TATA MEMORIAL CENTRE

Office of the Director Academics

Fellowship Program in Gastrointestinal (GI)& Hepatopancreatobiliary (HPB) Oncology

Division / Department	:	Division of GI and HPB Oncology / Department of Surgical Oncology
Duration	:	1 Year
Eligibility	:	MS General Surgery / DNB Surgery

Introduction

The primary objective of this rotation is to develop proficiency in assessing, diagnosing, and managing patients with GI and HPB malignancy. The rotation aims to familiarize residents/fellows with the comprehensive management of malignancies of the gastrointestinal and hepatopancreatobiliary system. It includes hands-on experience in both outpatient and inpatient settings, exposing residents to a multidisciplinary approach in diagnosing and treating these tumors. Advanced exposure or mastery of complex subspecialty skills is not expected at this stage.

Rotation Core Competencies

Patient Care

Residents/ Fellows will demonstrate competency in the following areas:

1. **Patient History:** Relevant and accurate history taking of patients with GI and HPB malignancy
2. **Physical Examination:** Perform a thorough physical examination and assess suitability for further investigations/ treatment
3. **Diagnostic Tests:** Understand appropriate and Judicious use of diagnostic tests
4. **Imaging Interpretation**: Interpret imaging studies (e.g., CT scans, MRIs, and PET scans) of patients with GI and HPB tumors
5. **Pathology Interpretation**: Interpret pathology reports, including histopathology slides, Immunohistochemistry to understand and confirm the diagnosis
6. **Staging Systems:** Knowledge of commonly used staging systems for GI and HPB tumors
7. **Treatment Planning:** Develop and implement effective treatment plans, both surgical and non-operative.
8. **Multidisciplinary Coordination:** Collaborate with other medical specialties for comprehensive patient care.
9. **Patient and Family Counseling:** Provide clear guidance to patients and their families regarding treatment options, procedures, and potential outcomes. Referral to genetic counselor when needed
10. **Surgical Procedures:** Understand principles of standard oncological procedures performed for GI and HPB malignancies. Be able to assist actively for the same

Medical Knowledge

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Residents will demonstrate proficiency in the following objectives:

1. **Differential Diagnosis:** Formulate a differential diagnosis from unclear case presentations, considering infection and other possibilities.
2. **Understanding Tumor Etiology:** Recognize the etiology, natural history, and prognosis of specific neoplasms,
3. **Pathologic Features:** Identify clinical and radiographic features of GI and HPB malignancies
4. **Radiologic Advances:** Stay updated on recent advances in radiologic imaging techniques for GI and HPB tumors and options of interventional radiology.
5. **Work-up and Staging:** Summarize the work-up, biopsy, and staging of bone and soft tissue tumors, including metastatic potential and relevant staging systems
6. **Treatment Modalities:** Understand and compare multidisciplinary treatment options such as radiotherapy, chemotherapy , interventional radiology and surgical interventions
7. **Palliative care**.: Counselling regarding best supportive care

Core Surgical Competencies

By the end of the rotation, residents should be capable of assisting with and partially performing, under direct supervision, standard surgical procedures for hepatobiliary oncology. They should be able to sssist in major vascular resections as needed

Research and Audit Competencies

Residents will also be exposed to the field of research, with discussions focusing on:

1. **Understanding Current Research Trends in GI and Hepatobiliary Oncology: Knowledge of current research topics** and ongoing randomized controlled trials
2. **Review of Landmark Papers and Studies:** Participate in an journal club discussions of landmark studies and clinical trials in GI and hepatobiliary oncology
3. **Data Auditing:** Understand the process of auditing data in GI and hepatobiliary oncology, identify gaps in data collection, and learn how data analysis is conducted.
4. **Research Methodology :** Understanding basics of data entry and analysis

Assessments	:	Intra-Departmental.
Completion Certificate	:	Will be issued upon successful completion of tenure.

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Contacts

Head of Department	:	Prof. Mahesh Goel
Academics Department	:	For Technical / Documentation / Joining Support / Virtual Assistance

Mr. Pratham G Mayekar– Administrative Assistant
Mobile Number (WhatsApp): +91-8097086211
Email ID: observers@tmc.gov.in&tmctrainingcell@gmail.com

Mr. Ganesh Mewati – Assistant (Academics)
Mobile number (WhatsApp): +91-8767008034
Email ID: observers@tmc.gov.in&tmctrainingcell@gmail.com

Mr. Daniel Shelke – Assistant Administrative Officer (Academics)
Mobile number (WhatsApp): +91-8850049927
Email ID: shelkeds@tmc.gov.in&danielcoordination@gmail.com