach to the ureter, major vessels, vas deferens and undescended testes

Video-assisted vascular surgery: SEPS (Subfascial Endoscopic Perforator Surgery)

Chairperson: Dr SHYAM AGGARWAL

Teaching Schedule

| | |
|-------------------|---------------------------------------|
| Venue | Seminar Room |
| Lecture | 3 p.m.–4 p.m., 2nd Friday |
| Journal Club | 3 p.m., 1st Saturday of every month |
| Case Presentation | 11:30 a.m., 2nd Friday of every month |

The Department of Medical Oncology was started in 1997. The department is involved in the management of haematological malignancies and solid tumours. It provides cancer chemotherapy and immunotherapy. The department is also involved in conducting autologous as well as autogenic bone marrow transplants. It is also involved in teaching DNB students or various disciplines. The department participates in the Grand Medical Round and Journal Club with the Department of Medicine.

Lecture

Time: 3 p.m.–4 p.m., 2nd Friday

Venue: Seminar Room

Speaker: Dr Shyam Aggarwal

| <i>Date</i> | <i>Topic</i> |
|-------------|------------------------------|
| 12.07.19 | Immunotherapy lung cancer |
| 09.08.19 | PARP inhibitors |
| 13.09.19 | Treatment of NETs |
| 11.10.19 | Drug management of CLL |
| 08.11.19 | Targeting EGFR in NSCLC |
| 13.12.19 | Hormonal Rx of cancer breast |

Journal Club

Time: 3 p.m., 1st Saturday of every month

Venue: Seminar Room

Case Presentation

Time: 11:30 a.m., 2nd Friday of every month

Venue: Seminar Room

Chairperson: Dr S.P. BYOTRA

Teaching Coordinator: Dr P.K. AGARWAL

Teaching Schedule

| | |
|---|---|
| Postgraduate Seminar | 1 p.m.–2 p.m., 1st, 3rd and 5th Monday (Venue: Seminar Room) |
| Clinical Combined Round | 11:30 a.m.–12:30 p.m., Tuesday (Venue: Board Room) |
| Department Journal Club/ Faculty Lecture | 1 p.m.–2 p.m., 2nd and 4th Wednesday (Venue: Seminar Room) |
| Bedside Case Presentation | 1 p.m.–2 p.m., 1st and 3rd Thursday (Venue: Wards) |
| Medicine and Allied Journal Club | 1 p.m.–2 p.m., 2nd and 4th Saturday (Venue: 2nd Floor, Seminar Room) |
| Medicine and Allied Case Presentation | 1 p.m.–2 p.m., 1st and 3rd Saturday (Venue: 2nd Floor, Seminar Room) |
| Medicosurgical Rounds | 11:30 a.m.–12:30 p.m., Friday (Venue: Board Room) |
| Grand Medical Round | 1 p.m.–2 p.m., Saturday (Venue: 2nd Floor, Seminar Room) |

The postgraduate course in Medicine includes:

- Daily ward teaching in the unit in which the postgraduate is posted
- Daily discussion of cases and individual topics as per programme
- Regular presentation of cases in the wards and Grand Rounds
- Review of the literature in Journal Clubs and Seminars
- Compulsory attendance in all academic activities of the hospital
- Night duties every 3rd to 4th day, 5–6 duties per month. During these duties the postgraduate student will work under close supervision of the senior resident.

All students have to maintain log books. The documented activities have to be signed by the consultant of the concerned department in the log book on a day-to-day basis.

Postings in various units

| | |
|-------------------|----------|
| Medicine Unit-I | 6 months |
| Medicine Unit-II | 6 months |
| Medicine Unit-III | 6 months |
| Neurology | 4 months |
| Casualty and ICU | 4 months |
| Gastroenterology | 2 months |
| Nephrology | 2 months |
| Dermatology | 1 month |
| Psychiatry | 1 month |

Postgraduate Seminar

Time: 1 p.m.-2 p.m., 1st, 3rd and 5th Monday

Venue: Seminar Room

| <i>Date</i> | <i>Topic</i> | <i>PG Student</i> | <i>Faculty</i> |
|-------------|--|------------------------|------------------------|
| 01.07.19 | Utility of small molecules in medicine Use of artificial intelligence | Dr Vivek Rishi | Dr Atul Kakar |
| 15.07.19 | Preventable cancers Vaccines in connective tissue disorder | Dr Lakshmi Narayana | Dr Kunal Chawla |
| 29.07.19 | IgG4-related disorders | Dr Shiva | Dr P.K. Agarwal |
| 12.08.19 | APLA | Dr Vivek Rishi | Dr Pooja Khosla |
| 26.08.19 | HRT (Male + Female) | Dr Amit Yadav | Dr Atul Gogia |
| 09.09.19 | Osteoporosis | Dr Srishti Chopra | Dr Ambuj Garg |
| 23.09.19 | Peripheral neuropathy | Dr Lakshmi Narayana | Dr Rishikesh Dessai |
| 07.10.19 | Cytokine-related pyrexia | Dr Vivek Rishi | Dr Vinus Taneja |
| 21.10.19 | Oncological emergencies | Dr Shiva | Dr Sunil Jain |
| 04.11.19 | Eye involvement in systemic disease | Dr Srishti | Dr P.K. Agarwal |
| 18.11.19 | Biomarker in sepsis | Dr Lakshmi Narayana | Dr Atul Kakar |
| 02.12.19 | Metabolic bone disease | Dr Amit Yadav | Dr Ambuj Garg |
| 16.12.19 | Approach to metabolic syndrome and foecal gut therapy | Dr Srishti Chopra | Dr Rishikesh Dessai |
| 30.12.19 | IRIS and prophylaxis in HIV | Dr Shiva | Dr Pooja Khosla |

Department Journal Club/Faculty Lecture

Time: 1 p.m.-2 p.m., 2nd and 4th Wednesday

Venue: 2nd Floor, Seminar Room

| <i>Date</i> | <i>Topic</i> | <i>PG Student</i> |
|-------------|------------------------------------|----------------------|
| 10.07.19 | Rickettsial infection | Dr Lakshmi Narayana |
| 24.07.19 | Biomarkers | Dr Vivek Rishi |
| 14.08.19 | H1N1 infection | Dr Shiva Swaminathan |
| 28.08.19 | Asymptomatic hyperuricemia | Dr Srishti Chopra |
| 11.09.19 | Symptomatic hyperuricemia | Dr Amit Yadav |
| 25.09.19 | Neurocysticercosis | Dr Amit Ganwani |
| 09.10.19 | Diabetes in pregnancy | Dr Lakshmi Narayana |
| 23.10.19 | Thyroid disorder in pregnancy | Dr Vivek Rishi |
| 13.11.19 | Hypertension in pregnancy | Dr Shiva Swaminathan |
| 27.11.19 | Jaundice in pregnancy | Dr Srishti Chopra |
| 11.12.19 | Medical clearance prior to surgery | Dr Amit Yadav |

Bedside Case Presentation

Time: 1 p.m.–2 p.m., 2nd and 4th Thursday

Venue: 2nd Floor, Seminar Room

| <i>Date</i> | <i>Speaker</i> | <i>Moderator</i> |
|-------------|----------------------|------------------|
| 04.07.19 | Dr Jigar | Dr Atul Kakar |
| 18.07.19 | Dr Sairam | Dr Kunal Chawla |
| 01.08.19 | Dr Samarasimha | Dr S.P. Byotra |
| 29.08.19 | Dr Sairam | Dr Pooja Khosla |
| 05.09.19 | Dr Samarasimha | Dr Atul Kakar |
| 19.09.19 | Dr Jigar | Dr Richa Dewan |
| 03.10.19 | Dr Lakshmi Narayana | Dr Sunil Jain |
| 31.10.19 | Dr Shiva Swaminathan | Dr P.S. Gupta |
| 07.11.19 | Dr Vivek Rishi | Dr Atul Gogia |
| 21.11.19 | Dr Lakshmi Narayana | Dr Pooja Khosla |
| 05.12.19 | Dr Shiva Swaminathan | Dr P.K. Agarwal |
| 19.12.19 | Dr Vivek Rishi | Dr Ambuj Garg |

Journal Club

Time: 1 p.m.–2 p.m., Saturday

Venue: 2nd Floor, Seminar Room

| <i>Date</i> | <i>Consultants</i> |
|-------------|---|
| 06.07.19 | Dr A.K. Basu/ Dr Amit Dhamija/ Dr Abhinav Guliani |
| 20.07.19 | Dr Shyam Agarwal |
| 03.08.19 | Critical Care Department |

| <i>Date</i> | <i>Consultants</i> |
|-------------|---|
| 17.08.19 | Cardiology Department |
| 07.09.19 | Dr Kamlender Singh/ Dr Bindu Dewan/ Dr Shilpa Garg |
| 21.09.19 | Dr P.K. Sethi/ Dr Ish Anand/ Dr Anuradha Batra |
| 05.10.19 | Dr Ved Prakash Chaturvedi |
| 19.10.19 | Dr A. Arora/ Dr M. Kumar/ Dr P. Ranjan/ Dr Naresh Bansal/ Dr Munish Sachdeva/ Dr Praveen Sharma/ Dr Vikas Singla/ Dr Ashish Kumar |
| 02.11.19 | Dr Sunil Jain/ Dr Kunal Chawla/ Dr Rishikesh Dessai |
| 16.11.19 | Dr I.C. Verma/ Dr Ratna Puri/ Dr Sunita Bijarnia |
| 30.11.19 | Dr Ajay Sharma/ Dr Nitin Gupta |
| 14.12.19 | Dr C.S. Aggarwal/ Dr Anshu Rohtagi/ Dr Rajiv Ranjan |
| 28.12.19 | Dr Pooja Khosla/ Dr Vinus Taneja |

Grand Medical Round

Time: 1 p.m.–2 p.m., Saturday

Venue: 2nd Floor, Seminar Room

| <i>Date</i> | <i>Consultants</i> |
|-------------|--|
| 13.07.19 | Dr Neeraj Jain/ Dr Bobby Bhalotra/ Dr Ujjwal Parikh |
| 27.07.19 | Dr S.P. Byotra/ Dr Atul Kakar/ Dr Atul Gogia/ Dr Ved Prakash/ Dr Nakul Gupta |
| 10.08.19 | Dr C.S. Aggarwal/ Dr Anshu Rohtagi/ Dr Rajiv Ranjan |
| 31.08.19 | Dr S.C. Bharija/ Dr Rishi Prashar/ Dr Rohit Batra |
| 14.09.19 | Dr Surender Kumar / Dr Sudhir Tripathi |
| 28.09.19 | Dr Pooja Khosla/ Dr Vinus Taneja |
| 12.10.19 | Dr Lalit Duggal/ Dr Neeraj Jain |
| 26.10.19 | Dr Shyam Agarwal |
| 09.11.19 | Dr D.S. Rana/ Dr A.K. Bhalla/ Dr Ashwani Gupta/ Dr Manish Mallik/ Dr Anurag Gupta/ Dr Vinant Bhargava/ Dr Vaibhav |
| 23.11.19 | Dr V.P. Sachar/ Dr P.K. Agarwal/ Dr Ambuj Garg |
| 07.12.19 | Dr Kamlender Singh/ Dr Bindu Dewan/ Dr Shilpa Garg |
| 21.12.19 | Dr Sanjay Manchanda |

Chairperson: Dr D.S. RANA

Teaching Coordinator: Dr ASHWANI GUPTA

Teaching Schedule

| | |
|-----------------------|--|
| Morning Meeting | 9 a.m., everyday |
| Journal Club | 9:30 a.m.–10:30 a.m., every Wednesday (Venue: Seminar Room, Room No. 1244) |
| Grand Round | 10:30 a.m.–12:30 p.m., Monday/ Thursday |
| Long Case Discussion | 9:30 a.m., every Monday (Venue: Seminar Room, Room No. 1244) |
| Histopathology | 8:30 a.m., every Tuesday (Venue: Department of Pathology) |
| Nephroradiology Round | 2 p.m.–3 p.m., alternate Thursday (Venue: Department of Radiology) |
| Seminar | 9:30 a.m.–10:30 a.m., every Friday (Venue: Seminar Room, Room No. 1244) |
| Ward Round | 9 a.m.–12 noon, daily (Venue: SWB, 4th Floor; KTU, RU General Ward and Dialysis Unit (for all consultants)) |

The DNB students attend morning meetings, Journal Clubs, bedside long case discussions, seminars, histopathology and nephroradiology rounds. They are also involved in Transplant Clinics and in carrying out various procedures (kidney biopsy, IJ catheter, femoral catheter, perm cath and AV fistula) under the supervision of consultants. They attend OTs and observe donor, nephrectomy and kidney transplant.

Examinations

Examinations are held according to the DNB time-table.

Morning Meeting

The consultants and residents of the department meet in the Seminar Room (Room No. 1244) at 9 a.m. for half an hour everyday to discuss the admissions, discharges and any death which may have occurred the previous day.

Journal Club

Time: 9:30 a.m.–10:30 a.m., every Wednesday

Venue: Seminar Room, Room No. 1244

Grand Round

Time: 10:30 a.m.–12:30 a.m., Monday/ Thursday

Long Case Discussion

Time: 9:30 a.m., every Monday

Venue: Seminar Room, Room No. 1244

Histopathology

Time: 8:30 a.m., every Tuesday

Venue: Department of Pathology

This round is held to review all the biopsies done in the past one week and teach DNB students the interpretation of kidney biopsy.

Nephroradiology Round

Time: 2 p.m.–3 p.m., alternate Thursday

Venue: Department of Radiology

Paediatrics

DNB residents are posted for a month in paediatrics and where they are exposed to renal diseases in paediatric population.

HLA Labs and Nuclear Medicine

Rotatory posting in 1st and 3rd year.

Seminar

Time: 9:30 a.m.–10:30 a.m., every Friday

Venue: Seminar Room, Room No. 1244

| <i>Date</i> | <i>Topic</i> | <i>Presenter</i> |
|-------------|--|------------------|
| 05.07.19 | Transplant immunobiology | Dr Abhishek |
| 12.07.19 | Induction agents in renal transplantation | Dr Aditi |
| 19.07.19 | Immunosuppressive drugs in renal transplant (maintenance) | Dr Chetna |
| 26.07.19 | Donor and recipient evaluation before renal transplant | Dr Jitendra |
| 02.08.19 | The science of deceased donor | Dr Dharmesh |
| 09.08.19 | Cross matching/ HLA typing/ and HLA desensitization protocol | Dr Abhishek |

| <i>Date</i> | <i>Topic</i> | <i>Presenter</i> |
|-------------|--|------------------|
| 16.08.19 | Urolithiasis—causes/ metabolic workup/ Tx | Dr Aditi |
| 23.08.19 | Inherited disorders of renal tubule | Dr Chetna |
| 30.08.19 | Contrast-induced nephropathy | Dr Jitendra |
| 06.09.19 | Treatment of lupus nephritis (incl. drug-resistant LN) | Dr Dharmesh |
| 13.09.19 | Renal artery stenosis | Dr Abhishek |
| 20.09.19 | Biomarkers in AKI and CKD | Dr Aditi |
| 27.09.19 | Renal-assisted device/ wearable artificial kidney | Dr Chetna |
| 04.10.19 | Water metabolism | Dr Jitendra |
| 11.10.19 | GFR—definition/ autoregulation/ measurement | Dr Dharmesh |
| 18.10.19 | Renal tubular acidosis | Dr Abhishek |
| 25.10.19 | Acid–base disorder (other than RTA) | Dr Aditi |
| 01.11.19 | Urine analysis | Dr Chetna |
| 08.11.19 | Kidney biopsy | Dr Jitendra |
| 15.11.19 | Approach to proteinuria | Dr Dharmesh |
| 22.11.19 | Renal handling of potassium/ disorders | Dr Abhishek |
| 29.11.19 | CKD definition/ epidemiology/ risk factors | Dr Aditi |
| 06.12.19 | Diuretics | Dr Chetna |
| 13.12.19 | Anaemia in CKD | Dr Jitendra |
| 20.12.19 | Dermatological manifestation of kidney disease | Dr Dharmesh |
| 27.12.19 | CKD MBD | Dr Abhishek |

Ward Round

Time: 9 a.m.–12 noon, daily

Venue: SWB, 4th Floor (for all consultants)

Major Postings

- Ward Posting
- Operation Theatre (AV Fistula/ Renal Transplant/ Donor Nephrectomy)
- Dialysis–Haemodialysis, IJ Catheter/ CAPD
- Paediatrics
- Transplant Clinic
- ICU
- Genetics Laboratory (HLA typing, Luminax)
- Nuclear Medicine Laboratory
- All residents attend general OPDs on Wednesdays and Saturdays

National and International Conferences

DNB candidates are sent to attend national and international conferences by rotation at least once a year.

Chairperson: Dr C.S. AGRAWAL

Teaching Coordinator: Dr ANSHU ROHATGI

Teaching Schedule

| | |
|---|---|
| Venue | Seminar Room |
| Seminar/ Case Presentation/ Journal Club | 3:30 p.m.–4:30 p.m., Tuesday and Thursday |
| Ward Round | 12 noon–1 p.m., Tuesday and Friday (Neurology Ward, 4th Floor) |

Brief Outline

The curriculum of the department aims to make the trainees independent clinicians/ consultants. The objectives of the training are that trainees should:

- be acquainted with the current literature on relevant aspects of basic, investigative and clinical neurosciences.
- have acquired performance skills and the ability to interpret relevant clinical investigations.
- be able to diagnose, plan investigations and treat common conditions in the specialty by relevant current therapeutic methods.
- be acquainted with allied and general clinical disciplines to ensure appropriate and timely referral.
- be acquainted with relevant education delivery systems.
- be able to identify, frame and carry out research proposals in their specialty.
- be aware of their limitations.

Emphasis will be ‘on-the-job’ training rather than didactic lectures. Training imparted will be in the form of departmental seminars, Journal Clubs, combined neurology and neurosurgical conferences, bedside case discussions, and practical training in clinical neurophysiology techniques and neuroradiological procedures. Neuroanatomy, neurophysiology and relevant clinical aspects will also be taught in the form of departmental seminars.

In the first 6 months, trainees are expected to know neuroanatomy, neurophysiology, clinical localization and basics of EEG, EMG, nerve conduction/ evoked response studies and Doppler studies. By the end of the first year they are expected to know about various disease processes, their pathophysiology, pharmacology, neurochemistry and EEG/EMG changes.

The second year is spent reviewing the important literature published in old and new journals and analysing it critically.

Neurobiochemistry and Neuroimmunology

Didactic lectures will be held by trained professionals to familiarize the trainees with the elements and techniques of neurochemistry and neuroimmunology.

Neuropathology

Trainees will get ample opportunity to perform muscle and nerve biopsies, and also to study them with the pathologist. For the brain cutting session, they will attend neuropathology sessions every Friday in AIIMS under a trained neuropathologist. They will be rotated to the Department of Neuropathology either in PGI, Chandigarh or AIIMS to familiarize them with the techniques of grossing, staining procedures, autopsy methods and tissue processing, including frozen sections.

Neurophysiology

Trainees are required to learn the techniques of application of EEG/ EMG and evoked response machines under the guidance of technical assistants and consultants. They are also expected to learn the interpretation of nerve conduction studies, EMG, evoked response and ultrasound during their first year of training, interpretation of EEG records, to report under the guidance of senior colleagues and consultants in the first year, and independently in the second year of training.

Requirements

To be eligible for the final examinations, candidates are required to have:

- a properly indexed log book indicating the work done, rotations and internal assessments.
- one paper, a review of available clinical material and a laboratory-oriented project written in the form of an article for Neurology (India).

Evaluation

Teachers concerned with the training of candidates both inside and outside the parent department evaluate them independently. A standardized marking system is followed and the result is entered in a log book. The Course Director averages these independent evaluations and enters the final evaluation.

