



## MGM INSTITUTE OF HEALTH SCIENCES

(Deemed University u/s 3 of UGC Act, 1956)

**Grade 'A' Accredited by NAAC**

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# Value Added Course

## Examination & Reporting of Injured Person

  
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## Annexure-52B of BOM-62-2020

### 10 C: Examination & reporting of Injured Person (FMT, Aurangabad)

1. **Topic:**Examination & reporting of Injured Person
2. **Goals** To provide special training & practical exposure to 2<sup>nd</sup> year & 3<sup>rd</sup> Year MBBS students in clinical examination of injured person & its medico legal aspect.

#### **Objective:**

- He should be able examine injured & to provide basic life support (Medical Management).
- He should be able to take valid written consent.
- He should be able to collect; preserve, seal, label & forward trace evidences.
- He should be able to differentiate between suicidal, accidental & Homicidal injuries.
- He should be able to draw opinion & give the evidence in court of law based on his physical finding & logical opinion based on scientific knowledge as an expert about nature of injury, age of injury, probable weapon of offence, etc.
- He should be able to anticipate serious internal injuries from external examination.
- He should be able to perform scientific examination of scene of crime to collect evidences.
- He should be able to differentiate between ante mortem & postmortem injuries.

**3. Course Co-ordinator :Dr.NavinkumarM.Varma**

**4. Course Duration: 1 Month**

**5. Eligibility: MBBS**

**6. Course Content:**

<b>Sr. No</b>	<b>Lecture</b>	<b>Learning Objective</b>	<b>Durati on</b>
1.	Injury, Wound, Hurt , assault, trauma, Mechanical Injury, Classification of Mechanical Injuries	To study basics & concepts of injury, its medical & legal aspects.	1 Hour
2.	General Principle & factors influencing mechanical Injuries.	How injury / breach in continuity of tissue occur	1 Hour
3.	Abrasion	Definition, types, causes, age of abrasion, ante mortem & postmortem abrasion, Medicolegal importance, etc.	1 Hour
4.	Contusion	Definition, types, Factors modifying size & shape of contusion, causes, age of contusion, ante mortem &	

		postmortem contusion, true & artificial contusions, Medicolegal importance, etc.	
5.	Laceration	Definition, types, causes, characters, complications, age of lacerations, ante mortem & postmortem laceration, Medicolegal importance,	1 Hour
6.	Fractures	Definition, types, causes, age of fracture, ante mortem & postmortem fractures, Medicolegal importance, etc.	
7.	Incised Injury	Definition, types, causes, characters, age of incised injury, ante mortem & postmortem incised wounds, Medicolegal importance, suicidal & homicidal incised wounds, Chop wound, therapeutic wound, etc.	1 Hour
8.	Stab Injury	Definition, types, causes, characters, complications, age of stab injury, ante mortem & postmortem stab wounds, Medicolegal importance, suicidal, accidental & homicidal stab wounds, defence wound, etc.	

9.	Fire arm Injury by Shot Gun	Definitions, types, make up & mechanism of shot gun firearm & its classification, shotgun cartridge, wound of shot gun from various distances, Medicolegal importance, etc.	1 Hour
10.	Fire arm injury by Rifled weapon	Definitions, types, make up & mechanism of rifled firearm & its classification, bullet , wound of rifled firearm from various distances, difference between entry & exit wound, medicolegal importance, etc.	
11.	Bomb Explosion injuries	Definition, causes, injuries & its mechanism, evidence collection, Investigation, complications, medicolegal importance, etc.	1 Hour
12.	Medicolegal aspect of wounds	Concept of suicide, accident, homicide, its types, IPC 299 to 310, 319 to 326, Simple & Grievous Hurt.	1 Hour
13.	Injuries to Scalp, face (Eyes, Nose, Ears, facial bones, teeth) Skull	Anatomy, mechanism of injury, causes, probable weapon, Fractures – mechanism & its types, examination do & don'ts, medicolegal Importance, etc.	1 Hour

14.	Injuries to Brain & Meninges	Anatomy, causes, mechanism, various injuries, Coup & countercoup Injuries, Concussion, Diffuse Axonal Injuries causes, probable weapon, examination do & don'ts, medicolegal Importance, etc.	
15.	Intracranial Haemorrhages	Types, causes, mechanism, characters, complications, medicolegal importance.	1 Hour
16.	Injuries to vertebral Column, Spinal Cord, Chest, Abdomen,	Various injuries, mechanism of injuries, causes, Medicolegal importance, etc.	1 Hour
17.	Injuries due to fall from Height	Factors influencing the pattern of injury	
18.	Injuries due to Road Traffic Accident	Injury to pedestrians, cyclist & motorcyclist, to occupant of vehicle, examination of vehicle & scene of crime, medicolegal importance – hit & run, run over, suicide, accident or homicide, etc.	1 Hour
19.	Injuries due to railway & Aircraft accidents	Various injuries, difference between ante mortem & post mortem injuries, difference between accidental, suicidal & homicidal injuries, etc	

20.	Thermal Injuries	Due to heat – burn & scald, due to cold, electricity, lightning, pattern of injury, causes, complications, medicolegal importance, etc.	1 Hour
21.	Dowry deaths, Torture, Custodial deaths,	Definitions, IPCs, methods of torture, human right guidelines, etc.	1 Hour
22.	Complications of injuries	Due to various injuries, probable time required for it, medicolegal importance.	1 Hour
23.	Difference between ante mortem & Post Mortem Injuries,	Determine from clinical examination, histochemical examination, Histopathological examination, etc.	
24.	Relationship of trauma & Natural diseases.	Effect of drugs, preexisting diseases, Myocardial Infarction, Subarachnoid haemorrhage, etc.	1 Hour

#### 7. Assessment:

- **Theory (40 Marks)** – MCQ's – 10 (10 Marks), SAQ- 5 (20 marks), LAQ -1 (10 mark)
- **Practical (40 Marks)** – Spotting – 10 marks, Exercise – 10 mark, Weapon – 5 mark, Viva – 15 mark

#### 8. Reading Material:

### **Core Books:**

1. Modi's Text book of Medical Jurisprudence & Toxicology.
2. The Essentials of Forensic Medicine & Toxicology: K.S.N. Reddy.
3. Textbook of Forensic Medicine: JB. Mukharjee.
4. Principles of Forensic Medicine: A. Nandy.
5. Textbook of Forensic Medicine & Toxicology, Principles & Practice: Krishan Vij

### **Reference Books**

1. Forensic Pathology by Bernard Knight
2. Handbook of Forensic Pathology by Vincent DiMaio & Suzanna E. Dana
3. Keith Simpson's Forensic Medicine.
4. Ross's post mortem Appearances
5. Forensic medicine-a guide to principle by Gordon & Shapiro
6. Forensic Medicine: A study in trauma & Environmental Hazards by Tedeschi