

PDCC SURGICAL ONCOPATHOLOGY

Indian College of Pathologists

(MVRCCRI Centre)

Admission: Eligibility Criteria:

Training: The candidate should have completed three years of rotating training in pathology on 30th June or 31st December to be eligible for the July or Jan admissions respectively.

Registration: The candidate must have the required valid State medical registration or National Medical Council registration with documentary proof.

Qualifying Exam: Candidates who hold post graduate degree/provisional pass certificate in Pathology including MD , DNB or equivalent degree as per MCI criteria, dated on or before 30th June or 31st Dec of the respective July or Jan academic session, will be considered eligible for the PDCC course

Training and Curriculum

The training will be carried out as per the curricula defined by the ICP. The candidate shall maintain a logbook of all work done. The candidate shall carry out a short research work and present at a national conference /publish the paper during the course. The work in the form of a research paper (submitted or not) will be a mandatory requirement at the time of examination. Leave will be permitted as per the rules of the employer, however a minimum of 11 months' attendance in the one-year duration of the course will be required for eligibility.

Course Objectives

Training candidates

1. To attain working knowledge in all Practical and theoretical aspects of Tumor Pathology especially with regard to Surgical Pathology.
2. To acquire practical experience in all ancillary diagnostic tests like immunohistochemistry, Fluorescence in situ hybridisation, Cytogenetics and Molecular panels
3. To provide a clear, complete and concise pathology report encompassing all the minimum points relevant to diagnosis, prognosis and therapeutics.
4. To interact with clinicians , participate in tumor boards and conduct clinicopathological meetings.
5. To actively take part in research activities of the department
6. To acquire knowledge of Laboratory quality assurance and management
7. To be able to write and critically evaluate research papers
8. To keep abreast recent advances in the subject

Module of the course

Surgical Pathology	7 months
Cytology	2 months
Hematology	1 month
Molecular Pathology	1 month
Other	1 month

ACADEMIC, CLINICAL AND RESEARCH ACTIVITIES

The candidate is expected to fulfill the following academic, clinical and research criteria while training:
ACADEMIC: The trainee should actively participate in slide seminars, journal clubs, group discussions and case presentations on a monthly basis. The trainee should attend the MDT meetings. He/she will be encouraged to present a paper/poster in the regional/national/international pathology conferences.

CLINICAL:

Surgical Pathology:

- Grossing: approach and basis for all radical specimens (RCPATH/CAP /ICCR guidelines)
- Frozen section (Intra operative consultations)- grossing and reporting under supervision with consultants
- Approach to small biopsy reporting and work up of cases (Correlating with clinical, radiological, biochemical , microbiological and other relevant details)
- Reporting of all radical specimens (RCPATH/CAP/ICCR guidelines/AJCC)-Should write the trays, work up of cases, discuss and report along with Senior faculties, do corrections in the typed report and see that the reports are sent according to turn around time (TAT)
- Collecting all relevant details of review specimens and assist in reporting
- Work up of cases with ancillary techniques (Special stains, IHC, molecular studies) for disease characterization.
- To provide a clear, complete and concise pathology report encompassing all the minimum points relevant to diagnosis, prognosis and therapeutics
- Mounting museum specimens

Cytology:

- To develop adequate communication skills to interact with patients and bystanders
- To do FNAC procedures
- To see guided FNA and do rapid onsite evaluation (ROSE)with special focus on non palpable lesions including EUS/EBUS
- Reporting of FNA cytology with special emphasis on guided FNA will be part of the regular work
- Exfoliative cytology-techniques of obtaining sample, preparation of specimen and staining, screening and reporting
- Cell block and cytocentrifuge preparation with ancillary technique
- Cervical pap smear reporting based on Bethesda guidelines
- Intraoperative cytology
- Routine and special stains

Hematology:

- Work up cases of hematological malignancies
- Routine and Special stains
- Peripheral smear and bone marrow reporting
- Approach to lymph node biopsies (trucut and excision) and judicious use of lymphoma panel for diagnosis
- Flow cytometry in hematological malignancy diagnosis and MRD – to make an idea on technical aspects including standardization procedures and interpretation.