Teaching Schedule

| | |
|--|-------------------|
| Departmental seminar | Once a week |
| Combined conference with neurosurgeons | Once in two weeks |
| Journal Club (Neurology) | Once in two weeks |
| Neuroradiology conference | Once a week |

| | |
|--|--------------|
| Conference with the Department of Psychiatry | Once a month |
| Interdepartmental conference | Once a month |
| Neuro-otology case conference | Once a month |
| Neuro-ophthalmology | Once a month |

Academic Programme

Time: 3:30 p.m.–4:30 p.m., Tuesday and Thursday

Venue: Seminar Room

| <i>Date</i> | <i>Day</i> | <i>Topic</i> | <i>Presenter</i> | <i>Moderator</i> |
|-------------|------------|---|------------------|-------------------|
| 02.07.19 | (Tues) | Seminar: Prion disease | Dr Neha Pandita | Dr Anuradha Batra |
| 04.07.19 | (Thur) | Case presentation | Dr Rajeshwari R. | Dr C.S. Agrawal |
| 09.07.19 | (Tues) | Journal Club | Dr Dhrumil Shah | Dr Ish Anand |
| 11.07.19 | (Thur) | Seminar: Parkinson plus syndrome | Dr Rahul Sharma | Dr Anshu Rohatgi |
| 16.07.19 | (Tues) | Case presentation | Dr Neha Pandita | Dr Rajeev Ranjan |
| 18.07.19 | (Thur) | Journal Club | Dr Rajeshwari R. | Dr Anuradha Batra |
| 23.07.19 | (Tues) | Seminar: Neurosarcoidosis | Dr Dhrumil Shah | Dr C.S. Agrawal |
| 25.07.19 | (Thur) | Case presentation | Dr Rahul Sharma | Dr Ish Anand |
| 30.07.19 | (Tues) | Journal Club | Dr Neha Pandita | Dr Anshu Rohatgi |
| 01.08.19 | (Thur) | Seminar: Rapidly progressive dementia | Dr Rajeshwari R. | Dr Rajeev Ranjan |
| 06.08.19 | (Tues) | Case presentation | Dr Dhrumil Shah | Dr Anuradha Batra |
| 08.08.19 | (Thur) | Journal Club | Dr Rahul Sharma | Dr C.S. Agrawal |
| 13.08.19 | (Tues) | Seminar: Critical illness neuropathy and myopathy | Dr Neha Pandita | Dr Ish Anand |
| 15.08.19 | (Thur) | Case presentation | Dr Rajeshwari R. | Dr Anshu Rohatgi |
| 20.08.19 | (Tues) | Journal Club | Dr Dhrumil Shah | Dr Rajeev Ranjan |
| 22.08.19 | (Thur) | Seminar: Approach to a patient with gait disorder | Dr Rahul Sharma | Dr Anuradha Batra |
| 27.08.19 | (Tues) | Case presentation | Dr Neha Pandita | Dr C.S. Agrawal |
| 29.08.19 | (Thur) | Journal Club | Dr Rajeshwari R. | Dr Ish Anand |
| 03.09.19 | (Tues) | Seminar: Normal pressure hydrocephalus | Dr Dhrumil Shah | Dr Anshu Rohatgi |
| 05.09.19 | (Thur) | Case presentation | Dr Rahul Sharma | Dr Rajeev Ranjan |
| 10.09.19 | (Tues) | Journal Club | Dr Neha Pandita | Dr Anuradha Batra |

| <i>Date</i> | <i>Day</i> | <i>Topic</i> | <i>Presenter</i> | <i>Moderator</i> |
|-------------|------------|--|------------------|-------------------|
| 12.09.19 | (Thur) | Seminar: Neuro Urology | Dr Rajeshwari R. | Dr C.S. Agrawal |
| 17.09.19 | (Tues) | Case presentation | Dr Dhrumil Shah | Dr Ish Anand |
| 19.09.19 | (Thur) | Journal Club | Dr Rahul Sharma | Dr Anshu Rohatgi |
| 24.09.19 | (Tues) | Seminar: Approach to peripheral neuropathy | Dr Neha Pandita | Dr Rajeev Ranjan |
| 26.09.19 | (Thur) | Case presentation | Dr Rajeshwari R. | Dr Anuradha Batra |
| 01.10.19 | (Tues) | Journal Club | Dr Dhrumil Shah | Dr C.S. Agrawal |
| 03.10.19 | (Thur) | Seminar: Trigeminal autonomic cephalgia | Dr Rahul Sharma | Dr Ish Anand |
| 08.10.19 | (Tues) | Case presentation | Dr Neha Pandita | Dr Anshu Rohatgi |
| 10.10.19 | (Thur) | Journal Club | Dr Rajeshwari R. | Dr Rajeev Ranjan |
| 15.10.19 | (Tues) | Seminar: Chronic inflammatory demyelinating polyneuropathy | Dr Dhrumil Shah | Dr Anuradha Batra |
| 17.10.19 | (Thur) | Case presentation | Dr Rahul Sharma | Dr C.S. Agrawal |
| 22.10.19 | (Tues) | Journal Club | Dr Neha Pandita | Dr Ish Anand |
| 24.10.19 | (Thur) | Seminar: Charcot Marie tooth disease | Dr Rajeshwari R. | Dr Anshu Rohatgi |
| 29.10.19 | (Tues) | Case presentation | Dr Dhrumil Shah | Dr Rajeev Ranjan |
| 31.10.19 | (Thur) | Journal Club | Dr Rahul Sharma | Dr Anuradha Batra |
| 05.11.19 | (Tues) | Seminar: NMO spectrum disorder | Dr Neha Pandita | Dr C.S. Agrawal |
| 07.11.19 | (Thur) | Case presentation | Dr Rajeshwari R. | Dr Ish Anand |
| 12.11.19 | (Tues) | Journal Club | Dr Dhrumil Shah | Dr Anshu Rohatgi |
| 14.11.19 | (Thur) | Seminar: Hereditary parkinsonism | Dr Rahul Sharma | Dr Rajeev Ranjan |
| 19.11.19 | (Tues) | Case presentation | Dr Neha Pandita | Dr Anuradha Batra |
| 21.11.19 | (Thur) | Journal Club | Dr Rajeshwari R. | Dr C.S. Agrawal |
| 26.11.19 | (Tues) | Seminar: Vertigo | Dr Dhrumil Shah | Dr Ish Anand |
| 28.11.19 | (Thur) | Case presentation | Dr Rahul Sharma | Dr Anshu Rohatgi |
| 03.12.19 | (Tues) | Journal Club | Dr Neha Pandita | Dr Rajeev Ranjan |
| 05.12.19 | (Thur) | Seminar: Delirium | Dr Rajeshwari R. | Dr Anuradha Batra |
| 10.12.19 | (Tues) | Case presentation | Dr Dhrumil Shah | Dr C.S. Agrawal |
| 12.12.19 | (Thur) | Journal Club | Dr Rahul Sharma | Dr Ish Anand |

| <i>Date</i> | <i>Day</i> | <i>Topic</i> | <i>Presenter</i> | <i>Moderator</i> |
|-------------|------------|--|------------------|-------------------|
| 17.12.19 | (Tues) | Seminar: Management of malignant infarcts | Dr Neha Pandita | Dr Anshu Rohatgi |
| 19.12.19 | (Thur) | Case presentation | Dr Rajeshwari R. | Dr Rajeev Ranjan |
| 24.12.19 | (Tues) | Journal Club | Dr Dhrumil Shah | Dr Anuradha Batra |
| 26.12.19 | (Thur) | Seminar: Approach to polyradiculo-neuropathy | Dr Rahul Sharma | Dr C.S. Agrawal |
| 31.12.19 | (Tues) | Case presentation | Dr Neha Pandita | Dr Ish Anand |

Ward Round

Time: 12 noon–1 p.m., Tuesday and Friday

Venue: Neurology Ward, 4th Floor

Postings

The DNB students would be rotated in the following departments.

| <i>Department</i> | <i>Duration</i> |
|--|-----------------|
| Neurology | 1 year 6 months |
| Neuropathology | 4 weeks |
| Visit to other institutions | 6 weeks |
| Elective (any field of candidate's choice) | 6 weeks |
| Electrophysiology laboratory | 3 months |

During posting in the Department of Neurology, the candidate will be required to undertake ward work, consultations, EEG/ EMG/ evoked potential studies, neuroradiology investigations and outpatient clinics.

Chairperson: Dr SATNAM SINGH CHHABRA

Teaching Coordinator: Dr SAMIR KALRA

Teaching Schedule

| Venue | Seminar Room |
|---|--|
| Seminar/ Case presentation/ Journal Club | 3:30 p.m.–4:30 p.m., Wednesday and Saturday |
| Ward Round | 12 noon–1 p.m., Wednesday and Saturday (Neurosurgery Ward, 4th Floor) |

Neuroradiology

Training will be imparted through study of clinical cases, participation in techniques as well as clinical radiology conferences.

Neurosurgery

Neurosurgery trainees will be posted/rotated to the Department of Neurology for eight weeks to learn about the aspects of neurology. In addition, there will be a programme with combined neurology/neurosurgery conferences throughout the year.

Neuroanaesthesiology

There will be a few didactic lectures common to postgraduates of the Departments of Neurology and Neurosurgery. The major thrust of these lectures will be on the diagnosis of neurosurgical diseases, their management, life-support systems and monitoring of patients.

Academic Programme

Time: 3:30 p.m.–4:30 p.m., Wednesday and Saturday

Venue: Seminar Room

| Date | Day | Topic | Speaker | Moderator |
|----------|-------|---|------------|----------------------|
| 03.07.19 | (Wed) | Micro-surgical anatomy of foramen magnum | Dr Medha | Dr Ajit K. Sinha |
| 06.07.19 | (Sat) | Case presentation | Dr Krishna | Dr Satnam S. Chhabra |
| 10.07.19 | (Wed) | Case presentation | Dr Anurag | Dr Ajay Bhutani |
| 13.07.19 | (Sat) | Pathogenesis and management of growing skull fracture | Dr Tanmay | Dr Rajesh Acharya |

| <i>Date</i> | <i>Day</i> | <i>Topic</i> | <i>Speaker</i> | <i>Moderator</i> |
|-------------|------------|---|----------------|----------------------|
| 17.07.19 | (Wed) | Brachial plexus anatomy and current guidance for management of brachial plexus injuries | Dr Sneyhil | Dr Ashish Goyal |
| 20.07.19 | (Sat) | Journal Club | Dr Krishna | Dr Samir Kalra |
| 24.07.19 | (Wed) | Microsurgery anatomy of cavernous sinus | New Resident | Dr Richa Singh |
| 27.07.19 | (Sat) | Embryology/ pathogenesis/ management of ACM | Dr Medha | Dr Anshul Gupta |
| 31.07.19 | (Wed) | Case presentation | Dr Krishna | Dr Sandeep Chopra |
| 03.08.19 | (Sat) | Case presentation | Dr Anurag | Dr Satnam S. Chhabra |
| 07.08.19 | (Wed) | Pathology, presentation and management of colloid cyst | Dr Tanmay | Dr Ajit K. Sinha |
| 10.08.19 | (Sat) | Neuroendoscopy in modern neurosurgical practice | Dr Sneyhil | Dr Rajesh Acharya |
| 14.08.19 | (Wed) | Current trends in management of epilepsy | New Resident | Dr Ajay Bhutani |
| 17.08.19 | (Sat) | Arterial supply of brain and spinal cord—describe circle of Willis | Dr Medha | Dr Samir Kalra |
| 21.08.19 | (Wed) | Case presentation | Dr Krishna | Dr Ashish Goyal |
| 24.08.19 | (Sat) | Case presentation | Dr Anurag | Dr Anshul Gupta |
| 28.08.19 | (Wed) | Phakomatoses | Dr Tanmay | Dr Richa Singh |
| 31.08.19 | (Sat) | Cervico medullary tumours—approaches and clinical management | Dr Sneyhil | Dr Satnam S. Chhabra |
| 04.09.19 | (Wed) | Anatomy + assessment of lower cranial nerves | New Resident | Dr Sandeep Chopra |
| 07.09.19 | (Sat) | Embryology of split cord malformation | Dr Medha | Dr Rajesh Acharya |
| 11.09.19 | (Wed) | Case presentation | Dr Krishna | Dr Ajit K. Sinha |
| 14.09.19 | (Sat) | Radiology | Dr Anurag | Dr Samir Kalra |
| 18.09.19 | (Wed) | Carotico-cavernous fistula—clinical/ diagnosis/ management | Dr Tanmay | Dr Ajay Bhutani |
| 21.09.19 | (Sat) | Modern instruments in neurosurgery | Dr Sneyhil | Dr Anshul Gupta |
| 25.09.19 | (Wed) | Tethered cord syndrome | Dr Medha | Dr Ashish Goyal |

| <i>Date</i> | <i>Day</i> | <i>Topic</i> | <i>Speaker</i> | <i>Moderator</i> |
|-------------|------------|--|----------------|----------------------|
| 28.09.19 | (Sat) | Anatomy and clinical assessment of II, III, IV, VI, nerve | New Resident | Dr Satnam S. Chhabra |
| 02.10.19 | (Wed) | HOLIDAY (MAHATMA GANDHI JAYANTI) | | |
| 05.10.19 | (Sat) | Case presentation | Dr Anurag | Dr Rajesh Acharya |
| 09.10.19 | (Wed) | Benign intracranial hypertension | Dr Tanmay | Dr Sandeep Chopra |
| 12.10.19 | (Sat) | Intraoperative functional localization | Dr Sneyhil | Dr Samir Kalra |
| 16.10.19 | (Wed) | Microsurgical anatomy of tentorial hiatus | New Resident | Dr Ajit K. Sinha |
| 19.10.19 | (Sat) | Craniosynostosis: Embryology, pathogenesis and management | Dr Medha | Dr Anshul Gupta |
| 23.10.19 | (Wed) | Failed back syndrome | Dr Krishna | Dr Ajay Bhutani |
| 26.10.19 | (Sat) | Current strategies for cerebral protection during surgery | Dr Anurag | Dr H.N. Agarwal |
| 30.10.19 | (Wed) | Current trends in management of spine tumours | Dr Tanmay | Dr Ashish Goyal |
| 02.11.19 | (Sat) | Newer Modalities in MRI—neuro-imaging | Dr Sneyhil | Dr Satnam S. Chhabra |
| 06.11.19 | (Wed) | ICP—pathophysiology and current trends in management of raised ICP | New Resident | Dr Richa Singh |
| 09.11.19 | (Sat) | Spinal vascular malformations | Dr Medha | Dr Rajesh Acharya |
| 13.11.19 | (Wed) | Anatomy of deep venous system and vein of Galen malformation | Dr Krishna | Dr Sandeep Chopra |
| 16.11.19 | (Sat) | Decompressive craniectomy controversies in indications and timing | Dr Anurag | Dr Samir Kalra |
| 20.11.19 | (Wed) | Orthotics in neurosurgery | Dr Tanmay | Dr V.S. Madan |
| 23.11.19 | (Sat) | History of neurosurgery | Dr Sneyhil | Dr Anshul Gupta |
| 27.11.19 | (Wed) | Brainstem anatomy | New Resident | Dr Ajit K. Sinha |
| 30.11.19 | (Sat) | Management of traumatic CV junction fractures | Dr Medha | Dr H.N. Agarwal |

| <i>Date</i> | <i>Day</i> | <i>Topic</i> | <i>Speaker</i> | <i>Moderator</i> |
|-------------|------------|--|----------------|----------------------|
| 04.12.19 | (Wed) | Current trends in management of PIVD | Dr Krishna | Dr V.S. Madan |
| 07.12.19 | (Sat) | Surgical approaches to Sella, embryology, classification and management of craniopharyngioma | Dr Anurag | Dr Satnam S. Chhabra |
| 11.12.19 | (Wed) | Management of cerebral vasospasm | Dr Tanmay | Dr Ajay Bhutani |
| 14.12.19 | (Sat) | Case presentation | Dr Sneyhil | Dr Rajesh Acharya |
| 18.12.19 | (Wed) | Cauda equina syndrome: Pathology, clinical features/ diagnosis/ management | New Resident | Dr Ashish Goyal |
| 21.12.19 | (Sat) | CSF diversion techniques/ current trends | Dr Medha | Dr Samir Kalra |
| 25.12.19 | (Wed) | HOLIDAY (CHRISTMAS) | | |
| 28.12.19 | (Sat) | Functional neurosurgery— current trends | Dr Anurag | Dr Anshul Gupta |

Ward Round

Time: 12 noon–1 p.m., Wednesday and Saturday

Venue: Neurosurgery Ward, 4th Floor

Postings

The DNB students would be rotated in the following departments.

| <i>Department</i> | <i>Duration</i> |
|--|-----------------|
| Neurology | 8 weeks |
| Visit to other institutions | 6 weeks |
| Elective (any field of candidate's choice) | 6 weeks |
| Electrophysiology laboratory | 3 months |

During posting in the Department of Neurology, the candidate will be required to undertake ward work, consultations, EEG/ EMG/ evoked potential studies, neuroradiology investigations and outpatient clinics.

Chairperson: Dr HARSH MAHAJAN

Teaching Coordinator: Dr DHARMENDER MALIK

Teaching Schedule

| | |
|--------------------------------------|---|
| Case Reporting | 4 p.m.–5 p.m., all working days (Venue: Gamma Camera Room) |
| Journal Club | 3 p.m.–4 p.m. every Saturday (Venue: Nuclear Medicine Department) |
| Seminar | 3 p.m.–4 p.m., every Monday (Venue: Consultants Room – Nuclear Medicine) |
| Tutorial/ Case Review and Discussion | 3 p.m.–4 p.m., 1st and 3rd Thursdays of all months (Venue: Gamma Camera Room/ Consultants room, Nuclear Medicine Department) |

The Department of Nuclear Medicine conducts the DNB course. A teaching schedule is outlined below to impart proper training to the DNB students.

Training programme

Case Reporting

Time: 4 p.m.–5 p.m., all working days

Venue: Gamma Camera Room

Coordinator: Dr Ethel S. Belho

All the students and consultants assemble in the Gamma Camera Room. The cases of the day are reviewed, discussed and disposed of for final reporting.

