TATA MEMORIAL CENTRE

Office of the Director Academics

Observership Program in Interventional Radiology

Division / Department	:	Interventional Radiology
Duration	:	1 week to 6 Month
Eligibility	:	Minimum Qualification- MD/DNB Radio-diagnosis

Goal:

This course is designed with the goal of providing exposure and training to the basics of interventional radiology and hopes to provide the candidate with adequate training to manage common cancers in a secondary level institute. The course will expose the candidate to the basic principles of diagnosis and staging including guided biopsies and management using minimally invasive interventional radiology procedures and post procedure care.

I. Clinical

OUTPATIENT CLINIC

• To learn outpatient work-up; history taking, clinical examination, pretreatment investigations and follow-up protocols.
• Actively involved in MDTs (Multidisciplinary Team) meetings in respective specialities

• Learn
1) Disease staging
2) Evaluation of imaging
3) Physical examination with relevance to each organ system
4) Interpretation of histopathology and cytology reports
5) Functional evaluation
6) Treatment decision making, multimodality management.
7) Post treatment rehabilitation protocols
8) Adjuvant treatment algorithms
9) Follow up protocols

INPATIENT:

Daily Ward rounds along with residents and consultants Learn
1) Pre operative evaluation
2) Post operative management
3) Management of post operative complications
4) Treatment decisions regarding surgical intervention in palliative patients.

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PRACTICAL EXPOSURE

The candidates will rotate through various modalities and will observe and receive hands on exposure to basic procedures. The procedures listed below are indicative and may not reflect the actual experience he/she may receive

Learning Objectives:

1. To Assist and perform the following procedures
    a. USG guided ascitic and pleural tapping
    b. USG guided FNAC of thyroid and lymph nodes
    c. USG guided biopsies from liver and other superficial pathologies
    d. USG guided Breast biopsy
    e. TRUS guided biopsies
    f. CT guided biopsies
    g. Percutaneous nephrostomy and DJ stenting and exchange
    h. PICC and central catheter insertion
    i. Percutaneous biliary drainage and stenting

2. To Observe/Assist in the following procedures
    a. CT-guided liver ablation
    b. CT guided lung ablation
    c. CT guided Bone and soft tissue tumor ablation
    d. Transarterial embolization and chemoembolization of liver tumors
    e. Hepatic artery chemoinfusion
    f. Ophthalmic artery chemoinfusion
    g. Pre-operative and emergency angioembolizations
    h. Portal vein embolization

II. EDUCATION-

To attend all the clinical meetings happening in the institute, like seminars, lectures, conferences, journal and video clubs, and other didactic activities

Supervision:

The trainee will be supervised during all patient encounters and procedures by a qualified faculty (Mentor) to ensure quality patient care and adequate Training

Evaluations:

At the end of period, the senior faculty will evaluate each trainee's performance by an exit oral examination and provide face-to-face feedback about the performance and any remedial plans required.

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

Contacts

Head of Department	:	Prof. Suyash Sureshchandra Kulkarni
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