Molecular Pathology

Practical hands-on experience of procedures and Interpretation of molecular methods used as ancillary diagnostic methods in diagnostic Pathology

- Fluorescence in situ hybridization
- Polymerase chain reaction
- Karyotyping and tumor cytogenetics

Other

- Community Oncology
- Radiodiagnosis
- Nuclear Medicine
- Different Clinics under Oncology
- Bone Marrow Transplantation Unit.
- Laboratory quality assurance and management
- Clinical biochemistry and microbiology
- Participation in clinicopathological meetings, weekly tumour board/ multidisciplinary meetings- trainee should go through the list of cases , prepare cases allotted to him/her and present it in meetings.

Academic program schedule

Departmental academic sessions (Case discussions, Journal club, Recent advances, Topic Reviews) will be on Tuesdays and Fridays

Weekly multidisciplinary meetings in MVRCCRI

Tuesday	FGS
Wednesday	HEAD AND NECK
Thursday	LUNG , MEDIASTINAL TUMOR
Friday	GIT (morning)
Saturday	BREAST

Monthly Clinicopathological Meet

Second and Fourth Fridays: Medical Oncology

Research and Dissertation

The candidate shall carry out research work and submit a short research work at the end of one year of training. The candidate is encouraged to present his/her research work at a national conference /publish the paper during the course. The work in the form of a research paper (submitted or not) will be a mandatory requirement at the time of examination.

Evaluation and Exit examination:

They shall be conducted at the end of the fellowship, on completion of the stipulated training, an exit examination The guide shall issue a **Training Completion certificate** verifying satisfactory training and attendance records as a mandatory prerequisite.

Format of the examination form, available online at the website, should be filled and an **examination fee of Rs. 15,000/-** per candidate will be paid digitally to Organization of Indian College of Pathologists along with the mandatory attachments, forwarded by the guide.

There shall be two examiners: one external and one internal. The examiner should be a person with at least 10 years' experience in the specialty and should preferably be from a place where teaching and training is conducted. Approval for the examiner from within the list for the concerned specialty shall be obtained from the Secretary ICP prior to the conduct of the exam. The theory paper will be of three hours duration and shall have 20% MCQ and 8 short notes with 100 maximum marks.

The practical examination shall carry max marks 200 marks and shall have slides/data of 2 long cases, 15 short cases, relevant lab special techniques examined with hands on demonstration and /or spotters and viva voce. The duration of the exam can be 1-2 days. 30 marks will be allocated to the research project. To pass a candidate must obtain 150/300 (50%) marks. Maximum number of attempts will be 3. The course should be completed with

adequate attendance and training within a maximum of two years following admission with reasonable explanation for delay.

The guide will be responsible for informing the secretary ICP about the result of the candidates by email with a scanned copy of the signed result annexed in the email and hard copy to be sent by post at the earliest along with answer sheets and research work.

The ICP shall maintain a list of successful candidates on their website as a resource for those institutes wanting trained personnel in the fields and to facilitate employment.

ICP Registration

Admission forms (Part A) are available online and should be filled by candidates admitted at various centres. All admitted candidates for the academic year will register online at the ICP website and fill the admission forms available online and submit required documents. Candidates should fill these forms within 7 days of their institute admission. Scanned Copies of their post graduate degree/provisional certificate, NMC/MCI registration, Aadhar card verified by the guide with stamp should be sent along with the application along with the admission letter with approval from the guide (Part B). Please transfer digitally a total fee at the time of admission, Rs. 11,000 to the Treasurer ICP, account details given below and attach receipt. A maximum of two candidates can be admitted for one guide. Admissions will be done in January and July session each academic year.

Transfer of Fees: Admission and Examination Fees can be deposited through Net banking or E-transfer or D/D in favour of account below:

Bank account number **41581780106** at **State Bank of India**, Medical Institute branch, payable at Chandigarh, IFSC code **SBIN0001524** (Make sure there is a mention of your name and exam fee or admission fee or fellowship or starting fellowship)

Department Faculty

Dr Vijayalakshmi Nair	Sr Consultant & HOD
Dr KP Aravindan	Sr Consultant, Academic co-ordinator & Guide
Dr Sajna VM Kutty	Sr Consultant
Dr Lakshmy S Kumar	Consultant
Dr Divya Kannan	Consultant
Dr Pavitra Subramanian	Consultant
Dr Sajna PV	Consultant
Dr Ann Thomas	Consultant
Dr Fathima Hind CP	Specialist
Dr Khadeeja	Senior Resident
Dr Nasheeda Sobah	Senior Resident

Stipend

The candidates will be paid a consolidated stipend of Rs 67000/- per month

Leave

Eligibility of leave will be according to MVRCCRI rules.

Course fees: 1,00,000 (one Lakhs)