Journal Club

Time: 3 p.m.–4 p.m. every Saturday

Venue: Nuclear Medicine Department

Coordinator: Dr Dharmender Malik

| <i>Date</i> | <i>Topic</i> | <i>Speaker</i> | <i>Moderator</i> |
|-------------|--------------|----------------|---------------------|
| 06.07.19 | Journal Club | Dr Babita | Dr Ritu Verma |
| 13.07.19 | Journal Club | Dr Ram Kumar | Dr Dharmender Malik |
| 20.07.19 | Journal Club | Dr Babita | Dr Ethel S. Belho |
| 27.07.19 | Journal Club | Dr Ram Kumar | Dr Nikhil Seniyare |

| <i>Date</i> | <i>Topic</i> | <i>Speaker</i> | <i>Moderator</i> |
|-------------|--------------|----------------|---------------------|
| 03.08.19 | Journal Club | Dr Babita | Dr Vanshika Gupta |
| 10.08.19 | Journal Club | Dr Ram Kumar | Dr Nitin Gupta |
| 17.08.19 | Journal Club | Dr Babita | Dr Ethel S. Belho |
| 24.08.19 | Journal Club | Dr Ram Kumar | Dr Ritu Verma |
| 31.08.19 | Journal Club | Dr Babita | Dr Dharmender Malik |
| 07.09.19 | Journal Club | Dr Ram Kumar | Dr Ethel S. Belho |
| 14.09.19 | Journal Club | Dr Babita | Dr Vanshika Gupta |
| 21.09.19 | Journal Club | Dr Ram Kumar | Dr Nitin Gupta |
| 28.09.19 | Journal Club | Dr Babita | Dr Nikhil Seniyare |
| 05.10.19 | Journal Club | Dr Ram Kumar | Dr Ritu Verma |
| 12.10.19 | Journal Club | Dr Babita | Dr Ethel S. Belho |
| 19.10.19 | Journal Club | Dr Ram Kumar | Dr Dharmender Malik |
| 26.10.19 | Journal Club | Dr Babita | Dr Vanshika Gupta |
| 02.11.19 | Journal Club | Dr Ram Kumar | Dr Nikhil Seniyare |
| 09.11.19 | Journal Club | Dr Babita | Dr Nitin Gupta |
| 16.11.19 | Journal Club | Dr Ram Kumar | Dr Ritu Verma |
| 23.11.19 | Journal Club | Dr Babita | Dr Dharmender Malik |
| 30.11.19 | Journal Club | Dr Ram Kumar | Dr Ethel S. Belho |
| 07.12.19 | Journal Club | Dr Babita | Dr Nikhil Seniyare |
| 14.12.19 | Journal Club | Dr Ram Kumar | Dr Nitin Gupta |
| 21.12.19 | Journal Club | Dr Babita | Dr Ritu Verma |
| 28.12.19 | Journal Club | Dr Ram Kumar | Dr Dharmender Malik |

Seminar

Time: 3 p.m.–4 p.m., every Monday

Venue: Consultants Room (Nuclear Medicine)

Moderator: Dr Ritu Verma

| <i>Date</i> | <i>Topic</i> | <i>Speaker</i> |
|-------------|---|----------------|
| 01.07.19 | EANM Guidelines in Renal Nuclear Medicine-II | Dr Ritu Verma |
| 08.07.19 | ATA Guidelines in differential thyroid cancer | Dr Ram Kumar |
| 15.07.19 | Mechanism of radiopharmaceutical localization | Dr Babita |
| 22.07.19 | Renal radiopharmaceuticals | Dr Vanshika |
| 29.07.19 | Renal scintigraphy and its reporting | Dr Nitin |

| <i>Date</i> | <i>Topic</i> | <i>Speaker</i> |
|-------------|---|---------------------|
| 05.08.19 | Renal transplant evaluation | Dr Nikhil |
| 12.08.19 | Renovascular hypertension | Dr Dharmender Malik |
| 19.08.19 | Iodinated radiopharmaceuticals | Dr Ethel S. Belho |
| 26.08.19 | MIRD | Dr Babita |
| 02.09.19 | Bone scan in sports injuries | Dr Ritu Verma |
| 09.09.19 | AHA guidelines for MPI in CAD | Dr Nikhil |
| 16.09.19 | Scintillation detectors | Dr Ram Kumar |
| 23.09.19 | Lu labelled radiopharmaceuticals | Dr Nikhil Seniyare |
| 30.09.19 | Therapeutic radio nuclides | Dr Dharmender Malik |
| 07.10.19 | Recent advances in radiopharmacy | Dr Babita |
| 14.10.19 | GMP in radiopharmaceuticals | Dr Vanshika |
| 21.10.19 | EANM Guidelines in Renal Nuclear Medicine-I | Dr Ram Kumar |
| 28.10.19 | Utility of PET/MR in skeletal malignancies | Dr Ritu Verma |
| 04.11.19 | Tc labelled radiopharmaceuticals | Dr Ethel S. Belho |
| 11.11.19 | QC of radiopharmaceuticals | Dr Nikhil |
| 18.11.19 | Biological effects of radiation | Dr Vanshika |
| 25.11.19 | PET in infections | Dr Nitin |
| 02.12.19 | Radiation protection | Dr Ram Kumar |
| 09.12.19 | Bone scan in malignancy | Dr Dharmender Malik |

Tutorial/Case Review and Discussion

Time: 3 p.m.–4 p.m., 1st and 3rd Thursdays of all months

Venue: Gamma Camera Room/ Consultants room, Nuclear Medicine Department

Coordinator: Dr Ethel S. Belho

Interesting cases of the fortnight are presented and discussed in detail.

Written Test

15th of every month on topics covered in the previous month.

Advisor: Dr S.K. BHANDARI

Chairperson: Dr INDRANI GANGULI

Co-Chairperson: Dr KANWAL GUJRAL

Teaching Coordinator: Dr HARSHA KHULLAR

Brief Outline

The DNB programme is a 3-year course after internship. Students get training in clinical work; they learn to present cases, participate in Journal Clubs and prepare seminars. They do research and write a dissertation. They work as junior residents and do emergency duties twice a week. Students who have already passed the DGO are trained for one year and are given the work of third year junior residents. They rotate in different departments for two weeks. They perform various minor and major operations in which seniors assist them.

Requirement

It is mandatory for the students to maintain a log book.

Examination

Terminal examinations are held every three months. The dates for the external examinations will be set by the National Board of Examinations.

Monthly schedule

1st Week

Tuesday – Dr B.G. Kotwani

Saturday – Dr P. Chadha

Wednesday – Unit-I

Thursday – Seminar

2nd Week

Tuesday – Dr B.G. Kotwani

Saturday – Dr P. Chadha

Saturday – Unit-II

Thursday – Seminar

3rd Week

Tuesday – Dr B.G. Kotwani

Saturday – Dr P. Chadha

Wednesday – Unit-III

Thursday – Seminar

4th Week

Tuesday – Dr B.G. Kotwani

Saturday – Dr P. Chadha

Monday – Unit-IV/V (alternate)

Thursday – Journal Club

Monthly examination on 4th Saturday of every month

| <i>Date</i> | <i>Day</i> | <i>Time</i> | <i>Topic</i> | <i>Speaker</i> |
|-------------|------------|-------------|---|----------------------------|
| July | | | | Moderator: Unit-III |
| 01.07.19 | (Mon) | | | |
| 02.07.19 | (Tues) | 8-9 a.m. | Bedside teaching | Dr B.G. Kotwani |
| 03.07.19 | (Wed) | 8-9 a.m. | Case presentation | Unit-I |
| 04.07.19 | (Thur) | 11:30 a.m. | Seminar: Physiology of labour | Dr Harshad |
| 05.07.19 | (Fri) | | | |
| 06.07.19 | (Sat) | 12 noon | Bedside teaching | Dr P. Chadha |
| 07.07.19 | (Sun) | | | |
| 08.07.19 | (Mon) | | | |
| 09.07.19 | (Tues) | 8-9 a.m. | Bedside teaching | Dr B.G. Kotwani |
| | | 1:30 p.m. | Paediatrics meeting | |
| 10.07.19 | (Wed) | | | |
| 11.07.19 | (Thur) | 11:30 a.m. | Seminar: PET | Dr Nelofar |
| 12.07.19 | (Fri) | | | |
| 13.07.19 | (Sat) | 8-9 a.m. | Case presentation | Unit-II |
| | | 12 noon | Bedside teaching | Dr P. Chadha |
| 14.07.19 | (Sun) | | | |
| 15.07.19 | (Mon) | | | |
| 16.07.19 | (Tues) | 8-9 a.m. | Bedside teaching | Dr B.G. Kotwani |
| 17.07.19 | (Wed) | 8-9 a.m. | Case presentation | Unit-III |
| 18.07.19 | (Thur) | 11:30 a.m. | Seminar: NST interpretation and case scenario | Dr Rekha |
| 19.07.19 | (Fri) | | | |
| 20.07.19 | (Sat) | 12 noon | Bedside teaching | Dr P. Chadha |
| 21.07.19 | (Sun) | | | |
| 22.07.19 | (Mon) | 8-9 a.m. | | Unit-IV-A |
| 23.07.19 | (Tues) | 8-9 a.m. | Bedside teaching | Dr B.G. Kotwani |
| 24.07.19 | (Wed) | | | |
| 25.07.19 | (Thur) | 11:30 a.m. | Seminar: Induction of labour protocol | Dr Aman |
| 26.07.19 | (Fri) | | | |
| 27.07.19 | (Sat) | 12 noon | Bedside teaching | Dr P. Chadha |
| 28.07.19 | (Sun) | | | |
| 29.07.19 | (Mon) | | | Unit-V-A |
| 30.07.19 | (Tues) | 8-9 a.m. | Bedside teaching | Dr B.G. Kotwani |
| 31.07.19 | (Wed) | 8-9 a.m. | Case presentation | Unit-I |

| August | Moderator: Unit-IV |
|----------------------------|--|
| 01.08.19 (Thur) 11:30 a.m. | Seminar: Male infertility Dr Shweta |
| 02.08.19 (Fri) | |
| 03.08.19 (Sat) 12 noon | Bedside teaching Dr P. Chadha |
| 04.08.19 (Sun) | |
| 05.08.19 (Mon) | |
| 06.08.19 (Tues) 8-9 a.m. | Bedside teaching Dr B.G. Kotwani |
| 07.08.19 (Wed) | |
| 08.08.19 (Thur) 11:30 a.m. | Seminar: Workup of an infertile couple Dr Puja |
| 09.08.19 (Fri) | |
| 10.08.19 (Sat) 8-9 a.m. | PCOD Unit-II |
| 11.08.19 (Sun) | |
| 12.08.19 (Mon) | |
| 13.08.19 (Tues) 8-9 a.m. | Bedside teaching Dr B.G. Kotwani |
| 14.08.19 (Wed) 8-9 a.m. | Paediatrics meeting Unit-III |
| 15.08.19 (Thur) 11:30 a.m. | HOLIDAY (INDEPENDENCE DAY) |
| 16.08.19 (Fri) | |
| 17.08.19 (Sat) 12 noon | Bedside teaching Dr P. Chadha |
| 18.08.19 (Sun) | |
| 19.08.19 (Mon) | Unit-IV-B |
| 20.08.19 (Tues) 8-9 a.m. | Bedside teaching Dr B.G. Kotwani |
| 21.08.19 (Wed) 8-9 a.m. | |
| 22.08.19 (Thur) 11:30 a.m. | Seminar: Ovulation induction protocols Dr Nisha |
| 23.08.19 (Fri) | |
| 24.08.19 (Sat) 12 noon | HOLIDAY (JANAMASTHAMI) |
| 25.08.19 (Sun) | |
| 26.08.19 (Mon) 8-9 a.m. | Unit-V-A |
| 27.08.19 (Tues) 8-9 a.m. | Bedside teaching Dr B.G. Kotwani |
| 28.08.19 (Wed) 12 noon | Bedside teaching Dr P. Chadha |
| 29.08.19 (Thur) 11:30 a.m. | Seminar: Primary amenorrhea Dr Dejee |
| 30.08.19 (Fri) | |
| 31.08.19 (Sat) 12 noon | Bedside teaching Dr P. Chadha |

September

Moderator: Unit-I

| | | | |
|----------|--------|------------|-----------------------------------|
| 01.09.19 | (Sun) | | |
| 02.09.19 | (Mon) | | |
| 03.09.19 | (Tues) | 8–9 a.m. | Bedside teaching |
| 04.09.19 | (Wed) | 8–9 a.m. | Case presentation |
| 05.09.19 | (Thur) | 11:30 a.m. | Seminar: Screening for Cx cancer |
| 06.09.19 | (Fri) | | |
| 07.09.19 | (Sat) | 12 noon | Bedside teaching |
| 08.09.19 | (Sun) | | |
| 09.09.19 | (Mon) | | |
| 10.09.19 | (Tues) | 8–9 a.m. | Bedside teaching |
| | | 1:30 p.m. | Paediatrics meeting |
| 11.09.19 | (Wed) | | |
| 12.09.19 | (Thur) | 11:30 a.m. | Seminar: Post-menopausal bleeding |
| 13.09.19 | (Fri) | | |
| 14.09.19 | (Sat) | 8–9 a.m. | Case presentation |
| | | 12 noon | Bedside teaching |
| 15.09.19 | (Sun) | | |
| 16.09.19 | (Mon) | | |
| 17.09.19 | (Tues) | | |
| 18.09.19 | (Wed) | 8–9 a.m. | Case presentation |
| 19.09.19 | (Thur) | 11:30 a.m. | Seminar: Borderline tumour |
| 20.09.19 | (Fri) | | |
| 21.09.19 | (Sat) | 12 noon | Bedside teaching |
| 22.09.19 | (Sun) | | |
| 23.09.19 | (Mon) | 8–9 a.m. | Case presentation |
| 24.09.19 | (Tues) | 8–9 a.m. | Bedside teaching |
| 25.09.19 | (Wed) | | |
| 26.09.19 | (Thur) | 11:30 a.m. | Seminar: GCT |
| 27.09.19 | (Fri) | | |
| 28.09.19 | (Sat) | 12 noon | Bedside teaching |
| 29.09.19 | (Sun) | | |
| 30.09.19 | (Mon) | | |

| October | | Moderator: Unit-II | |
|----------------|-------------------|---|-----------------|
| 01.10.19 | (Tues) | | |
| 02.10.19 | (Wed) | HOLIDAY (GANDHI JAYANTI) | |
| 03.10.19 | (Thur) 8-9 a.m. | Seminar: Epithelial ovarian cancer | Dr Dejee |
| 04.10.19 | (Fri) 11:30 a.m. | | |
| 05.10.19 | (Sat) 12 noon | Bedside teaching | Dr P. Chadha |
| 06.10.19 | (Sun) | | |
| 07.10.19 | (Mon) | | |
| 08.10.19 | (Tues) | HOLIDAY (DUSSEHRA) Paediatrics meeting | |
| 09.10.19 | (Wed) | | |
| 10.10.19 | (Thur) 11:30 a.m. | Seminar: Germ cell tumour of ovary | Dr Harshad |
| 11.10.19 | (Fri) | | |
| 12.10.19 | (Sat) 8-9 a.m. | Physiology of micturition, urinary incontinence | Unit-II |
| | 12 noon | Bedside teaching | Dr P. Chadha |
| 13.10.19 | (Sun) | | |
| 14.10.19 | (Mon) | | |
| 15.10.19 | (Tues) 8-9 a.m. | Bedside teaching | Dr B.G. Kotwani |
| 16.10.19 | (Wed) | Case presentation | Unit-III |
| 17.10.19 | (Thur) 11:30 a.m. | HOLIDAY (KARVA CHAOUTH) | |
| 18.10.19 | (Fri) | | |
| 19.10.19 | (Sat) 12 noon | Bedside teaching | Dr P. Chadha |
| 20.10.19 | (Sun) | | |
| 21.10.19 | (Mon) 8-9 a.m. | | Unit-IV -A |
| 22.10.19 | (Tues) 8-9 a.m. | Bedside teaching | Dr B.G. Kotwani |
| 23.10.19 | (Wed) | | |
| 24.10.19 | (Thur) 11:30 a.m. | Seminar: Ca vulva | Dr Rekha |
| 25.10.19 | (Fri) | | |
| 26.10.19 | (Sat) 12 noon | Bedside teaching | Dr P. Chadha |
| 27.10.19 | (Sun) | HOLIDAY (DIWALI) | |
| 28.10.19 | (Mon) | | Unit-IV-B |
| 29.10.19 | (Tues) 8-9 a.m. | HOLIDAY (BHAI DHUJ) | Dr B.G. Kotwani |
| 30.10.19 | (Wed) | | |
| 31.10.19 | (Thur) 11:30 a.m. | Seminar: Vault prolapse | Dr Shweta |

November

Moderator: Unit-III

| | | | | |
|----------|--------|------------|----------------------------------|-----------------|
| 01.11.19 | (Fri) | | | |
| 02.11.19 | (Sat) | 12 noon | Bedside teaching | Dr P. Chadha |
| 03.11.19 | (Sun) | | | |
| 04.11.19 | (Mon) | | | |
| 05.11.19 | (Tues) | 8-9 a.m. | Bedside teaching | Dr B.G. Kotwani |
| 06.11.19 | (Wed) | 8-9 a.m. | Bedside teaching | Unit-I |
| 07.11.19 | (Thur) | 11:30 a.m. | Seminar: IUGR | Dr Nisha |
| 08.11.19 | (Fri) | | | |
| 09.11.19 | (Sat) | 12 noon | Bedside teaching | Dr P. Chadha |
| 10.11.19 | (Sun) | | | |
| 11.11.19 | (Mon) | | | |
| 12.11.19 | (Tues) | 8-9 a.m. | HOLIDAY (GURUNANAK BIRTH DAY) | Dr B.G. Kotwani |
| | | 11:30 a.m. | Paediatrics meeting | |
| 13.11.19 | (Wed) | | | |
| 14.11.19 | (Thur) | 11:30 a.m. | Seminar: PTL and PROM | Dr Puja |
| 15.11.19 | (Fri) | | | |
| 16.11.19 | (Sat) | 8-9 a.m. | Case presentation | Unit-II |
| | | 12 noon | Bedside teaching | Dr P. Chadha |
| 17.11.19 | (Sun) | | | |
| 18.11.19 | (Mon) | | | |
| 19.11.19 | (Tues) | 8-9 a.m. | Bedside teaching | Dr B.G. Kotwani |
| 20.11.19 | (Wed) | 8-9 a.m. | Case presentation | Unit-III |
| 21.11.19 | (Thur) | 11:30 a.m. | Seminar: Antepartum surveillance | Dr Harshad |
| 22.11.19 | (Fri) | | | |
| 23.11.19 | (Sat) | 12 noon | Bedside teaching | Dr P. Chadha |
| 24.11.19 | (Sun) | | | |
| 25.11.19 | (Mon) | 8-9 a.m. | | Unit-IV-B |
| 26.11.19 | (Tues) | 8-9 a.m. | Bedside teaching | Dr B.G. Kotwani |
| 27.11.19 | (Wed) | | | |
| 28.11.19 | (Thur) | 11:30 a.m. | Seminar: APH | Dr Nelofar |
| 29.11.19 | (Fri) | | | |
| 30.11.19 | (Sat) | 12 noon | Bedside teaching | Dr P. Chadha |

December

Moderator: Unit-IV

| | | | | |
|----------|--------|----------|------------------|-----------------|
| 01.12.19 | (Sun) | | | |
| 02.12.19 | (Mon) | | | |
| 03.12.19 | (Tues) | 8-9 a.m. | Bedside teaching | Dr B.G. Kotwani |

| | | | | |
|----------|--------|------------|---|-----------------|
| 04.12.19 | (Wed) | 8–9 a.m. | Case presentation | Unit–I |
| 05.12.19 | (Thur) | 11:30 a.m. | Seminar: IVF protocols | Dr Aman |
| 06.12.19 | (Fri) | | | |
| 07.12.19 | (Sat) | 12 noon | Bedside teaching | Dr P. Chadha |
| 08.12.19 | (Sun) | | | |
| 09.12.19 | (Mon) | | | |
| 10.12.19 | (Tues) | 8–9 a.m. | Bedside teaching | Dr B.G. Kotwani |
| | | 1:30 p.m. | Paediatrics meeting | |
| 11.12.19 | (Wed) | | | |
| 12.12.19 | (Thur) | 11:30 a.m. | Seminar: Introduction to gonadotrophin | Dr Dejee |
| 13.12.19 | (Fri) | | | |
| 14.12.19 | (Sat) | 8–9 a.m. | Case presentation | Unit–II |
| | | 12 noon | Bedside teaching | Dr P. Chadha |
| 15.12.19 | (Sun) | | | |
| 16.12.19 | (Mon) | | | |
| 17.12.19 | (Tues) | 8–9 a.m. | Bedside teaching | Dr B.G. Kotwani |
| 18.12.19 | (Wed) | 8–9 a.m. | Case presentation | Unit–III |
| 19.12.19 | (Thur) | 11:30 a.m. | Seminar: Fertility preservation in Ca cases | Dr Rekha |
| 20.12.19 | (Fri) | | | |
| 21.12.19 | (Sat) | 12 noon | Bedside teaching | Dr P. Chadha |
| 22.12.19 | (Sun) | | | |
| 23.12.19 | (Mon) | 8–9 a.m. | | Unit–V-A |
| 24.12.19 | (Tues) | 8–9 a.m. | Bedside teaching | Dr B.G. Kotwani |
| 25.12.19 | (Wed) | | HOLIDAY (CHRISTMAS DAY) | |
| 26.12.19 | (Thur) | 11:30 a.m. | Seminar: Thin EM—how to manage | Dr Nisha |
| 27.12.19 | (Fri) | | | |
| 28.12.19 | (Sat) | 12 noon | Bedside teaching | Dr P. Chadha |
| 29.12.19 | (Sun) | | | |
| 30.12.19 | (Mon) | | Case presentation | Unit–V-B |
| 31.12.19 | (Tues) | 8–9 a.m. | Bedside teaching | Dr B.G. Kotwani |

Case presentations will be according to the availability of the cases. The following cases will be discussed.

