



TEERTHANKER MAHAVEER MEDICAL COLLEGE & RESEARCH CENTRE MORADBAD

**Bagarpur, Delhi Road, Moradabad-244001 (U.P.)
Tel: 0591-2360000, Telefax: 0591-2360077, 2487444,**

Department of ENT

Value Added Course - 1

Course 1 :- Approach to patients with trauma to head-neck region.

Venue: Casualty and Demo Room

Total No. Of Modules:5

Total Duration:15 Hours

Proposed start date of course: 15th Oct 2022

**C: 1- Dr. Probal Chatterji (Professor & HOD)
2- Dr. Akshay Jain (Assco.Prof.)**

Module 1: Assessment of injuries (3 hours)

- 1.1: Assessment of facial injuries.
- 1.2: Assessment of head Injury.
- 1.3 Assessment of nasal bleed.
- 1.4: Assessment of oral cavity injury
- 1.5 : Assessment of neck injuries.
- 1.6: Making a diagnosis.
- 1.7: Assessment of Students.

Module 2: Communication skills & initial resucitation (3 hours)

- 2.1: Initial Communication with patient party regarding type of injuries and prognosis including need for procedures if any.
- 2.2: Monitoring of vital signs (pulse/BP/ respiration/wine output.)
- 2.3: Starting IV- Line with fluids.
- 2.4: Stabilization of neck in suspected cervical injuries.
- 2.5: Basic resuscitation- Airway, Breathing, Circulation.
- 2.6: Assessment of Students.

Module 3: Investigations (3 hours)

- 3.1: Nasal Endoscopy.
- 3.2: X Rays PNS.
- 3.3: CT Scan of face with 3D reconstruction.
- 3.4: CT Scan of neck in Suspected neck injuries.
- 3.5: CT Scan of brain/ MRI of brain
- 3.6: Assessment of Students.

Module 4 : Emergency interventions (3 hours)

- 4.1: Basic suturing skills and repair of scalp/ face/ neck wounds.
- 4.2: Nasal packing in case of epistaxis.
- 4.3: Role of airway tube.
- 4.4: Role & Indications for intubation of patient.
- 4.5: Role & indications for tracheostomy.
- 4.6: Assessment of Students.

Module 5: Interdisciplinary referrals & management of specific conditions. (3 hours)

- 5.1: Opinion of critical care specialist.
- 5.2: Assessment of head injury by neurosurgeon with necessary intervention if any.
- 5.3: Assessment by maxillofacial surgeon for assessment of facial fractures
- 5.4: Anesthetic opinion for pain management and interventions if any.
- 5.5: Opinion of medicine specialist for management of associated comorbidities like BP/ DM.
- 5.6: Assessment of Students.