

CERTIFIED FELLOWSHIP IN SURGICAL PATHOLOGY

[Syllabus Approved by Board of Studies, Medical & Health Sciences]

Programme Code	:	HLTH14A22
Programme Details	:	2-YEARS HBNI CERTIFIED FELLOWSHIP IN SURGICAL PATHOLOGY
Programme Learning Outcomes (PLOs / PSOs)	:	MENTIONED [COMMON FOR ALL 2 YRS HBNI CERTIFIED FELLOWSHIPS OFFERED AT TMC]
Eligibility Criteria	:	MD (PATHOLOGY) OR EQUIVALENT PG DEGREE IN THE RESPECTIVE SPECIALTY WITH 1-YEAR EXPERIENCE.
Duration of the Course	:	2 YEARS
Programme Structure (Credit-Based)	:	NA
Detailed Course Syllabus	:	ATTACHED
Teaching–Learning Methodologies	:	2 YEARS PROGRAM
Examination & Evaluation System	:	ANNUAL APPRAISAL FOLLOWED BY UNIVERSITY FINAL EXAMINATION
Internship / Project / Dissertation Guidelines	:	NA
Program In Charge	:	PROF. TANUJA SHET tanujashet5@gmail.com

CERTIFIED FELLOWSHIP (SURGICAL PATHOLOGY)

Programme Code: HLTH14A22

Programme Outcome:

- The HBNI Fellowship Programmes at Tata Memorial Centre are designed to develop competent, ethical, and academically oriented healthcare professionals with advanced knowledge and skills in their respective specialties and subspecialties.
- At the completion of the fellowship, candidates are expected to demonstrate excellence in clinical practice, patient-centered care, multidisciplinary teamwork, communication, professionalism, and evidence-based decision-making.
- Fellows shall acquire the ability to independently evaluate, diagnose, plan, and manage patients while adhering to institutional protocols, quality standards, patient safety practices, and ethical principles in healthcare delivery.
- The fellowship programmes also aim to foster academic growth, research aptitude, lifelong learning, and leadership qualities among trainees.
- Fellows are expected to actively participate in teaching, seminars, journal clubs, conferences, audits, and research activities, thereby contributing to the advancement of medical science and institutional development.
- Upon successful completion of the programme, the fellow should be capable of functioning independently as a skilled specialist/subspecialist with competence in clinical services, academics, research, and collaborative healthcare practice in tertiary care and oncology-focused settings.

DETAILED SYLLABUS

SURGICAL ONCOPATHOLOGY FELLOWSHIP - CURRICULUM

The Department of Pathology offers a two-year fellowship in surgical Onychopathology. The Tata Memorial Hospital, Parel, Mumbai(primary) and ACTREC, Navi Mumbai (secondary) are the sites of fellowship training.

GOAL

The goal of this fellowship is to combine in-depth training in various subspecialties of surgical onychopathology with opportunities for conducting related research, and provide a basis for a future career in academic onychopathology. The two-year fellowship program provides broad exposure and experience in all aspects of surgical onychopathology with a focus on managing cases and communicating with clinicians while developing the confidence to tackle independently the day to day responsibility of a practicing surgical onomatologist.

Training Program:

The training program encompasses:

1. Grossing of routine and complex surgical oncopathology resection specimens.
2. Reporting of surgical oncopathology biopsies, including bone marrow biopsies
3. Pathologic reporting of routine and complex surgical oncopathology resection specimens
4. Frozen section reporting
5. Reporting of fine needle aspiration cytology, included image-guided
6. Interpretation of immunohistochemistry
7. Rotational posting in Immunohistochemistry laboratory for quality assurance and standardisation
8. Histochemistry applications in oncopathology for quality assurance and standardisation
9. Rotational posting in molecular pathology laboratory for acquaintance with basic techniques
10. Clinical research methodology and its application in oncopathology research
11. Accreditation and quality assurance related programs

Training schedule outline:

Sequence	Rotation
3 months	JR posting
3 months	SR posting
3 months	Subspeciality 1
3 months	Subspeciality 2
1 month	Research
3 months	Subspeciality 3
3 months	Subspeciality 4
1 month	Research
1 month	IHC lab
2 months	Molecular lab
1 month	Completion

JR posting entails rotation in grossing, frozen section, FNAC, biopsy reporting and resection specimen reporting.

SR posting entails rotation in grossing, frozen section, FNAC, biopsy reporting and resection specimen reporting and an additional handling of consultation cases, review cases, immunohistochemistry positive and negative controls and requisitions for molecular lab.

Graduated responsibility: In the last month of SR posting, the fellow will be give a 15 day period of supervised sign-out. During a sign-out weeks, the fellow would review cases and make diagnoses independently (reviewing with residents). The staff will review the cases during a one-on-one session and reassess the original diagnoses. This will amount to about 2 to 3 hours of didactic teaching. After evaluation of the progress of the fellow, she/he will be progressively allowed to sign out independently .While covering for SR posting, the fellow is expected to perform literature searches and review articles when appropriate to address questions about current reporting cases and also to develop ideas for projects.

The subspeciality1-4 will be allotted to the fellow by rotation by the HOD of department.

During the two-year period, the fellow is expected to undertake a minimum (independent) sign-out in:

Routine reporting	50 cases
Biopsy reporting	
(non-IHC)	50 cases
(IHC)	50 cases
Frozen section	25 cases
FNAC	25 cases

Rotation in histology lab, IHC lab and molecular lab is aimed at gaining firsthand experience in lab techniques and quality assurance.

Educational activities

The fellow will be expected to *attend all* educational activities of the department. This includes:

- Weekly class by JR
- Weekly seminars by SRs
- Weekly Journal clubs
- Weekly Slide meets
- Weekly Gross meets
- Invited Guest lectures
- Monthly senior surgical meets
- Monthly TPC meetings
- TMH conferences
- Annual EBM meeting

During the two-year period, the fellow is expected to *undertake* a minimum of:

Gross meets (including museum specimens)	10 Months
Journal clubs	5 Months
Slide meets	5 Months
Seminar	4 Months

The fellow will be expected to participate in all educational activities of the subspecialty group when posted for a subspecialty rotation, including but not limited to academic meetings, journal clubs, and various conferences with clinicians.

The fellow has the opportunity to present cases or papers at local, national and international conferences. Fellows are expected to present a minimum of one paper at an annual national or international conference.

The fellow is expected to be involved in day-to-day teaching of residents.

Additional responsibilities of the fellow

- Preparing monthly rotation for JR and SR
- Ensuring smooth functioning of lab especially during periods of manpower crunch
- Archiving of gross specimen photographs
- Updating charts of museum specimens
- Assisting in preparing monthly assessment questionnaires for junior residents
- Assist in exam related activities

Research/Projects:

The fellow is actively expected to initiate research projects during subspecialty postings. The department offers ample opportunities for special studies including extensive availability of immunohistochemistry and molecular diagnostics. Translational and/or clinical research may also be undertaken as part of the ongoing investigative programs in the Department of Pathology.

A fellow is expected to have published in a reputed journal a minimum of one original paper and two case-reports/ brief studies at the end of fellowship.