Obstetrics

APH

PIH

Gynaecology

DUB

Fibroid

| | |
|----------------|---------------------------------------|
| Twins | Prolapse |
| Hydramnios | VVF |
| Breech | Carcinoma cervix |
| Transverse lie | Carcinoma body of the uterus |
| IUGR | Adnexal Mass (Ca ovary/ PID/ Ectopic) |
| DM | Tuberculosis |
| Heart disease | Cervical erosion |
| Anaemia | Vaginal discharge |
| BOH | Carcinoma of the vulva |
| Prematurity | Postoperative cases |
| Jaundice | Cervical dysplasia |
| Puerperium | |

| | |
|------------------|---|
| Unit-I | Dr I. Ganguli/ Dr Mala Srivastava/ Dr Mamta Dagar/ Dr Tarun Kumar Das |
| Unit-II | Dr S. K. Bhandari/ Dr H. Khullar/ Dr Geeta Mediratta/ Dr Sharmistha Garg |
| Unit-III | Dr K. Gujral/ Dr Chandra Mansukhani/ Dr Sakshi Nayar |
| Unit-IV-A | Dr M. Kochar/ Dr Ruma Satwik |
| Unit-IV-B | Dr Abha Majumdar/ Dr Shweta Gupta/ Dr Neeti Tiwari |
| Unit-V-A | Dr Debasis Dutta/ Dr Kanika Jain/ Dr Kanika Chopra |
| Unit-V-B | Dr Punita Bhardwaj |

Postings

Postgraduates are posted in the Department of Neonatology and Ultrasound for two weeks each and in the ICCU, ICU. Department of Nephrology and laboratories for 1 week each.

There will be a monthly examination on the last Saturday of every month from the topics covered in that month.

Chairperson: Dr A.K. GROVER

Teaching Coordinator: Dr S.N. JHA

Teaching Schedule

| | |
|---|---|
| Seminar/ Journal Club/ Case Presentation | 8 a.m.–9 a.m., Wednesday (Venue: Hall B, Auditorium) |
|---|---|

The teaching schedule of the Department of Ophthalmology will include regular lectures by the consultants of the department, clinical teaching by the senior residents and presentation of seminars and Journal Clubs by residents. Residents also present clinical cases of interest in the presence of the faculty of the department.

Fellow of National Board (FNB) in Vitreoretina

A vitreoretinal fellowship programme is also running in the department and there will be special classes for the same.

Requirements

All students are required to maintain log books which document both minor clinical procedures carried out in the OPD and surgical procedures in the Operation Theatre.

Examinations

Examinations are held on every 3rd Saturday from 2 p.m. to 4 p.m.

Academic Programme

Daily clinical classes are held in the OPD where residents present short cases to the consultant. The evening round on new admissions is supervised by a senior resident. Cases of clinical interest, Journal Clubs and seminars are presented by the residents on Wednesday.

Academic Schedule

Time: 8 a.m.–9 a.m., Wednesday (Venue: Hall B, Auditorium)

| <i>Date</i> | <i>Topic</i> | <i>Speaker</i> |
|-------------|---|----------------|
| 03.07.19 | Anatomy physiology of lid and lacrimal system and orbit | Dr Anurag |
| 10.07.19 | Entropion, ectropion, eyelid retraction | Dr Richa |
| 17.07.19 | Journal Club | Dr Sonia |
| 24.07.19 | Congenital and acquired ptosis | Dr Faraz |
| 31.07.19 | Lid tumours | Dr Anurag |
| 07.08.19 | Case presentation | Dr Richa |
| 14.08.19 | Lid reconstruction | Dr Faraz |
| 21.08.19 | Evaluation and approach to patient with proptosis | Dr Anurag |

| <i>Date</i> | <i>Topic</i> | <i>Speaker</i> |
|-------------|---|----------------|
| 28.08.19 | Thyroid eye disease | Dr Richa |
| 04.09.19 | Case presentation | Dr Faraz |
| 11.09.19 | Orbital cellulitis, mucormycosis | Dr Anurag |
| 18.09.19 | Orbital tumours and approach | Dr Faraz |
| 25.09.19 | Journal Club | Dr Arindham |
| 02.10.19 | HOLIDAY (GANGHI JAYANTI) | |
| 09.10.19 | Case presentation | Dr Richa |
| 16.10.19 | Lacrimal apparatus disorders | Dr Anurag |
| 23.10.19 | Congenital and aquired NLDO | Dr Faraz |
| 30.10.19 | Journal Club | Dr Arindham |
| 06.11.19 | Lid and lacrimal gland trauma, orbital trauma | Dr Anurag |
| 13.11.19 | Contracted socket and socket reconstruction | Dr Deepika |
| 20.11.19 | Case presentation | Dr Faraz |
| 27.11.19 | Evisceration, enucleation, exenteration | Dr Faraz |
| 04.12.19 | Atypical disease—IgG4 pseudotumour | Dr Anurag |
| 11.12.19 | Case presentation | Dr Anurag |
| 18.12.19 | Journal Club | Dr Arindham |
| 25.12.19 | HOLIDAY | |

Vitreous Retina fellowship programme

Every 2nd and 4th Saturday there will be a V.R. Symposium/ Case presentation/ Journal Club from 8 a.m. to 9 a.m.

Ward Round

Ward round by Senior Residents every Monday and Friday from 6 p.m. to 7 p.m.

Chairperson: Dr V.K. NIJHAWAN

Teaching Coordinator: Dr MANISH DHAWAN

Teaching Schedule

| | |
|-----------------------|---|
| Seminar/ Journal Club | 2 p.m., Thursday (Venue: Nephro Seminar Room) |
| Case Demonstration | 11 a.m.–12 noon |

Requirements

The students are required to maintain log books in which all cases presented, lectures/ seminars/ Journal Clubs and emergencies attended during duties would be recorded. The log books are to be checked once a week by the Head of the Unit and once a month by the Head of the Department.

Attendance

A minimum attendance of 75% is needed for all the above-mentioned disciplines in the Orthopaedic Training Schedule, failing which the DNB student will not be issued the certificate necessary to appear in the examination.

Radiology Conference

Each postgraduate student is required to attend the Radiology seminars held every week on Thursday.

Postgraduates are also required to attend interdisciplinary clinical meetings of all the departments in the hospital held once a month. They are also required to attend other disciplines as per schedule in the DNB course rotation.

Examinations

Theory tests are held on the last Fridays of February, April, June, August, October and December covering topics according to the schedule.

Seminar/Journal Club

Time: 2 p.m., Tuesday

Venue: Nephro Seminar Room

| <i>Date</i> | <i>Topic</i> | <i>Speaker</i> | <i>Moderator</i> |
|-------------|-----------------------|----------------|-------------------|
| 02.07.19 | Septic hip and sequal | Dr Sijal Rivi | Dr Manish Dhawan |
| 09.07.19 | Journal Club | Dr Naman | Dr Brajesh Nandan |
| 16.07.19 | DDH | Dr Ram | Dr Manish Dhawan |

| <i>Date</i> | <i>Topic</i> | <i>Speaker</i> | <i>Moderator</i> |
|-------------|--|----------------|--------------------|
| 23.07.19 | Journal Club | Dr Prassana | Dr Rajat Chopra |
| 30.07.19 | CTEV | Dr Kiran | Dr Manish Dhawan |
| 06.08.19 | Journal Club | Dr Abhay | Dr S.S. Sachdeva |
| 13.08.19 | Anatomy and biomechanics of ankle | Dr Prassana | Dr Rajat Chopra |
| 20.08.19 | Journal Club | Dr Ram | Dr Satish Sharma |
| 27.08.19 | Anatomy and biomechanics of elbow | Dr Naman | Dr Nipun Rana |
| 03.09.19 | Journal Club | Dr Kiran | Dr Brajesh Nandan |
| 10.09.19 | Perthes | Dr Abhay | Dr Manish Dhawan |
| 17.09.19 | Journal Club | Dr Sijal Rivi | Dr Anant Kr Tiwari |
| 24.09.19 | Recurrent shoulder dislocation | Dr Ram | Dr Prateek Gupta |
| 01.10.19 | Journal club | Dr Ram | Dr Ashis Acharya |
| 15.10.19 | Amputation of lower limb | Dr Naman | Dr Manish Dhawan |
| 22.10.19 | Journal Club | Dr Abhay | Dr Manish Dhawan |
| 05.11.19 | Maltraking of patella | Dr Kiran | Dr Ashis Acharya |
| 19.11.19 | Journal Club | Dr Naman | Dr Brajesh Nandan |
| 26.11.19 | Physéal injuries | Dr Abhay | Dr Manish Dhawan |
| 03.12.19 | Journal Club | Dr Prassana | Dr Manish Dhawan |
| 10.12.19 | Role of nuclear scan studies in ortho | Dr Kiran | Dr Nipun Rana |
| 17.12.19 | Journal Club | Dr Prassana | Dr Satish Sharma |
| 24.12.19 | Bone tumour classification and biopsy techniques | Dr Kiran | Dr Brajesh Nandan |
| 31.12.19 | Journal Club | Dr Ram | Dr Satish Sharma |

Grand Round

A Grand Round of 2 hours will be held once a month conducted by the Chairman, Department of Orthopaedics.

Case Demonstration

Time: 11 a.m.–12 noon.

Case demonstration will be held during every general OPDs from Monday to Saturday in which the postgraduate will present a case attached to the particular unit conducting the OPD. A ward round will follow this.

Ward Round

Venue: Start from B Block, 3rd Floor

The ward round is taken every day at a time specified for each unit.

Supervisorial

| <i>Day/ Unit</i> | <i>Time</i> | <i>Supervisor(s)</i> |
|---------------------|-------------------|--------------------------------|
| Monday/ Unit-I | 12 noon to 1 p.m. | Dr R. Bhalla/ Sarabjeet/ Rajat |
| Tuesday/ Unit-II | 12 noon to 1 p.m. | Dr Manish Dhawan/ Brajesh |
| Wednesday/ Unit-III | 2 p.m. to 3 p.m. | Dr Gaggan Chadha/ Dr Satish |
| Thursday/ Unit-I | 12 noon to 1 p.m. | Dr R. Bhalla/ Sarabjeet/ Rajat |
| Friday/ Unit-II | 12 noon to 1 p.m. | Dr V.K. Nijhawan/ Brajesh |
| Saturday/ Unit-III | 2 p.m. to 3 p.m. | Dr Gaggan Chadha/ Dr Satish |

Senior Resident Teaching

All Senior Residents will take regular ward rounds with DNB students for bedside teaching. The Senior Residents in rotation will take one class per week.

Postings

Each postgraduate will be posted in the following departments:

| <i>Department</i> | <i>Duration</i> |
|-------------------|-----------------|
| Plastic Surgery | One month |
| General Surgery | Two months |
| Neurosurgery | Two months |

Every postgraduate student will be on rotation for night duty as well as daytime emergency duty, which will include casualty work at least twice a week.

Chairperson: Dr AJAY SWAROOP

Vice-Chairperson: Dr DEVINDER RAI

Teaching Coordinator: Dr ALOK AGARWAL

Teaching Schedule

| | |
|--|--|
| Journal Club/ Case Presentation/ OSCE | 12 noon–1 p.m., every Monday, Wednesday and Friday (Venue: Lecture Hall B) |
| Ward Round | 9 a.m.–11 a.m., Monday–Saturday (ENT General Ward) |
| General OPD | Time: 9 a.m.–11 a.m. |

Brief Outline

The DNB course in ENT is spread over 3 years. The aim is to produce a complete Ear, Nose and Throat Specialist, well-versed in the theoretical aspects, as well as a competent and safe surgeon. An attempt is made during the period of the course to impart an overview of the standard teachings as well as recent advances in the specialty. The student is actively involved in various surgical procedures and total patient care, ranging from OPD workup, writing of case records, surgery and postoperative care.

In the course of these three years, the trainee is expected to

- Inculcate a clear and comprehensive knowledge of the fundamentals of otorhinolaryngology.
- Develop clinical skills in patient care in the OPD, casualty and wards in order to diagnose, investigate, plan and execute their medical and surgical treatment independently.
- To acquire skills to do basic and clinical research in otorhinolaryngology.
- To acquire teaching skills to be able to impart knowledge and technical skills to undergraduates, postgraduates and nursing students.
- To develop a sense of self appraisal, learning and advancement through literature and CME programmes in the field of otorhinolaryngology.

Clinical skill enhancement

- The outpatient department of otorhinolaryngology is equipped with an operating microscope, nasal and fiber-optic laryngoscope which are attached to an endoscopic camera and monitor with a recording system. Diagnostic as well as minor procedures are being carried out by the trainees independently under the supervision of the senior residents/ consultants.

- In the operation theatre, all surgeries can be viewed on the monitor for learning as well as for its supervision when being performed by the trainees.
- Navigation image-guided surgery is also being conducted which allows the trainee to correlate CT scan anatomy of the nose, paranasal sinuses and skull base, with an online endoscopic surgical one.
- Temporal bone dissection is being carried out by the trainees in the clinical skills centre.

The trainees attend and participate in various CME surgical workshops which are being conducted by the department periodically and annually. These are ear surgery and temporal bone dissection, cochlear implant surgery and endoscopic sinus surgery.

Acquiring skills

- **Emergency**—to be able to independently/ under supervision handle emergency situations such as foreign body removal, epistaxis, trauma, tracheostomy, intubation and others.
- **Surgery**—to perform independently but under supervision, surgical procedures such as tympanoplasty, mastoidectomy, myringotomy, adenoidectomy, tonsillectomy, septoplasty, FESS, MLS, biopsies and others.
- To have assisted in surgeries such as the cochlear implant, middle ear implant, parotidectomy, thyroidectomy, laryngectomy, maxillectomy, neck dissection, laser surgeries for voice disorders and other indications, tracheal stenosis, choanal atresia, optic nerve decompression, orbital decompression, DCR, pituitary fossa surgery, anterior and lateral skull base surgery, CSF rhinorrhoea and others.

Requirements

The DNB student maintains a log book in which all cases seen and discussed, all operations assisted or performed, are entered and countersigned by the consultant. The student is supposed to attend the hospital 6 days a week from 8 a.m. to 4 p.m. The student does one emergency duty per week on an average, with Sunday duty by rotation.

Examinations

Every 2 months, a multiple-choice examination of the topics covered is held and grades are assigned. Every 6 months, a clinical examination consisting of long and short cases, is taken.

Postings

Each student is posted by rotation for 2 weeks in ancillary departments such as Pathology, Haematology and Radiology.

Journal Club/Case Presentation/OSCE

Time: 12 noon–1 p.m., every Monday, Wednesday and Friday

Venue: Lecture Hall B

| <i>Date</i> | <i>Topic</i> | <i>Presenter</i> |
|-------------|---|------------------|
| 01.07.19 | Glomus and other tumour of ear | Dr Rajat Kedia |
| 02.07.19 | Vestibular schwannoma | Dr Preetham |
| 08.07.19 | Anatomy of facial nerve | Dr Adithi |
| 09.07.19 | Disorders of facial nerve | Dr Chandresh |
| 15.07.19 | EBV and its manifestation in ENT | Dr Rajat Kedia |
| 16.07.19 | Anatomy and development of esophagus | Dr Preetham |
| 22.07.19 | Mobility disorders of esophagus | Dr Adithi |
| 23.07.19 | Anatomy of pharynx | Dr Chandresh |
| 29.07.19 | Nasopharyngeal carcinoma | Dr Rajat Kedia |
| 30.07.19 | Anatomy of thyroid gland | Dr Preetham |
| 05.08.19 | Physiology of thyroid | Dr Adithi |
| 06.08.19 | Benign tumour of thyroid | Dr Chandresh |
| 12.08.19 | Malignant tumour of thyroid | Dr Rajat Kedia |
| 13.08.19 | Meniere's disease | Dr Preetham |
| 19.08.19 | Acoustic neuroma | Dr Rajat Kedia |
| 20.08.19 | Rhinosinusitis | Dr Adithi |
| 26.08.19 | Allergic/ non-allergic rhinitis | Dr Chandresh |
| 27.08.19 | Fungal rhino sinusitis | Dr Rajat Kedia |
| 02.09.19 | Nasal polyposis | Dr Preetham |
| 03.09.19 | CSF rhinorrhea | Dr Adithi |
| 09.09.19 | Nasal fractures | Dr Rajat Kedia |
| 10.09.19 | Benign neck disease | Dr Preetham |
| 16.09.19 | Physiology of swallowing | Dr Adithi |
| 17.09.19 | Functional investigations of upper GI tract | Dr Chandresh |
| 23.09.19 | Pharyngeal pouch | Dr Rajat Kedia |
| 24.09.19 | OSA | Dr Preetham |
| 30.09.19 | JNA | Dr Adithi |
| 01.10.19 | Anatomy of infra temp fossa | Dr Rajat Kedia |
| 07.10.19 | Ototoxicity | Dr Preetham |
| 14.10.19 | Tinnitus and other dryness | Dr Adithi |
| 15.10.19 | Otosclerosis | Dr Chandresh |
| 21.10.19 | FESS | Dr Rajat Kedia |

| <i>Date</i> | <i>Topic</i> | <i>Presenter</i> |
|-------------|--|------------------|
| 22.10.19 | Tympanoplasty | Dr Preetham |
| 28.10.19 | Canal wall up mastoidectomy | Dr Adithi |
| 04.11.19 | Ossiculoplasty | Dr Rajat Kedia |
| 05.11.19 | Complication of rhino-sinusitis | Dr Preetham |
| 11.11.19 | Orbital and optic nerve decompression | Dr Adithi |
| 12.11.19 | DCR | Dr Chandresh |
| 18.11.19 | Tracheostomy | Dr Rajat Kedia |
| 19.11.19 | Chronic aspiration and treatment | Dr Preetham |
| 25.11.19 | Bone-anchored hearing aids | Dr Adithi |
| 26.11.19 | Parathyroid gland anatomy and physiology | Dr Chandresh |
| 02.12.19 | Parathyroid function tests and injury | Dr Rajat Kedia |
| 03.12.19 | Laryngeal stenosis | Dr Preetham |
| 09.12.19 | Revision FESS | Dr Adithi |
| 10.12.19 | Skin prick testing | Dr Chandresh |
| 16.12.19 | Obliteration of mastoid cavity | Dr Rajat Kedia |
| 17.12.19 | Laser in ENT | Dr Preetham |
| 23.12.19 | Parasympathetic ganglion | Dr Adithi |
| 24.12.19 | Canal wall down | Dr Chandresh |
| 30.12.19 | Anatomy of salivary gland | Dr Rajat Kedia |
| 31.12.19 | Anatomy of the middle ear | Dr Preetham |

Ward Round

Time: 9 a.m.–11 a.m.

Venue: ENT General Ward

| Day | Supervisor |
|---------------------|---|
| Monday/ Thursday | Dr Ajay Swaroop/ Dr Alok Agarwal/ Dr Shweta Gogia |
| Tuesday/ Friday | Dr Devinder Rai/ Dr Manish Munjal/ Dr Varun Rai |
| Wednesday/ Saturday | Dr Anil Monga/ Dr A.K. Lahiri/ Dr Shalabh Sharma/ Dr Nitin Aggarwal/ Dr Satinder Singh |

General OPD

Time: 9 a.m.–11 a.m.

| Day | Unit |
|------------------------|--|
| Monday | Unit-I (A) – Dr A.K. Monga/ Dr Nitin Aggarwal |
| Thursday | Unit-I (B) – Dr Shalabh Sharma/ Dr Satinder Singh |
| Tuesday/ Friday | Unit-II – Dr Ajay Swaroop/ Dr Alok Agarwal/ Dr Shweta Gogia |
| Wednesday/ Saturday | Unit-III – Dr Devinder Rai/ Dr Manish Munjal/ Dr Varun Rai |

Special Clinics

Room No. F-80 (Mon–Sat) – Vestibular Lab

Room No. F-81 (Mon–Sat) – Voice Lab

Room No. F-82 (Mon–Sat) – Speech Therapy

Room No. F-82 (Mon–Sat), General OPD, Time: 11 a.m.–12 noon
ENT Cancer Clinic – Dr Sangeet Kumar AgarwalRoom No. F-84 (Mon–Sat), Private OPD, Time: 8 a.m.–10 a.m.
ENT Cancer Clinic – Dr Sangeet Kumar Agarwal

Director (Histopathology): Dr SUNITA BHALLA

Director (Cytopathology): Dr KUSUM VERMA

Teaching Coordinator: Dr PREM CHOPRA

Teaching Schedule

| | |
|----------------------|---|
| DNB Tutorials | 2:15 p.m.–3:15 p.m., 2nd and 3rd Monday of the month (Department of Pathology) |
| Journal Club | 2:15 p.m.–3:15 p.m., 2nd Thursday (Venue: Board Room) |

The Department of Pathology started the DNB course in June 2001; one to two new candidates are admitted in June every year. Besides a wide range of academic activities designed for DNB trainees in Pathology as detailed below, the department also provides academic inputs for various running and ad hoc academic programmes of the hospital involving individual and combined disciplines.

DNB pathology trainees are required to participate in the following programmes:

- Gross specimen conference
12 noon–1 p.m. on the 1st Monday of the month
- Histopathology slide conference
2 p.m.–3 p.m. on the 2nd Friday and 4th Thursday of the month
- Cytopathology slide conference 2 p.m.–3 p.m. on the 3rd Saturday of the month
- Haematology seminar Once a month (Haematology Department)
- Journal Club 2:30 p.m.–3:30 p.m. on the 2nd Thursday of the month
- Seminars/ Tutorials on current topics of interest on 2nd and 4th Mondays of the month
- Pathology meeting: 2:15 p.m.–3:15 p.m. on 1st Thursday of the month
- Clinical meeting 11:30 a.m.–12:30 p.m. on every Tuesday and Friday of the month where pathology data is presented
- Nephropathology 9 a.m.–10 a.m. on every Tuesday (Pathology Department)

DNB trainees from the following disciplines are posted for short-term in the department.

- Orthopaedic pathology
- Obstetric and gynaecological pathology
- Ophthalmic pathology
- Gastrointestinal pathology
- ENT

DNB students will discuss various topics of interest with the staff of the Departments of Biochemistry, Blood Bank, Genetics and Haematology.

DNB Tutorials

Time: 2:15 p.m.–3:15 p.m., 2nd and 3rd Monday of the month

Venue: Department of Pathology

| <i>Date</i> | <i>Topic</i> | <i>Speaker</i> | <i>Moderator</i> |
|-------------|---|----------------------------|------------------|
| 08.07.19 | Histochemical stains in diagnostic pathology | Dr Sankar, Dr Shreya | Dr Sunita Bhalla |
| 15.07.19 | Approach to round cells tumours on cytology | All residents | Dr Pooja Bakshi |
| 12.08.19 | Advances in molecular pathology techniques: – FISH – Proteomics, nanostring, next generation sequencing | Dr Ali Osama Dr Kanchan | Dr Sunila Jain |
| 19.08.19 | Malignant tumours of endometrium | Dr Saurabh | Dr P. Chopra |
| 09.09.19 | Urinary bladder tumours | Dr Satyendra | Dr Pallav Gupta |
| 16.09.19 | Update on thyroid carcinomas | Dr Anisha | Dr Seema Rao |
| 14.10.19 | Thesis progress | Dr Ali Osama | Dr Pooja Bakshi |
| 21.10.19 | Thesis progress | Dr Kanchan | Dr Sunila Jain |
| 11.11.19 | Cytology of hepatic lesions | All residents | Dr Kusum Verma |
| 18.11.19 | Neoplastic and non-neoplastic polyps of GIT | Dr Satyendra | Dr Sunita Bhalla |

- Tutorials to be held on 2nd and 3rd Mondays of each month from 2:15–3:15 p.m.
- Residents need to meet the Consultants at least two weeks prior to the tutorials for discussion of contents of their topic, etc.
- The moderator/ consultant may please ensure participation of **all residents** besides the one who is presenting.
- All junior and senior residents to participate.
- Theory practice writing related to the above topics will be done.

Journal Club

Time: 2:15 p.m.–3:15 p.m., 2nd Thursday

Venue: Board Room

| <i>Date</i> | <i>Speaker</i> | <i>Moderator</i> |
|-------------|------------------|-------------------|
| 11.07.19 | Dr Sunila Jain | Dr Saurabh Garg |
| 08.08.19 | Dr Pooja Bakshi | Dr Anisha Manocha |
| 12.09.19 | Dr Pallav Gupta | Dr Sweety |
| 10.10.19 | Dr Sunita Bhalla | NR-1 |
| 14.11.19 | NR-2 | Dr Kancan |

Journal Club will be held every **second Thursday**, 2:15 p.m.– 3:15 p.m.
Residents should discuss with the Consultants at least two weeks prior to the Journal Club for selection/ discussion of the articles, etc.

Chairperson: Dr (SURG CMDE) V.S. BEDI

Teaching Coordinator: Dr APURVA SRIVASTAVA

Teaching Schedule

| | |
|-------------------------------|--|
| Lecture | 2 p.m.–3 p.m., alternate Tuesday (Venue: Seminar Room) |
| Vascular Interventions | 8 a.m.–1 p.m., Monday–Saturday (Venue: Catheterization Laboratory, 5th Floor; Hybrid Vascular Cath Lab, 4th floor) |
| Vascular Duplex Scan | 9 a.m.–5 p.m., daily (By appointment) For emergency #2079 (Venue: Non-invasive Imaging Centre, 4th CB Block) |
| Grand Round | 12 noon, Wednesday and Saturday) |

A three-year diploma course was started in January 2008. Applications for the above course are available from the NBE office, Delhi.

A two-year fellowship programme (recognized by NBE) which was conducted from January 2001 is now withdrawn.

Lecture

Time: 2 p.m.–3 p.m., alternate Tuesday

Venue: Seminar Room

The department will hold the following lectures for DNB students of Surgery, Medicine, Anaesthesia and Paediatrics. These are in addition to the lectures held as per schedule of the Department of General Surgery.

| <i>Date</i> | <i>Topic</i> | <i>Speaker</i> | <i>Moderator</i> |
|-------------|--|----------------|----------------------|
| 02.07.19 | Management of vascular laboratory | Dr Sarah | Dr Apurva Srivastava |
| 16.07.19 | Management of renal artery hypertension | Dr Ankit | Dr Dhruv Agarwal |
| 30.07.19 | Management of carotid body tumour | Dr K. Harish | Dr A. Satwik |
| 13.08.19 | Evaluation and management of venous thrombosis | Dr Ravi | Dr A. Yadav |
| 27.08.19 | Diabetic foot | Dr Rinelle | Dr S. Agarwal |

| <i>Date</i> | <i>Topic</i> | <i>Speaker</i> | <i>Moderator</i> |
|-------------|---------------------------------------|----------------|----------------------|
| 10.09.19 | Management of varicose veins | Dr Bipul | Dr V.S. Bedi |
| 24.09.19 | Aneurysm and its treatment | Dr Sarah | Dr Apurva Srivastava |
| 08.10.19 | Vascular trauma | Dr Ankit | Dr Dhruv Agarwal |
| 22.10.19 | Vascular malformation | Dr K. Harish | Dr A. Satwik |
| 05.11.19 | Management of critical limb ischaemia | Dr Ravi | Dr A. Yadav |
| 19.11.19 | Lymphoedema evaluation and management | Dr Rinelle | Dr S. Agarwal |
| 03.12.19 | Management of Reynaud's disease | Dr Bipul | Dr V.S. Bedi |
| 17.12.19 | Type of AV access and complication | Dr Sarah | Dr Apurva Srivastava |
| 31.12.19 | Diabetic foot sepsis | Dr Ankit | Dr Dhruv Agarwal |

Vascular Interventions

Time: 8 a.m.–1 p.m., Monday–Saturday

Venue: Catheterization Laboratory, 5th Floor; Hybrid Vascular Cath Lab, 4th Floor

Vascular Duplex Scan

Time: 9 a.m.–5 p.m., daily (By appointment); (For emergency # 2079)

Venue: Non-invasive Imaging Centre, 4th Floor

Grand Round

Time: 12 noon, Wednesday and Saturday

Operation days: Monday, Tuesday, Thursday, Friday and emergencies (when they arise)

Operation time: 8 a.m.–4 p.m.

All cases for elective surgery are discussed in detail with emphasis on the surgical approach, alternative procedures, angiography and X-ray findings on the day preceding the operation.

Chairperson: Dr MAHESH MANGAL

Teaching Coordinator: Dr BHEEM SINGH NANDA

The Department of Plastic Surgery has 3 units. The department comprises an Emeritus consultant, 8 senior consultants, 1 consultant, 3 associate consultants, 1 clinical assistant and 6 DNB Residents. There is a Surgical Skill centre with an operating microscope to learn microvascular surgery and endotrainer to learn endoscopic surgery. The ward round in the unit starts at 9 a.m. on Monday to Saturday. The department has six operating days on Monday to Saturday. The department runs a charity project—Smile Train Sir Ganga Ram Hospital, which is a Cleft Project for free operations of poor patients with cleft lip and palate.

The department conducts its academic meetings on all working days. The faculty takes part in delivering lectures and coordinating seminars with DNB students.

A brief outline of the Academic Programme

The curriculum of the Department of Plastic Surgery aims to make the trainees independent surgeons with basic training and knowledge of Plastic Surgery. The trainee is required to do the following:

- To be highly competent in the field of Plastic Surgery.
- To be able to function independently as a Plastic Surgeon in a teaching or non-teaching hospital.
- To acquire skills to diagnose, investigate, plan and execute surgical treatment of patient requiring plastic surgical procedures.
- To acquire skills to do basic and clinical research in Plastic Surgery.
- To acquire teaching skills to be able to propagate Plastic Surgery and transfer knowledge and technical skills to postgraduates, undergraduates and nursing students.
- To acquire the ability for self-learning, critical appraisal of the literature and modern developments in Plastic Surgery.
- To be competent in the intensive and subsequent care of severe burn patients.

Syllabus

General Principles

- History of Plastic Surgery and its broad scope at present
- Anatomy and function of the skin Split-skin grafts and full-thickness skin grafts, their 'take' and subsequent behaviour
- Local skin flaps.
- Pedicled skin flaps
- Unstable scar and scar contracture
- Care of wounds, dressings, techniques and splints

- Wound healing
- Grafts—fat, fascia, tendon, nerve, cartilage and bone
- Infective skin gangrene
- Hospital infections
- Suture materials
- Surgical instruments
- Implant materials used in Plastic Surgery
- Principles of genetics and general approach to the management of congenital malformations
- Flaps—fasciocutaneous, muscle, musculocutaneous, osteomyocutaneous
- Local anaesthesia, nerve blocks, regional anaesthesia
- Principles of anaesthesia for infants, adults, hypothermia, hypotensive anaesthesia
- Tissue expansion
- Keloids, hypertrophic scars
- Endoscopy in Plastic Surgery

Face

- Growth and developmental changes in the face, anatomy of the facial skeleton
- Structure and development of the teeth
- Leprosy deformities of the face
- Temporomandibular joint dysfunctions
- Fractures: Nose, maxilla, mandible, zygoma, orbit—early management and treatment of sequelae
- Corrective rhinoplasty
- Reconstructive rhinoplasty
- Facial paralysis
- Reconstruction of the external ear
- Reconstruction of the eyelids, ptosis
- Congenital deformities of the face and jaw bone

Cleft Lip and Palate and Craniofacial Anomalies

- Embryology of the head and neck (excluding central nervous system)
- Regional anatomy of the head and neck
- Embryogenesis of cleft lip and palate Cleft lip and palate, alveolar clefts
- Velopharyngeal incompetence
- Orthodontics, speech therapy in cleft lip and palate
- Principles of craniofacial surgery
- Rare craniofacial clefts, Tessier, clefts, craniosynostosis, hypertelorism, craniofacial/ microsomia

Tumours of the Head and Neck and Skin

- Vasoformative lesions of the skin and adnexae
- Jaw tumours
- Cancer of the upper aerodigestive system
- Reconstruction of the mandible
- Reconstruction of the maxilla
- Malignant and benign tumours of the head and neck
- Tumours of the skin
- Principle of prosthetic replacement of jaw defects

Trunk

- Reconstruction of full-thickness defects of the abdomen and thorax
- Decubitus ulcer
- Breast reconstruction

Aesthetic Surgery

- Chemical peeling and dermabrasion
- Blepharoplasty
- Face lift
- Abdominoplasty
- Body contouring, liposuction
- Reduction mammoplasty
- Augmentation mammoplasty
- Lasers in Plastic Surgery

Lower Extremity

- Functional anatomy of the foot
- Lymphoedema
- Reconstructive surgery of the lower extremity
- Leprosy deformities of the leg and foot

Genitourinary System

- Embryology of the male and female external genitalia
- Anatomy of the male and female external genitalia hypospadias
- Epispadias and ectopia vesicae
- Reconstruction of the external genitalia
- Vaginoplasty
- Trans-sexualism (intersex)

Hand

- Functional anatomy of the hand
- Embryology of the upper extremities
- Examination of the hand
- General principles of hand surgery
- Principles of reconstruction in mutilating hand injuries
- Treatment of acute hand injuries
- Principles of treatment of old and neglected hand deformities
- Rheumatoid arthritis of the hand
- Hand infections
- Flexor tendon injuries
- Extensor tendon injuries
- Congenital deformities of the hand, finger and thumb
- Peripheral nerve injuries: Electrodiagnostic tests
- Rehabilitation after hand injuries: Prosthesis
- Fractures and dislocation of the hand—metacarpals and phalanges
- Fingertip injuries
- Nail—injuries, grafting
- Problem of small joints
- Nerve compression syndromes
- Surgery for the spastic and tetraplegic hand
- Vasospastic disorders of the hand
- Ischaemic conditions of the upper extremity
- Dupuytren disease
- Finger pollicisation
- Thumb reconstruction
- Lymphoedema in the upper extremity
- Tendon transfers for radial, ulnar and median nerve injuries
- Brachial plexus injury
- Innervated flaps
- Physiotherapy in the upper limb
- Leprosy deformity of the hand
- Benign and malignant tumours of the hand

Microsurgery

- Principles of microsurgery and its applications in Plastic Surgery
- Reimplantation and revascularization surgery Free flap
- Microvascular tissue transfers

Burns

- Organization of a burns unit
- Principles of planning in the event of a burn disaster
- Pathophysiology of burn shock

- Nutrition in burns
- Burn wound infection, sepsis
- Thermal burns
- Electrical burns
- Chemical burns
- Radiation burns
- Tangential and sequential excision
- Facial burns
- Reconstruction of a burnt hand and upper extremity
- Post-burn contractures—treatment of sequelae

Teaching Schedule

Monday

1st, 3rd, 4th – 11 a.m.–12 noon

Seminar/ Case presentation

2nd – 11 a.m.–12 noon

Audit and Journal club

Tuesday

3 p.m.–4 p.m.

Case presentation/ Flap marking short videos/ Emergency case discussions
(Unit–III)

Wednesday

4 p.m.–5 p.m.

Case presentation/ Flap marking short videos/ Emergency case discussions
(Unit–II)

Thursday

3 p.m.–4 p.m.

Short case discussion/ Operation steps/ X-ray discussion, Emergency case
discussion (UNIT–I)

Friday

4 p.m.–5 p.m.

Short case discussion/ Operation steps/ X-ray discussion, Emergency case
Discussion (UNIT–II)

Saturday

3 p.m.–4 p.m.

Surgical Applied Anatomy (Unit–I and II)

Academic Programme

Time: 1 p.m.–2 p.m., Monday to Saturday

Venue: Auditorium

| <i>Date</i> | <i>Day</i> | <i>Topic</i> | <i>Speaker</i> | <i>Moderator</i> |
|-------------|------------|--|------------------------|---|
| July | | | | |
| 01.07.19 | (Mon) | Clinical case/ seminar | Dr Sudha | Dr Lalit Choudhary |
| 02.07.19 | (Tues) | Tissue engineering | Dr Gourav | Dr Bheem Nanda |
| 03.07.19 | (Wed) | Journal Club | Dr Nakul | Dr Vivek Gupta |
| 04.07.19 | (Thur) | Emergency case discussion/ short case | Dr Nikhil | Dr Anubhav Gupta |
| 05.07.19 | (Fri) | Flap marking/ operative video | Dr Gourav | Dr Himanshu Jain |
| 06.07.19 | (Sat) | Platelet-rich plasma | Dr Pooja | Dr Anubhav Gupta |
| 07.07.19 | (Sun) | (HOLIDAY) | | |
| 08.07.19 | (Mon) | Audit | Dr Gourav/ Dr Pooja | Dr S.S. Saha/ Dr Mahesh Mangal/ Dr Rajeev Ahuja |
| 09.07.19 | (Tues) | Cartilage graft | Dr Gourav | Dr S.S. Gambhir |
| 10.07.19 | (Wed) | Arterial surgical anatomy— lower limb | Dr Nikhil | Dr Vivek Gupta |
| 11.07.19 | (Thur) | Flap marking/ operative video | Dr Sudha | Dr Bheem Nanda |
| 12.07.19 | (Fri) | Emergency case discussion/ short case | Dr Nakul | Dr Lalit Choudhary |
| 13.07.19 | (Sat) | Journal Club | Dr Pooja | Dr Anubhav Gupta |
| 14.07.19 | (Sun) | (HOLIDAY) | | |
| 15.07.19 | (Mon) | Clinical case/ seminar | Dr Sudha | Dr Himanshu Jain |
| 16.07.19 | (Tues) | Facial palsy | Dr Pooja | Dr S.S. Gambhir |
| 17.07.19 | (Wed) | Journal Club | Dr Sudha | Dr Lalit Choudhary |
| 18.07.19 | (Thur) | Emergency case discussion/ short case | Dr Nakul | Dr Anubhav Gupta |
| 19.07.19 | (Fri) | Flap marking/ operative video | Dr Gourav | Dr Vivek Gupta |
| 20.07.19 | (Sat) | Lymphoedema | Dr Nikhil | Dr Bheem Nanda |
| 21.07.19 | (Sun) | (HOLIDAY) | | |
| 22.07.19 | (Mon) | Implants in plastic surgery | Dr Gourav | Dr Vivek Gupta |
| 23.07.19 | (Tues) | Clinical case/ seminar | Dr Nikhil | Dr Lalit Choudhary |
| 24.07.19 | (Wed) | Malignant melanoma | Dr Pooja | Dr S.S. Gambhir |
| 25.07.19 | (Thur) | Journal Club | Dr Sudha | Dr Vivek Kumar |
| 26.07.19 | (Fri) | Flap marking/ operative video | Dr Pooja | Dr Bheem Nanda |
| 27.07.19 | (Sat) | Emergency case discussion/ short case | Dr Nakul | Dr Sasidhar Reddy |
| 28.07.19 | (Sun) | (HOLIDAY) | | |

| <i>Date</i> | <i>Day</i> | <i>Topic</i> | <i>Speaker</i> | <i>Moderator</i> |
|---------------|------------|--|------------------------|---|
| 29.07.19 | (Mon) | Chemical burns | Dr Gaurav | Dr Vivek Gupta |
| 30.07.19 | (Tues) | Vascular malformation | Dr Nikhil | Dr Anubhav Gupta |
| 31.07.19 | (Wed) | Bone grafting | Dr Nakul | Dr Vivek Kumar |
| <i>August</i> | | | | |
| 01.08.19 | (Thur) | Cleft palate drawing | Dr Gourav | Dr Lalit Choudhary |
| 02.08.19 | (Fri) | Flap marking/ operative video | Dr Nakul | Dr Bheem Nanda |
| 03.08.19 | (Sat) | Emergency case discussion/ short case | Dr Nikhil | Dr Vivek Kumar |
| 04.08.19 | (Sun) | (HOLIDAY) | | |
| 05.08.19 | (Mon) | Lip reconstruction | Dr Nikhil | Dr Vivek Kumar |
| 06.08.19 | (Tues) | Mandible fracture | Dr Pooja | Dr Vivek Gupta |
| 07.08.19 | (Wed) | Pressure sore | Dr Gaurav | Dr S.S. Gambhir |
| 08.08.19 | (Thur) | Journal Club | Dr Sudha | Dr Vivek Kumar |
| 09.08.19 | (Fri) | Emergency case discussion/ short case | Dr Gourav | Dr Bheem Nanda |
| 10.08.19 | (Sat) | Flap marking/ operative video | Dr Nakul | Dr Lalit Choudhary |
| 11.08.19 | (Sun) | (HOLIDAY) | | |
| 12.08.19 | (Mon) | Audit | Dr Gourav/ Dr Pooja | Dr S.S. Saha/ Dr Mahesh Mangal/ Dr Rajeev Ahuja |
| 13.08.19 | (Tues) | Hair transplant | Dr Nikhil | Dr Bheem Nanda |
| 14.08.19 | (Wed) | Ward procedure | Dr Gaurav | Dr S.S. Gambhir |
| 15.08.19 | (Thur) | HOLIDAY (INDEPENDENCE DAY) | | |
| 16.08.19 | (Fri) | Clinical case/ seminar | Dr Sudha | Dr Lalit Choudhary |
| 17.08.19 | (Sat) | Gender identity disorder | Dr Pooja | Dr Vivek Kumar |
| 18.08.19 | (Sun) | (HOLIDAY) | | |
| 19.08.19 | (Mon) | Cleft lip drawing | Dr Nikhil | Dr Bheem Nanda |
| 20.08.19 | (Tues) | Clinical case/ seminar | Dr Sudha | Dr S.S. Gambhir |
| 21.08.19 | (Wed) | Maxilla fracture | Dr Pooja | Dr Anubhav Gupta |
| 22.08.19 | (Thur) | Journal Club | Dr Gourav | Dr Vivek Kumar |
| 23.08.19 | (Fri) | Flap marking/ operative video | Dr Nikhil | Dr Himanshu Jain |
| 24.08.19 | (Sat) | Emergency case discussion/ short case | Dr Gourav | Dr Vivek Gupta |
| 25.08.19 | (Sun) | (HOLIDAY) | | |
| 26.08.19 | (Mon) | Clinical case/ seminar | Dr Pooja | Dr Anubhav Gupta |
| 27.08.19 | (Tues) | Clinical case/ seminar | Dr Gourav | Dr S.S. Gambhir |
| 28.08.19 | (Wed) | Limb cross-section drawing | Dr Nakul | Dr Anubhav Gupta |
| 29.08.19 | (Thur) | Journal Club | Dr Sudha | Dr Vivek Kumar |

| <i>Date</i> | <i>Day</i> | <i>Topic</i> | <i>Speaker</i> | <i>Moderator</i> |
|------------------|------------|--|------------------------|---|
| 30.08.19 | (Fri) | Emergency case discussion/ short case | Dr Nikhil | Dr Bheem Nanda |
| 31.08.19 | (Sat) | Flap marking/ operative video | Dr Gaurav | Dr Vivek Gupta |
| September | | | | |
| 01.09.19 | (Sun) | (HOLIDAY) | | |
| 02.09.19 | (Mon) | Flap marking/ operative video | Dr Pooja | Dr Lalit Choudhary |
| 03.09.19 | (Tues) | Flexor tendon injury | Dr Gourav | Dr Anubhav Gupta |
| 04.09.19 | (Wed) | Clinical case/ seminar | Dr Nakul | Dr Vivek Gupta |
| 05.09.19 | (Thur) | Breast augmentation | Dr Nikhil | Dr S.S. Gambhir |
| 06.09.19 | (Fri) | Journal Club | Dr Sudha | Dr Vivek Kumar |
| 07.09.19 | (Sat) | Flap marking/ operative video | Dr Nakul | Dr Lalit Choudhary |
| 08.09.19 | (Sun) | (HOLIDAY) | | |
| 09.09.19 | (Mon) | Audit | Dr Gourav/ Dr Pooja | Dr S.S. Saha/ Dr Mahesh Mangal/ Dr Rajeev Ahuja |
| 10.09.19 | (Tues) | Emergency case discussion/ short case | Dr Gaurav | Dr Vivek Gupta |
| 11.09.19 | (Wed) | Anatomy of extension finger application | Dr Nikhil | Dr Bheem Nanda |
| 12.09.19 | (Thur) | Breast reduction | Dr Pooja | Dr Lalit Choudhary |
| 13.09.19 | (Fri) | Anatomy of breast | Dr Nakul | Dr S.S. Gambhir |
| 14.09.19 | (Sat) | Emergency case discussion/ short case | Dr Gaurav | Dr Vivek Gupta |
| 15.09.19 | (Sun) | (HOLIDAY) | | |
| 16.09.19 | (Mon) | Flap marking/ operative video | Dr Pooja | Dr Vivek Kumar |
| 17.09.19 | (Tues) | Journal Club | Dr Sudha | Dr Anubhav Gupta |
| 18.09.19 | (Wed) | Clinical case/ seminar | Dr Nikhil | Dr Vivek Kumar |
| 19.09.19 | (Thur) | Cross-section leg and thigh | Dr Gourav | Dr Vivek Gupta |
| 20.09.19 | (Fri) | Journal Club | Dr Pooja | Dr S.S. Gambhir |
| 21.09.19 | (Sat) | Flap marking/ operative video | Dr Nakul | Dr Lalit Choudhary |
| 22.09.19 | (Sun) | (HOLIDAY) | | |
| 23.09.19 | (Mon) | Emergency case discussion/ short case | Dr Gaurav | Dr Himanshu |
| 24.09.19 | (Tues) | Extensor tendon injury | Dr Nikhil | Dr Vivek Kumar |
| 25.09.19 | (Wed) | Clinical case/ seminar | Dr Gourav | Dr Vivek Gupta |
| 26.09.19 | (Thur) | Brachial plexus anatomy | Dr Sudha | Dr Lalit Choudhary |
| 27.09.19 | (Fri) | Journal Club | Dr Nakul | Dr Anubhav Gupta |
| 28.09.19 | (Sat) | Emergency case discussion/ short case | Dr Pooja | Dr Vivek Gupta |

| <i>Date</i> | <i>Day</i> | <i>Topic</i> | <i>Speaker</i> | <i>Moderator</i> |
|----------------|------------|--|------------------------|--|
| 29.09.19 | (Sun) | (HOLIDAY) | | |
| 30.09.19 | (Mon) | Flap marking/ operative video | Dr Gaurav | Dr S.S. Gambhir |
| October | | | | |
| 01.10.19 | (Tues) | Lasers | Dr Nikhil | Dr Anubhav Gupta |
| 02.10.19 | (Wed) | HOLIDAY (GANDHI JAYANTI) | | |
| 03.10.19 | (Thur) | Examination of foot | Dr Pooja | Dr S.S. Gambhir |
| 04.10.19 | (Fri) | Journal Club | Dr Sudha | Dr Lalit Choudhary |
| 05.10.19 | (Sat) | Flap marking/ operative video | Dr Nakul | Dr Bheem Nanda |
| 06.10.19 | (Sun) | HOLIDAY (SUNDAY) | | |
| 07.10.19 | (Mon) | Emergency case discussion/ short case | Dr Pooja | Dr Vivek Gupta |
| 08.10.19 | (Tues) | HOLIDAY (DUSSEHRA) | | |
| 09.10.19 | (Wed) | Clinical case/ seminar | Dr Nikhl | Dr Anubhav Gupta |
| 10.10.19 | (Thur) | Clinical evaluation of nerves | Dr Gourav | Dr Vivek Gupta |
| 11.10.19 | (Fri) | Journal Club | Dr Pooja | Dr Vivek Kumar |
| 12.10.19 | (Sat) | Emergency case discussion/ short case | Dr Nakul | Dr S.S. Gambhir |
| 13.10.19 | (Sun) | (HOLIDAY) | | |
| 14.10.19 | (Mon) | Audit | Dr Gourav/ Dr Pooja | Dr Mangal/ Dr S.S. Saha/ Dr Rajeev Ahuja |
| 15.10.19 | (Tues) | Flap marking/ operative video | Dr Gaurav | Dr Lalit Choudhary |
| 16.10.19 | (Wed) | Skin anatomy | Dr Pooja | Dr Bheem Nanda |
| 17.10.19 | (Thur) | Anatomy of tendon | Dr Gourav | Dr Lalit Choudhary |
| 18.10.19 | (Fri) | Breast reconstruction | Dr Pooja | Dr S.S. Gambhir |
| 19.10.18 | (Sat) | Cross-section forearm and arm | Dr Nikhil | Dr Vivek Gupta |
| 20.10.19 | (Sun) | (HOLIDAY) | | |
| 21.10.19 | (Mon) | Emergency case discussion/ short case | Dr Gaurav | Dr Vivek Kumar |
| 22.10.19 | (Tues) | Brachial plexus | Dr Sudha | Dr Himashu |
| 23.10.19 | (Wed) | Clinical case/ seminar | Dr Nikhil | Dr Vivek Kumar |
| 24.10.19 | (Thur) | Dressing materials | Dr Gourav | Dr Lalit Choudhary |
| 25.10.19 | (Fri) | Journal Club | Dr Pooja | Dr Bheem Nanda |
| 26.10.19 | (Sat) | Emergency case discussion/ short case | Dr Nakul | Dr Vivek Gupta |
| 27.10.19 | (Sun) | (HOLIDAY) | | |
| 28.10.19 | (Mon) | Flap marking/ operative video | Dr Gaurav | Dr S.S. Gambhir |
| 29.10.19 | (Tues) | Scar healing | Dr Sudha | Dr Himashu |
| 30.10.19 | (Wed) | Clinical case/ seminar | Dr Nikhil | Dr Lalit Choudhary |
| 31.10.19 | (Thur) | Stem cell | Dr Gaurav | Dr Bheem Nanda |

| <i>Date</i> | <i>Day</i> | <i>Topic</i> | <i>Speaker</i> | <i>Moderator</i> |
|-----------------|------------|--|------------------------|---|
| November | | | | |
| 01.11.19 | (Fri) | Emergency case discussion/ short case | Dr Pooja | Dr Bheem Nanda |
| 02.11.19 | (Sat) | Flap marking/ operative video | Dr Sudha | Dr S.S. Gambhir |
| 03.11.19 | (Sun) | (HOLIDAY) | | |
| 04.11.19 | (Mon) | Lip reconstruction | Dr Gourav | Dr Vivek Gupta |
| 05.11.19 | (Tues) | Clinical case/ seminar | Dr Nikhil | Dr Bheem Nanda |
| 06.11.19 | (Wed) | Mandible fracture | Dr Pooja | Dr Anubhav Gupta |
| 07.11.19 | (Thur) | Journal Club | Dr Sudha | Dr Vivek Kumar |
| 08.11.19 | (Fri) | Flap marking/ operative video | Dr Gourav | Dr Himanshu |
| 09.11.19 | (Sat) | Emergency case discussion/ short case | Dr Sudha | Dr Vivek Gupta |
| 10.11.19 | (Sun) | (HOLIDAY) | | |
| 11.11.19 | (Mon) | Audit | Dr Gourav/ Dr Pooja | Dr S.S. Saha/ Dr Mahesh Mangal/ Dr Rajeev Ahuja |
| 12.11.19 | (Tues) | Cleft lip drawing | Dr Gourav | Dr Bheem Nanda |
| 13.11.19 | (Wed) | VPI | Dr Nakul | Dr Anubhav Gupta |
| 14.11.19 | (Thur) | Journal Club | Dr Sudha | Dr Vivek Gupta |
| 15.11.19 | (Fri) | Flap marking/ operative video | Dr Gourav | Dr Bheem Nanda |
| 16.11.19 | (Sat) | Emergency case discussion/ short case | Dr Nikhil | Dr Vivek Kumar |
| 17.11.19 | (Sun) | (HOLIDAY) | | |
| 18.11.19 | (Mon) | Cleft palate drawing | Dr Pooja | Dr Lalit Choudhary |
| 19.11.19 | (Tues) | Cartilage graft | Dr Nikhil | Dr Anubhav Gupta |
| 20.11.19 | (Wed) | Wound healing | Dr Gaurav | Dr Himanshu |
| 21.11.19 | (Thur) | Flap marking/ operative video | Dr Nikhil | Dr Bheem Nanda |
| 22.11.19 | (Fri) | Emergency case discussion/ Short case | Dr Pooja | Dr Vivek Kumar |
| 23.11.19 | (Sat) | Journal Club | Dr Sudha | Dr Lalit Choudhary |
| 24.11.19 | (Sun) | (HOLIDAY) | | |
| 25.11.19 | (Mon) | Limb cross-section drawing | Dr Nakul | Dr Anubhav Gupta |
| 26.11.19 | (Tues) | Cartilage graft | Dr Pooja | Dr S.S. Gambhir |
| 27.11.19 | (Wed) | Emergency case discussion/ short case | Dr Nikhil | Dr Bheem Nanda |
| 28.11.19 | (Thur) | Flap marking/ operative video | Dr Pooja | Dr Vivek Gupta |
| 29.11.19 | (Fri) | Bone graft | Dr Nikhil | Dr S.S. Gambhir |
| 30.11.19 | (Sat) | Clinical evaluation of nerves | Dr Gourav | Dr Vivek Kumar |

| <i>Date</i> | <i>Day</i> | <i>Topic</i> | <i>Speaker</i> | <i>Moderator</i> |
|-----------------|------------|--|------------------------|---|
| December | | | | |
| 01.12.19 | (Sun) | (HOLIDAY) | | |
| 02.12.19 | (Mon) | Long case—PBC face and hand | Dr Nikhil | Dr Lalit Choudhary |
| 03.12.19 | (Tues) | Photography in plastic surgery | Dr Gourav | Dr Vivek Gupta |
| 04.12.19 | (Wed) | Flap marking/ operative video | Dr Pooja | Dr S.S. Gambhir |
| 05.12.19 | (Thur) | Journal Club | Dr Nikhil | Dr Vivek Kumar |
| 06.12.19 | (Fri) | Flap marking/ operative video | Dr Nakul | Dr Bheem Nanda |
| 07.12.19 | (Sat) | Emergency case discussion/ short case | Dr Sudha | Dr Lalit Choudhary |
| 08.12.19 | (Sun) | (HOLIDAY) | | |
| 09.12.19 | (Mon) | Audit | Dr Gourav/ Dr Pooja | Dr S.S. Saha/ Dr Mahesh Mangal/ Dr Rajeev Ahuja |
| 10.12.19 | (Tues) | Anatomy of extension finger application | Dr Pooja | Dr Himanshu Gupta |
| 11.12.19 | (Wed) | Emergency case discussion/ short case | Dr Nakul | Dr Anubhav Gupta |
| 12.12.19 | (Thur) | Flap marking/ operative video | Dr Sudha | Dr Vivek Kumar |
| 13.12.19 | (Fri) | Emergency case discussion/ short case | Dr Pooja | Dr Lalit Choudhary |
| 14.12.19 | (Sat) | Cross-section forearm and arm | Dr Nikhil | Dr Vivek Gupta |
| 15.12.19 | (Sun) | (HOLIDAY) | | |
| 16.12.19 | (Mon) | Long case—nose defect case | Dr Nakul | Dr Vivek Gupta |
| 17.12.19 | (Tues) | Journal Club | Dr Sudha | Dr Bheem Nanda |
| 18.12.19 | (Wed) | Flap marking/ operative video | Dr Nikhil | Dr S.S. Gambhir |
| 19.12.19 | (Thur) | Brachial plexus anatomy | Dr Nakul | Dr Lalit Choudhary |
| 20.12.19 | (Fri) | Flap geometry | Dr Gaurav | Dr Anubhav Gupta |
| 21.12.19 | (Sat) | Flap marking/ operative video | Dr Pooja | Dr Vivek Gupta |
| 22.12.19 | (Sun) | (HOLIDAY) | | |
| 23.12.19 | (Mon) | Clinical case/ seminar | Dr Nikhil | Dr Anubhav Gupta |
| 24.12.19 | (Tues) | Implants in plastic surgery | Dr Gourav | Dr Vivek Gupta |
| 25.12.19 | (Wed) | (HOLIDAY) (CHRISTMAS DAY) | | |
| 26.12.19 | (Thur) | Journal Club | Dr Sudha | Dr Vivek Kumar |
| 27.12.19 | (Fri) | Flap marking/ operative video | Dr Nakul | Dr Vivek Gupta |
| 28.12.19 | (Sat) | Emergency case discussion/ short case | Dr Gourav | Dr Lalit Choudhary |
| 29.12.19 | (Sun) | (HOLIDAY) | | |
| 30.12.19 | (Mon) | Cross-section forearm and arm | Dr Pooja | Dr Vivek Gupta |
| 31.12.19 | (Tues) | Clinical case/ seminar | Dr Nikhil | Dr Anubhav Gupta |

Chairperson: Dr ANITA MAHAJAN

Teaching Coordinator: Dr SOUMYA TANDON

Teaching Schedule

| | |
|--|--|
| Psychiatry seminar (Clinical Psychiatry) | 9:30 a.m.–10:30 a.m., 2nd and 4th Monday every month |
| Psychology Seminars for Psychology Interns | 2 p.m.–3 p.m., Tuesday |
| Journal Club | 1st Monday every month |
| Clinical Case Discussion | 11 a.m.–12 noon, Monday–Saturday |
| Case Conference | 10 a.m.–11 a.m., Thursday |

Lectures

| | | | |
|------------------|------------------|-------------------|-----------------|
| Monday: | Dr Anita Mahajan | Wednesday: | Dr Rajesh Goyal |
| Thursday: | Dr Soumya Tandon | Friday: | Dr Rajiv Mehta |

Psychiatry Seminar (Clinical Psychiatry)

Time: 9:30 a.m.–10:30 a.m., 2nd and 4th Monday every month

| <i>Date</i> | <i>Topic</i> | <i>Moderator</i> |
|-------------|--|------------------|
| 08.07.19 | Neural development and neurogenesis: Implications for psychiatric disorders | Dr Anita Mahajan |
| 22.07.19 | Functional neuroanatomy of the limbic system: Role in psychiatric disorders | Dr Rajesh Goyal |
| 12.08.19 | Monoamine neurotransmitters and its relevance to psychiatric disorders | Dr Rajeev Mehta |
| 26.08.19 | Concept and evolution of psychiatric classificatory systems | Dr Soumya Tandon |
| 09.09.19 | Basic neuroscience of sleep and its relevance to psychiatry disorders | Dr Anita Mahajan |
| 23.09.19 | Antipsychotic medications in schizophrenia: A review | Dr Rajesh Goyal |
| 14.10.19 | Assessment and management of agitation and aggression in emergency settings: An overview | Dr Rajeev Mehta |

| <i>Date</i> | <i>Topic</i> | <i>Moderator</i> |
|-------------|--|------------------|
| 28.10.19 | Psychotropics in pregnancy: An overview | Dr Soumya Tandon |
| 11.11.19 | Psychiatric phenotype of anti-NMDA receptor encephalitis | Dr Anita Mahajan |
| 25.11.19 | Cannabis and the current state of treatment for cannabis use disorders | Dr Rajesh Goyal |
| 09.12.19 | Pharmacogenetics in psychiatric care | Dr Rajeev Mehta |
| 23.12.19 | Preventive psychiatry: Current status | Dr Soumya Tandon |

Psychology Seminars for Psychology Interns

Time: 2 p.m.–3 p.m., Tuesday

| <i>Date</i> | <i>Topic</i> |
|-------------|---|
| 02.07.19 | Jean Piaget and his contributions |
| 09.07.19 | Attachment theory |
| 16.07.19 | Learning theory |
| 23.07.19 | Aggression |
| 30.07.19 | Sociobiology and ethology |
| 06.08.19 | Anthropology |
| 13.08.19 | Emotional intelligence |
| 20.08.19 | Clinical neuropsychological testing of intelligence |
| 27.08.19 | Clinical neuropsychological testing of personality |
| 03.09.19 | Sigmund Freud |
| 10.09.19 | Erik Erikson |
| 17.09.19 | Interviewing skills in therapy |
| 24.09.19 | Principles of marital therapy |
| 01.10.19 | Principles of family therapy |
| 08.10.19 | Projective techniques |
| 15.10.19 | Social cognition |
| 22.10.19 | Ageing |
| 29.10.19 | Concept of normality |

Journal Club

1st Monday every month

Clinical Case Discussion

11 a.m.–12 noon, Monday–Saturday

Case Conference

9:30 a.m.–10:30 a.m., Thursday

Interdisciplinary Rounds

- **Clinical Combined Rounds:** Tuesday and Friday (11:30 a.m.–12:30 p.m.)
- **Radiology Class:** Thursday (2 p.m.–3 p.m.)
- **Neurology Case Discussion:** Friday (4 p.m.–5 p.m.)
- **Grand Medical Rounds:** Saturday (1:30 p.m.–2:30 p.m.)

DNB students are posted to the following departments for well-rounded development of diagnostic, therapeutic and liaison psychiatric skills:

| <i>Departments</i> | <i>Duration (Months)</i> |
|-----------------------------------|--------------------------|
| Ward/ OPD/ Emergency | 20 |
| Neurology | 2 |
| Internal Medicine | 2 |
| Consultation–liaison | 3 |
| Psychiatry Hospital/ Nursing Home | 1 |
| Clinical Psychology | 1 |
| Drug De-addiction | 2 |
| Child and Adolescent Psychiatry | 3 |
| Community Psychiatry | 2 |

- Thesis project review presentation by the resident.
- DNB students are encouraged to attend and present papers/posters at national psychiatric conferences, attend workshops and CMEs
- Residents are required to make a presentation carrying salient features of the academic conferences attended
- Log books to be maintained properly and signed monthly by consultants

Chairperson: Dr ARUP BASU

Teaching Coordinator: Dr UJJWAL PARAKH

Teaching Schedule

| | |
|--------------------------|---|
| Clinical Case Discussion | Friday (9 a.m.–10 a.m.)/ (2 p.m.–3 p.m.) as per schedule Twice a month |
| Bedside Teaching | Daily, during ward rounds |
| Seminar | 9 a.m.–10 a.m., Tuesday |
| Clinical Meeting | 11:30 a.m.–12:30 p.m. with other medical units on Tuesdays and Fridays |
| Journal Club | With other medical units |
| Clinical Grand Rounds | 10 a.m.–11 a.m., every Thursday |

Clinical Grand Rounds

Radiology class every Thursday (10 a.m.–11 a.m.)

Seminar

Time: 9 a.m.–10 a.m., Tuesday

| <i>S.No.</i> | <i>Topic</i> | <i>Presenter</i> |
|--------------|--|-------------------------------|
| 1. | Pulmonary manifestation in systemic sclerosis | Dr Fousin M. Latheef |
| 2. | Pulmonary manifestation in SLE and inflammatory myositis | Dr Stuti Gupta |
| 3. | Treatment of pulmonary arterial hypertension | Dr Mohsin D. Khan |
| 4. | Hypersensitivity pneumonitis | Dr Fousin M. Latheef |
| 5. | Coal workers' pneumoconiosis | Dr Swadip Mishra |
| 6. | GINA guidelines (2016) | Dr Shaikh Mateen Zahoor Ahmed |
| 7. | Phenotypes and management of bronchial asthma | Dr Stuti Gupta |
| 8. | Treatment of pulmonary arterial hypertension | Dr Swadip Mishra |
| 9. | Silicosis | Dr Shaikh Mateen Zahoor Ahmed |
| 10. | Sarcoidosis | Dr Fousin M. Latheef |

| <i>S.No.</i> | <i>Topic</i> | <i>Presenter</i> |
|--------------|--|-------------------------------|
| 11. | Management of acute exacerbation of bronchial asthma | Dr Mohsin D. Khan |
| 12. | Pathophysiology of bronchial asthma | Dr Shaikh Mateen Zahoor Ahmed |
| 13. | Pulmonary manifestation in Sjogren and management of pulmonary manifestations in CTD | Dr Swadip Mishra |
| 14. | Pulmonary vasculitis-II | Dr Stuti Gupta |
| 15. | Sarcoidosis | Dr Mohsin D. Khan |
| 16. | Bronchodilator therapy | Dr Fousin M. Latheef |
| 17. | Landmark trial in management of bronchial asthma | Dr Stuti Gupta |
| 18. | Pulmonary vasculitis-I | Dr Shaikh Mateen Zahoor Ahmed |
| 19. | Coal workers' pneumoconiosis | Dr Swadip Mishra |
| 20. | Bronchodilator therapy | Dr Mohsin D. Khan |

The moderator of the seminar is decided on a monthly basis.

Chairperson: Dr K.K. SAXENA

Teaching Coordinator: Dr DEEPAK CHAWLA

Teaching Schedule

| | |
|--------------------------------|---|
| Clinical Meetings/ Conferences | Every 2nd and 4th Thursday |
| Seminars | 3 p.m.–4 p.m., Wednesday (Venue: Seminar Room) |
| Journal Club | 3 p.m.–4 p.m., Saturday (Venue: Seminar Room) |
| Spot Film Quiz | 3 p.m.–4 p.m., every Tuesday (Venue: Radiology Department) |
| CT/ MRI Film Reading | 3 p.m.–4 p.m., every Friday (Venue: Radiology Department) |

The 3-year DNB course in Radiodiagnosis is aimed at imparting training in both conventional radiology and modern imaging techniques so that the candidate is fully competent to practise, teach and do research in the broad discipline of radiology including ultrasonography, computed tomography, PET CT, nuclear imaging, and magnetic resonance imaging. On completing the course, a resident should be able to acquire a good basic knowledge of various subspecialties of radiology, to independently conduct and interpret all routine and special radiological and imaging investigations.

The training is spread over 3 years and includes the following components:

1. Rotational posting in various subspecialties.
2. Seminars, Case discussions, Journal Clubs, Film quizzes.
3. Research methodology and dissertation.

Requirements

A log book will be maintained by each resident in which he/she is required to record investigations performed independently, case discussions, Journal Clubs and seminars presented. The log book will be signed by the respective consultant at the end of each rotation and will be presented to external examiners at the time of the final examination.

Attendance

A minimum attendance of 75% is needed in all postings in various subspecialties.

Academic Programme

Weekly seminars, Journal Clubs and case discussions will be held where the residents are required to prepare pre-selected topics under the guidance of a consultant and present it to the full house. In addition, day-to-day assessment of performance of the procedure and reporting by the resident will be done by the consultants in various subspecialties. At the end of each posting, the resident will be assessed by a film quiz. Residents are also posted in the Department of Pathology to study specimens so as to correlate the gross morphology of pathological conditions with imaging features.

Clinical Meetings/Conferences

These are held regularly every 2nd and 4th Thursday. The consultants present cases of academic interest and discussions are held along with the clinician and pathologist. In addition, all residents are required to attend clinical meetings held every Tuesday and Friday.

Seminars

Time: 3 p.m.–4 p.m., Wednesday

Venue: Seminar Room

| <i>Date</i> | <i>Topic</i> | <i>Speaker</i> | <i>Moderator</i> |
|-------------|--|-------------------|------------------|
| 03.07.19 | Soft tissues changes seen on plain X-ray | Dr Biswajit | Dr Saxena |
| 10.07.19 | Imaging of a 50-year-old patient with haemoptysis | Dr Anju | Dr Chawla |
| 17.07.19 | Imaging in thromboembolism | Dr Amena | Dr Buxi |
| 24.07.19 | Embryology and radiological anatomy of GIT | Dr Anil | Dr Madhavi |
| 31.07.19 | Radiological procedures and methods related to GIT | Dr Biswajit | Dr Deeksha |
| 07.08.19 | Benign lesions of GIT | Dr Anju | Dr Seema |
| 14.08.19 | Malignant lesions of GIT | Dr Amena | Dr Aditi |
| 21.08.19 | Ulcerative lesions of GIT | Dr Anil | Dr Samarjeet |
| 28.08.19 | Inflammatory bowel disease | Dr Biswajit | Dr Arun |
| 04.09.19 | Radiology of GI bleed | Dr Anju | Dr Kishan |
| 11.09.19 | Acute abdomen | Dr Amena | Dr Anurag |
| 18.09.19 | Obstructive jaundice | Dr Anil | Dr Ajit |
| 25.09.19 | Portal hypertension | PG–I (Secondary) | Dr Shelly |
| 09.10.19 | Imaging of hepatobiliary system | PG–II (Secondary) | Dr Amit |
| 16.10.19 | Imaging in pancreatitis | PG–I (Primary) | Dr Swapnil |

| <i>Date</i> | <i>Topic</i> | <i>Speaker</i> | <i>Moderator</i> |
|-------------|---|-------------------|------------------|
| 23.10.19 | Tumours of the pancreas | PG-II (Primary) | Dr Salil |
| 30.10.19 | Cystic lesions of hepatobiliary system | Dr Anju | Dr Saxena |
| 06.11.19 | Neoplasms of liver CBD and GB | Dr Amena | Dr Chawla |
| 13.11.19 | Urinary tract: Anatomy and embryology | Dr Anil | Dr Buxi |
| 20.11.19 | Inflammatory lesions of the urinary tract | PG-I (Secondary) | Dr Deeksha |
| 27.11.19 | Cysts and neoplasms of the urinary tract | PG-II (Secondary) | Dr Seema |
| 04.12.19 | Soft tissues changes seen on plain X-ray | PG-I (Primary) | Dr Aditi |
| 11.12.19 | Renal vascular disease | PG-II (Primary) | Dr Samarjit |
| 18.12.19 | Imaging in breast | Dr Amena | Dr Madhavi |

Journal Club

Time: 3 p.m.–4 p.m, Saturday

Venue: Seminar Room

| <i>Date</i> | <i>Journal</i> | <i>Speaker</i> | <i>Moderator</i> |
|-------------|--|-------------------|------------------|
| 06.07.19 | <i>Radiographics</i> | Dr Amena | Dr Buxi |
| 13.07.19 | <i>Radiology</i> | Dr Anil | Dr Chawla |
| 20.07.19 | <i>American Journal of Roentgenology</i> | Dr Biswajit | Dr Saxena |
| 27.07.19 | <i>IJR</i> | Dr Anju | Dr Madhavi |
| 03.08.19 | <i>Radiographics</i> | Dr Amena | Dr Deeksha |
| 10.08.19 | <i>Radiology</i> | Dr Anil | Dr Seema |
| 17.08.19 | <i>American Journal of Roentgenology</i> | Dr Biswajit | Dr Aditi |
| 31.08.19 | <i>IJR</i> | Dr Anju | Dr Samarjeet |
| 07.09.19 | <i>Radiographics</i> | Dr Amena | Dr Arun |
| 14.09.19 | <i>Radiology</i> | Dr Anil | Dr Kishan |
| 21.09.19 | <i>American Journal of Roentgenology</i> | PG-I (Secondary) | Dr Anurag |
| 28.09.19 | <i>IJR</i> | PG-II (Secondary) | Dr Ajit |
| 05.10.19 | <i>Radiographics</i> | PG-I (Primary) | Dr Shelly |
| 12.10.19 | <i>Radiology</i> | PG-II (Primary) | Dr Amit |
| 19.10.19 | <i>American Journal of Roentgenology</i> | Dr Anju | Dr Swapnil |
| 26.10.19 | <i>IJR</i> | Dr Amena | Dr Salil |
| 02.11.19 | <i>Radiographics</i> | Dr Anil | Dr Buxi |

| <i>Date</i> | <i>Journal</i> | <i>Speaker</i> | <i>Moderator</i> |
|-------------|--|-------------------|------------------|
| 09.11.19 | <i>Radiology</i> | PG-I (Secondary) | Dr Chawla |
| 16.11.19 | <i>American Journal of Roentgenology</i> | PG-II (Secondary) | Dr Saxena |
| 23.11.19 | <i>IJR</i> | PG-I (Primary) | Dr Madhavi |
| 30.11.19 | <i>Radiographics</i> | PG-II (Primary) | Dr Deeksha |
| 07.12.19 | <i>Radiology</i> | Dr Amena | Dr Seema |
| 14.12.19 | <i>American Journal of Roentgenology</i> | Dr Anil | Dr Aditi |
| 21.12.19 | <i>IJR</i> | PG-I (Secondary) | Dr Samarjeet |
| 28.12.19 | <i>Radiographics</i> | PG-II (Secondary) | Dr Arun |

Spot Film Quiz

Time: 3 p.m.–4 p.m., every Tuesday

Venue: Radiology Department

CT/MRI Film Reading

Time: 3 p.m.–4 p.m., every Friday

Venue: Radiology Department

Chairperson: Dr HARSHA JAUHARI

The Department of Renal Transplant Surgery has been in existence since 1988 and has conducted over 4000 successful live-donated and cadaveric renal transplants. It has also conducted cadaveric kidney transplants. It has a number of 'firsts' to its credit, e.g. the introduction of CAPD in India. and has now conducted CAPDs in over 3250 patients till date. There are no postgraduate students in the department and therefore there is no formal teaching programme. However, the department participates in and conducts lectures/ seminars and has informal teaching sessions for PGs in the Departments of Nephrology, Urology and Surgery.

Dr H. Jauhari has been appointed coordinator for conducting an interactive hands-on course on the art of surgery and basic surgical skills for DNB and post-fellowship students of all surgical specialties.

Interactive training programme on the 'Art of Surgery'

Each session will consist of two parts:

A. Concepts and attitudes: An audiovisual presentation on the following topics:

1. Introduction to the concept of the 'Art of Surgery'
2. Surgical department and opinions—'I think, therefore I am'
3. Conceptualization and visualization of an operation
4. The OT—sterilization techniques, conduct consistent with sterilization techniques. Effective scrubbing—'When you think you have scrubbed enough scrub once more'
5. Know your instruments: Plan your operation
6. Anaesthesia and the surgeon
7. Surgery and the anaesthetist
8. Panic and the surgeon—'to fuse or defuse'
9. Sudden, massive, unexpected haemorrhage
10. Time-saving techniques—make haste slowly
11. Join the race or get left behind—staying abreast
12. Tissue handling—'gently does it'
13. Ward procedure skills
14. The art of assistance—'standing beside you'
15. Self-doubt, self-audit, self-reliance—optimizing the competence/ confidence ratio. 'This above all—to thine own self be true'
16. Polytrauma
17. Hand-eye coordination
18. Approach to a child as a surgical patient
19. Approach to a woman as a surgical patient
20. Approach to selecting a suitable incision
21. Ward procedure skills

22. Biopsy—how to take a slice
23. Ultrasound in the OT—vascular/ non-vascular

B. The surgeon and his tools

‘Give me the tools and I will finish the job.’

1. Knives and blades—slicing through
2. Needles—making a point
3. Scissors—the cutting edge
4. Needle holders—holding on
5. Forceps and other instruments
6. Sutures and knots—all sewn up
7. Ambidexterity—a game that two can play
8. Stumps—tied up in knots
9. Catheters and drains
10. Painting, draping and positioning
11. Dressings
12. Anastomosis
13. Cautery

- The order of topics covered may be changed with prior notice.
- Students of all surgical disciplines are expected to attend.
- Suggestions and additions to the above-mentioned topics are welcome.
- Interested consultants and registrars are also welcome to attend and participate.
- A dedicated OT skill centre has been opened based on the above course in the OT complex, for training and skill upgradation of all those involved in surgical specialties.

Advisor: Dr (LT GENERAL) VED CHATURVEDI

Chairperson: Dr LALIT DUGGAL

Vice-Chairperson & Teaching Coordinator: Dr NEERAJ JAIN

The Department of Rheumatology and Clinical Immunology has the following academic activities scheduled from July 2019 to December 2019.

The Department has been allotted a DNB seat from January 2014.

The department does two general OPDs per week. One specialized OPD each for Spondyloarthritis and Connective tissue diseases (CTD) and two Intra-articular injection clinics per month are also being done.

Daily Round

- 9:30 a.m.–11 a.m.
- 11 a.m.–12 a.m.

| Days | Weekly Activity |
|-------------------|--|
| Monday | General OPD (11 a.m.–12 noon) Unit-1 |
| Tuesday | Beside teaching (11 a.m.–12 noon) Unit-1 |
| Wednesday | Seminar (11 a.m.–12 noon) |
| Thursday | General OPD (11 a.m.–12 noon) Unit-2 |
| Friday | Beside teaching (11 a.m.–12 noon) Unit-2 |
| Saturday I and II | Journal Club |

- 12 Noon onwards: Self-study/ Private OPD observations
- Intra-articular injection:
 - 2nd and 4th Monday Unit-1
 - 4th Thursday Unit-2

| Days | Activity |
|-------------------|---|
| Tuesday | Beside teaching (11 a.m.–12 noon) Unit-1 |
| Wednesday | Seminar (11 a.m.–12 noon) (Adult and Paediatric Rheumatology) |
| Friday | Beside teaching (11 a.m.–12 noon) Unit-2 |
| Saturday I and II | Journal Club (11 a.m.–12 noon) |
| Saturday III | Rheumatology and Ophthalmology combined meeting (12 noon–1 p.m.) |

Venue: Rheumatology Office Room No. 2208A

Advisor: Dr SAMIRAN NUNDY

Chairperson: Dr SAUMITRA RAWAT

Teaching Coordinator: Dr AMITABH YADAV

Teaching Schedule

| | |
|--|---|
| Case Presentation/ Viva | Time: 8 a.m.–9 a.m., Wednesday (Venue: Seminar Room) |
| Journal Club | 8 a.m.–9 a.m., Thursday (Venue: Auditorium Hall B) |
| Topic Discussion/ Research Projects | 8 a.m.–9 a.m., Saturday (Venue: Auditorium Hall B) |

Brief Outline

The purpose of the programme is to train residents to manage patients with complex surgical disorders of the gastrointestinal tract, liver and pancreas. They will witness different operative procedures and there will be stress on the practical as well as the academic approach to such problems. The trainee will have to maintain good records, both paper and electronic, and should be able to derive messages as well as write papers after analysing these. The residents will also be exposed to liver transplantation procedures.

Requirements

Residents are expected to attend all ward rounds, operating sessions, lectures and seminars.

Case Presentation/Viva

Time: 8 a.m.–9 a.m., Wednesday

Venue: Seminar Room

Moderators: Dr Samiran Nundy/ Dr Saumitra Rawat/ Dr Suresh Singhvi/
Dr Amitabh Yadav/ Dr Naimish Mehta/ Dr Ushast Dhir/
Dr Shailendra Lalwani/ Dr Vivek Mangla

A formal case presentation is done to prepare the resident for the 'Long Case' in the clinical examination.

Journal Club

Time: 8 a.m.–9 a.m., Thursday

Venue: Auditorium Hall B

Moderators: Dr Samiran Nundy/ Dr Saumitra Rawat/ Dr Suresh Singhvi/
Dr Amitabh Yadav/ Dr Naimish Mehta/ Dr Ushast Dhir/
Dr Shailendra Lalwani/ Dr Vivek Mangla

The purpose of the Journal Club is to discuss recent advances in gastrointestinal surgery and train the resident to discriminate between good and bad medical literature. A resident discusses two interesting articles from a journal assigned a week earlier. The articles are first summarized in a structured manner (background, methods, results and conclusions). The work is then critically assessed according to whether it is original, the methods appropriate and conclusions valid, whether the message is important and whether the department should change its management policies as a result of the publication.

Topic Discussion/Research Projects

Time: 8 a.m.–9 a.m., Saturday

Venue: Auditorium Hall B

Moderators: Dr Samiran Nundy/ Dr Saumitra Rawat/ Dr Suresh Singhvi/
Dr Amitabh Yadav/ Dr Naimish Mehta/ Dr Ushast Dhir/
Dr Shailendra Lalwani/ Dr Vivek Mangla

A topic for discussion is allotted to a resident two weeks in advance, which is usually related to a special problem encountered in the ward. The resident is expected to review the literature and provide a summary in 30 minutes from which a clear message can be drawn. The presentation is made using power point and projected using LCD projector.

Visiting GI Surgeon Round: On the 4th Thursday of the month we will try and invite a GI surgeon from another hospital to conduct the teaching programme and to take a ward round.

Radiology Meet: A discussion of various CT/ MRI/ contrast studies will be conducted by a consultant in Radiology Department once every 2 weeks. Time and venue is decided as per availability.

Academic Schedule

| <i>Date</i> | <i>Day</i> | <i>Topic</i> | <i>Speaker</i> | <i>Moderator</i> |
|-------------|------------|----------------------------|----------------|-----------------------|
| 03.07.19 | (Wed) | Clinical case presentation | Manish | Dr Shailendra Lalwani |
| 04.07.19 | (Thur) | Journal Club | Lalith | Dr Ushast Dhir |
| 06.07.19 | (Sat) | Topic presentation | Suresh | Dr Shailendra Lalwani |
| 10.07.19 | (Wed) | Clinical case presentation | Subhashish | Dr Arshid |

LIVER TRANSPLANT UNIT

| <i>Date</i> | <i>Day</i> | <i>Topic</i> | <i>Speaker</i> | <i>Moderator</i> |
|-------------|------------|----------------------------|----------------|-----------------------|
| 11.07.19 | (Thur) | Journal Club | Praveen | Dr Amitabh Yadav |
| 13.07.19 | (Sat) | Topic presentation | Mayank | Dr Suresh Singhvi |
| 17.07.19 | (Wed) | Clinical case presentation | Suresh | Dr Vivek Mangla |
| 18.07.19 | (Thur) | Journal Club | Ravi | Dr Shailendra Lalwani |
| 20.07.19 | (Sat) | Topic presentation | Subhashish | Dr Amitabh Yadav |
| 24.07.19 | (Wed) | Clinical case presentation | Srinivas | Dr Shailendra |
| 25.07.19 | (Thur) | Journal Club | Vikash | Dr Vivek Mangla |
| 27.07.19 | (Sat) | Topic presentation | Lalith | Dr Naimish Mehta |
| 31.07.19 | (Wed) | Clinical case presentation | Suresh | Dr Vivek Mangla |
| 01.08.19 | (Thur) | Journal Club | Saumya | Dr Saumitra Rawat |
| 03.08.19 | (Sat) | Topic presentation | Manish | Dr Ushast Dhir |
| 07.08.19 | (Wed) | Clinical case presentation | Suresh | Dr Arshid |
| 08.08.19 | (Thru) | Journal Club | Mayank | Dr Suresh Singhvi |
| 10.08.19 | (Sat) | Topic presentation | Praveen | Dr Saumitra Rawat |
| 14.08.19 | (Wed) | Clinical case presentation | Subhashish | Dr Shailendra Lalwani |
| 15.08.19 | (Thur) | HOLIDAY | | |
| 17.08.19 | (Sat) | Topic presentation | Srinivas | Dr Amitabh Yadav |
| 21.08.19 | (Wed) | Clinical case presentation | Subhashish | Dr Shailendra Lalwani |
| 22.08.19 | (Thru) | Journal Club | Vikas | Dr Ushast Dhir |
| 24.08.19 | (Sat) | Topic presentation | Saumya | Dr Saumitra Rawat |
| 28.08.19 | (Wed) | Clinical case presentation | Subhashish | Dr Shailendra Lalwani |
| 29.08.19 | (Thur) | Journal Club | Lalith | Dr Naimish Mehta |
| 31.08.19 | (Sat) | Topic presentation | Ravi | Dr Suresh Singhvi |
| 04.09.19 | (Wed) | Clinical case presentation | Srinivas | Dr Arshid |
| 05.09.19 | (Thur) | Journal Club | Praveen | Dr Amitabh Yadav |
| 07.09.19 | (Sat) | Topic presentation | Vikas | Dr Vivek Mangla |
| 11.09.19 | (Wed) | Clinical case presentation | Srinivas | Dr Shailendra Lalwani |
| 12.09.19 | (Thur) | Journal Club | Ravi | Dr Shailendra Lalwani |

**SURGICAL GASTROENTEROLOGY AND
LIVER TRANSPLANT UNIT**

| <i>Date</i> | <i>Day</i> | <i>Topic</i> | <i>Speaker</i> | <i>Moderator</i> |
|-------------|------------|----------------------------|----------------|-----------------------|
| 14.09.19 | (Sat) | Topic presentation | Manish | Dr Naimish Mehta |
| 18.09.19 | (Wed) | Clinical case presentation | Subhashish | Dr Shailendra Lalwani |
| 19.09.19 | (Thur) | Journal Club | Praveen | Dr Vivek Mangla |
| 21.09.19 | (Sat) | Topic presentation | Subhashish | Dr Ushast Dhir |
| 25.09.19 | (Wed) | Clinical case presentation | Manish | Dr Vivek Mangla |
| 26.09.19 | (Thur) | Journal Club | Mayank | Dr Saumitra Rawat |
| 28.09.19 | (Sat) | Topic presentation | Suresh | Dr Shailendra Lalwani |
| 02.10.19 | (Wed) | Clinical case presentation | Suresh | Dr Shailendra Lalwani |
| 03.10.19 | (Thur) | Journal Club | Lalith | Dr Suresh Singhvi |
| 05.10.19 | (Sat) | Topic presentation | Vikas | Dr Vivek Mangla |
| 09.10.19 | (Wed) | Clinical case presentation | Srinivas | Dr Arshid |
| 10.10.19 | (Thur) | Journal Club | Mayank | Dr Ushast Dhir |
| 12.10.19 | (Sat) | Topic presentation | Saumya | Dr Amitabh Yadav |
| 16.10.19 | (Wed) | Clinical case presentation | Suresh | Dr Shailendra Lalwani |
| 17.10.19 | (Thur) | Journal Club | Praveen | Dr Amitabh Yadav |
| 19.10.19 | (Sat) | Topic presentation | Subhashish | Dr Naimish Mehta |
| 23.10.19 | (Wed) | Clinical case presentation | Srinivas | Dr Shailendra Lalwani |
| 24.10.19 | (Thur) | Journal Club | Lalith | Dr Naimish Mehta |
| 26.10.19 | (Sat) | Topic presentation | Ravi | Dr Suresh Singhvi |
| 30.10.19 | (Wed) | Clinical case presentation | Vikas | Dr Vivek Mangla |
| 31.10.19 | (Thur) | Journal Club | Saumya | Dr Shailendra Lalwani |
| 02.11.19 | (Sat) | Topic presentation | Praveen | Dr Ushast Dhir |
| 06.11.19 | (Wed) | Clinical case presentation | Subhashish | Dr Shailendra Lalwan |
| 07.11.19 | (Thur) | Journal Club | Ravi | Dr Vivek Mangla |
| 09.11.19 | (Sat) | Topic presentation | Srinivas | Dr Shailendra Lalwani |
| 13.11.19 | (Wed) | Clinical case presentation | Suresh | Dr Arshid |
| 14.11.19 | (Thur) | Journal Club | Vikas | Dr Soumitra Rawat |
| 16.11.19 | (Sat) | Topic presentation | Srinivas | Dr Amitabh Yadav |

LIVER TRANSPLANT UNIT

| <i>Date</i> | <i>Day</i> | <i>Topic</i> | <i>Speaker</i> | <i>Moderator</i> |
|-------------|------------|----------------------------|----------------|-----------------------|
| 20.11.19 | (Wed) | Clinical case presentation | Manish | Dr Naimish Mehta |
| 21.11.19 | (Thur) | Journal Club | Mayank | Dr Suresh Singhvi |
| 23.11.19 | (Sat) | Topic presentation | Lalith | Dr Shailendra Lalwani |
| 27.11.19 | (Wed) | Clinical case presentation | Suresh | Dr Shailendra Lalwani |
| 28.11.19 | (Thru) | Journal Club | Praveen | Dr Amitabh Yadav |
| 30.11.19 | (Sat) | Topic presentation | Saumya | Dr Vivek Mangla |

- Academic holidays from 1st June to 30th June 2019.
- Topic for presentation is selected at least 2 weeks prior to presentation.
- Journals are selected at least 1 week prior to discussion.

Ward Rounds

Unit-I

| <i>Day</i> | <i>Time</i> | <i>Day</i> | <i>Time</i> |
|------------|-------------------|------------|-------------------|
| Monday | 8 a.m./ 5 p.m. | Friday | 7:15 a.m./ 5 p.m. |
| Tuesday | 7:15 a.m./ 5 p.m. | Sunday | 9 a.m./ 5 p.m. |
| Wednesday | 9 a.m./ 5 p.m. | Saturday | 9 a.m./ 5 p.m. |
| Thursday | 9 a.m./ 5 p.m. | | |

Unit-II

Morning Round: 9:30 a.m.

Evening Round: 4 p.m.

Advisor: Dr (COL) S.K. CHADHA

Chairperson: Dr (PROF) ARVIND KUMAR

Teaching Coordinator: Dr BELAL BIN ASAF

Teaching Schedule

| | |
|---|---|
| Audit with Morbidity and Mortality meeting with Subject Seminar | Every Monday: 8:30 a.m.–10:30 a.m. (Venue: Room No. 1338, Thoracic Duty Room) |
| Journal Club/ Case Presentation | Every Third Friday: 8:30 a.m.–9:30 a.m. (Venue: Room No. 1338, Thoracic Duty Room) |

Brief Outline

The Department of Thoracic Surgery was started in the year 2012 under the dynamic leadership of Professor Arvind Kumar, formerly Professor of Surgery at the All India Institute of Medical Sciences, New Delhi.

SGRH is the first Institute in the country to start the DNB course in Thoracic Surgery as a separate sub-specialty. Currently the Department has 4 DNB residents and 5 DNB residents had already been trained and passed out.

Academic Schedule

| <i>Date</i> | <i>Day</i> | <i>Topic</i> | <i>Speaker</i> | <i>Moderator</i> |
|-------------|------------|---|----------------|--------------------|
| 01.07.19 | (Mon) | Principle of VATS surgery | Dr Vivek | Prof. Arvind Kumar |
| 05.07.19 | (Fri) | Role of pulmonary function test in a preoperative patient | Dr Srinivas | Dr Belal Bin Asaf |
| 08.07.19 | (Mon) | Postoperative pulmonary complications in a thoracic surgery patient | Dr Mitul | Dr H.V. Puri |
| 12.07.19 | (Fri) | Journal Club | Dr Sumit | Dr Belal Bin Asaf |
| 15.07.19 | (Mon) | Postoperative non-pulmonary complications in a thoracic surgery patient | Dr Mitul | Dr H.V. Puri |
| 22.07.19 | (Mon) | Thoracic incisions | Dr Vivek | Prof. Arvind Kumar |
| 26.07.19 | (Fri) | Approach to a patient with pleural effusion | Dr Vivek | Dr Belal Bin Asaf |

| <i>Date</i> | <i>Day</i> | <i>Topic</i> | <i>Speaker</i> | <i>Moderator</i> |
|-------------|------------|--|----------------|--------------------|
| 29.07.19 | (Mon) | Case presentation | Dr Mitul | Dr H.V. Puri |
| 05.08.19 | (Mon) | Acquired tracheo-oesophageal fistula | Dr Vivek | Prof. Arvind Kumar |
| 09.08.19 | (Fri) | Management of aspergilloma | Dr Mitul | Prof. Arvind Kumar |
| 12.08.19 | (Mon) | Bronchiectasis | Dr Srinivas | Dr Belal Bin Asaf |
| 19.08.19 | (Mon) | Case presentation | Dr Vivek | Dr Belal Bin Asaf |
| 26.08.19 | (Mon) | Lung transplantation: Current status in India | Dr Srinivas | Prof. Arvind Kumar |
| 30.08.19 | (Fri) | Lung transplantation: Technique | Dr Mitul | Dr Belal Bin Asaf |
| 02.09.19 | (Mon) | Role screening in lung cancer | Dr Vivek | Prof. Arvind Kumar |
| 06.09.19 | (Fri) | Journal Club | Dr Sumit | Dr Belal Bin Asaf |
| 12.09.19 | (Fri) | Lung cancer: Principles of surgical treatment | Dr Vivek | Dr Belal Bin Asaf |
| 16.09.19 | (Mon) | Lung cancer: Adjuvant therapy and recent modalities of treatment | Dr Srinivas | Dr Belal Bin Asaf |
| 20.09.19 | (Fri) | Management of haemoptysis | Dr Srinivas | Dr Belal Bin Asaf |
| 27.09.19 | (Fri) | Management of malignant pleural effusion | Dr Sumit | Dr H.V. Puri |
| 30.09.19 | (Mon) | Diagnosis and management of pleural empyema | Dr Mitul | Dr Belal Bin Asaf |
| 04.10.19 | (Fri) | Journal Club | Dr Srinivas | Prof. Arvind Kumar |
| 07.10.19 | (Mon) | Diagnosis and management of bronchopleural fistula | Dr Sumit | Prof. Arvind Kumar |
| 14.10.19 | (Mon) | Staging and management of mesothelioma | Dr Mitul | Dr Belal Bin Asaf |
| 18.10.19 | (Fri) | Aetiology, diagnosis and management of chylothorax | Dr Sumit | Dr H.V. Puri |
| 25.10.19 | (Mon) | Case presentation | Dr Mitul | Dr Belal Bin Asaf |
| 01.11.19 | (Fri) | Management of tracheal stenosis | Dr Srinivas | Prof. Arvind Kumar |
| 04.11.19 | (Mon) | Tracheal tumours | Dr Sumit | Prof. Arvind Kumar |
| 08.11.19 | (Fri) | Journal Club | Dr Srinivas | Dr Belal Bin Asaf |
| 18.11.19 | (Mon) | Classifications and management of chest wall tumours | Dr Srinivas | Dr H.V. Puri |

| <i>Date</i> | <i>Day</i> | <i>Topic</i> | <i>Speaker</i> | <i>Moderator</i> |
|-------------|------------|--|----------------|--------------------|
| 22.11.19 | (Fri) | Case presentation | Dr Mitul | Dr H.V. Puri |
| 25.11.19 | (Mon) | Management of chest wall deformity | Dr Sumit | Prof. Arvind Kumar |
| 29.11.19 | (Mon) | Management of thoracic outlet syndrome | Dr Mitul | Dr Belal Bin Asaf |
| 06.12.19 | (Fri) | Journal Club | Dr Vivek | Dr H.V. Puri |
| 09.12.19 | (Mon) | Management of diaphragmatic hernia | Dr Vivek | Prof. Arvind Kumar |
| 16.12.19 | (Mon) | Management of tracheo-bronchial injuries | Dr Sumit | Dr H.V. Puri |
| 20.12.19 | (Fri) | Case presentation | Dr Mitul | Prof. Arvind Kumar |
| 23.12.19 | (Mon) | Technical aspects of lung resection | Dr Vivek | Dr Belal Bin Asaf |
| 30.12.19 | (Mon) | Surgical steps of pneumonectomy | Dr Srinivas | Dr Belal Bin Asaf |

Advisor: Dr S.N. WADHWA

Chairperson: Dr SUDHIR KHANNA

Teaching Coordinator: Dr MANU GUPTA

Teaching Schedule

| | |
|---------------------------------|---|
| Seminar/ Case Discussion | 3 p.m.–4 p.m., Friday (Venue: Seminar Room) |
| Monthly Audit | 3 p.m.–4 p.m., 1st Tuesday of the month (Venue: Institute of Renal Sciences) |
| Journal Club | 3 p.m.–4 p.m., every 2nd and 4th Tuesday (Venue: Seminar Room) |

Urology is one of the super specialties with a very fast growth in instrumentation, innovation and practically applicable procedures. These procedures have yielded satisfying results for conditions relating to the entire genitourinary tract. Public awareness about this has placed an ever-growing demand on the knowledge and skills of practicing as well as trainee urologists. It is equally important for young trainees in surgery to keep abreast of the current concepts and newer developments, besides the basic principles of urology and time-tested conventional procedures.

The present programme aims at educating the trainee in upgrading his or her acumen and skills in the art and practice of urology with a rational approach. For the consultant, it aims at updating knowledge of the latest innovations and techniques in order to offer the best to the patient while monitoring and, where needed, rectifying patient care and teaching and training of the residents.

In spite of easy access to the literature and self-learning opportunities available today, more than ever before, there is a great need for bedside presentations and problem-based discussions, particularly for DNB trainee residents. With the DNB (Urology) having completed 18 years since inception, the lessons learnt has been utilized in the current Academic Programme. With an increasing number of complicated cases being referred which need special urological care, it is time to start a training programme for operation theatre personnel and nursing staff. Residents can be effectively utilized in this endeavour.

Seminar/Case Discussion

Time: 3 p.m.–4 p.m., Friday

Venue: Seminar Room, Room No. 1244

| <i>Date</i> | <i>Topic</i> | <i>Speaker</i> | <i>Moderator</i> |
|-------------|--|----------------|----------------------|
| 05.07.19 | Surgical anatomy, embryology of kidney and ureter | Dr Juhil | Dr Sudhir Khanna |
| 12.07.19 | Partial nephrectomy | Dr Jaspreet | Dr Ajay Sharma |
| 19.07.19 | Case discussion | Dr Tejas | Dr Sudhir Chadha |
| 02.08.19 | Ureteric injury and VVF management | Dr Sujoy | Dr P.N. Dogra |
| 09.08.19 | Techniques of robotic radical prostatectomy | Dr Jaspreet | Dr Manu Gupta |
| 16.08.19 | Case discussion | Dr Tejas | Dr Sachin Kathuria |
| 06.09.19 | Surgical anatomy, embryology of testis, penis, scrotum and urethra | SR-1 | Dr Vipin Tyagi |
| 13.09.19 | Case discussion | Dr Jaspreet | Dr Mrinal Pahwa |
| 20.09.19 | Techniques of urethroplasty | Dr Juhil | Dr Vikram Shah Batra |
| 04.10.19 | Urinary diversions | Dr Sujoy | Dr P.N. Dogra |
| 11.10.19 | Case discussion | Dr Tejas | Dr Manu Gupta |
| 08.11.19 | Techniques of robotic cystectomy | SR-2 | Dr Vipin Tyagi |
| 15.11.19 | Radiation cystitis—management | SR-3 | Dr Sachin Kathuria |
| 06.12.19 | Case discussion | Dr Jaspreet | Dr Amrendra Pathak |

Monthly Audit

Time: 3 p.m.–4 p.m., 1st Tuesday of the month

Venue: Seminar Room, Room No. 1244

| <i>Date</i> | <i>Day</i> | <i>Date</i> | <i>Day</i> |
|-------------|------------|-------------|------------|
| 04.06.19 | Tuesday | 03.09.19 | Tuesday |
| 02.07.19 | Tuesday | 07.10.19 | Monday |
| 06.08.19 | Tuesday | 05.11.19 | Tuesday |

Inter-departmental Meetings

Time: Friday

Venue: Seminar Room, Room No. 1244

| <i>Date</i> | <i>Topic</i> |
|-------------|------------------|
| 26.07.19 | Nuclear Medicine |
| 23.08.19 | Uro–Gastro meet |
| 27.09.19 | CT in Urology |
| 25.10.19 | Neuro–Urology |

Journal Club

Time: 3 p.m.–4 p.m., every 2nd and 4th Tuesday

Venue: Seminar Room, Room No. 1244

| <i>Date</i> | <i>Speaker</i> | <i>Moderator</i> |
|-------------|----------------|--------------------|
| 09.07.19 | Dr Sujoy | Dr Sudhir Khanna |
| 23.07.19 | Dr Tejas | Dr Ajay Sharma |
| 13.08.19 | Dr Pravin | Dr Sudhir Chadha |
| 27.08.19 | Dr Juhil | Dr P.N. Dogra |
| 10.09.19 | Dr Jaspreet | Dr Manu Gupta |
| 24.09.19 | Dr Sujoy | Dr Amrendra Pathak |
| 08.10.19 | Dr Juhil | Dr Sachin Kathuria |
| 22.10.19 | Dr Jaspreet | Dr Vipin Tyagi |

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