



# “ABC OF TRAUMA”

## AIIMS BASIC COURSE OF TRAUMA

Organised by:  
**Orthopaedic Research Society**  
&  
**Society of Pelvi-Acetabular Surgeons**



9<sup>th</sup> and 10<sup>th</sup> August 2024

Old Seminar Room, JPNATC, AIIMS

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9<sup>th</sup> and 10<sup>th</sup> August, 2024

**DAY 1: 9<sup>th</sup> August 2024: Friday/ VENUE: Old Seminar Room, JPNATC, AIIMS**

08:30 - 09:00	Registration
09:00 - 09:15	Introduction

## MODULE 1 - 09:15 - 12:20

TIME	TOPIC	SPEAKER
09:15 - 09:25	Fracture healing and strain theory	Asjad Mahmood
09:25 - 09:35	Parts of a bone screw and its types	Nishank Mehta
09:35 - 09:55	Absolute stability and lag screw principle	Vijay Sharma
09:55 - 10:05	Locking plates in fracture fixation	Vivek Trikha
10:05 - 10:25	Relative stability and 'bridge' plating	Mukesh Jain
10:25 - 10:40	Basic reduction technique and instruments	Ritabh Kumar
10:40 - 11:20	GROUP DISCUSSION	
11:20 - 11:40	TEA BREAK	
11:40 - 12:20	Exercise 1 (Lag screws/compression plating, internal fixator with locking compression plate)	BD Chowdhury, Samarth Mittal

## MODULE 2 - 12:20 - 15:00

12:20-12:35	Principles of external fixation	Asjad Mahmood
12:35-12:50	Management of open fractures	Vivek Trikha
12:50-13:00	Demonstration of NPWT application	Siva Srivastava G.
13:00-13:45	GROUP DISCUSSION	
13:45-14:30	LUNCH	
14:30-15:00	Exercise 2 (Modular external fixator application)	Vijay Sharma, Asjad Mahmood, Siva Srivastava G

## MODULE 3 - 15:00 - 18:15

15:00 - 15:10	Principles of management of diaphyseal fractures	Mukesh Jain
15:10 - 15:25	IM nailing: Basic concepts	Samarth Mittal
15:25 - 15:35	Management of a polytrauma patient in the emergency room	Vijay Sharma
15:35 - 15:50	Technique of intramedullary nailing (tibia/femur)	Siva Srivastava G.
15:50 - 16:30	<b>GROUP DISCUSSION</b>	
16:30 - 17:30	<b>PRACTICAL SKILL LEARNING STATIONS</b>	
17:30 - 18:15	<b>Exercise 3</b> (Tibia nailing)	Mukesh Jain, Siva Srivastava G.

**DAY 2: 10<sup>th</sup> August 2024: Saturday/ VENUE: Old Seminar Room, JPNATC, AIIMS**

## MODULE 4 - 09:00 - 13:00

TIME	TOPIC	SPEAKER
09:00 - 09:15	Principles of management of articular fractures	Vivek Trikha
09:15 - 09:30	Tension band principle	Arvind Kumar
09:30 - 10:15	<b>GROUP DISCUSSION</b>	
10:15 - 11:00	<b>Exercise 4</b> (Tension band wiring on olecranon fracture)	Ritabh Kumar, Arvind Kumar, Aditya Jain
11:00 - 11:20	<b>TEA BREAK</b>	
11:20 - 11:35	Femoral neck fracture fixation – Surgical options (CCS/DHS/FNS)	Mukesh Jain
11:35 - 11:50	Trochanteric fracture fixation – Principles and Surgical options	Ritabh Kumar
11:50 - 12:15	Surgical technique – DHS and TFNa	Samarth Mittal
12:15 - 13:00	<b>GROUP DISCUSSION</b>	
13:00 - 14:00	<b>LUNCH</b>	

## **MODULE 5 - 14:00 - 17:30**

<b>14:00-14:10</b>	<b>MIO: indications, contraindications and technique</b>	<b>Ritabh Kumar</b>
<b>14:10-14:20</b>	<b>Radiation Hazards and its prevention</b>	<b>Vijay Kumar</b>
<b>14:20-14:30</b>	<b>Delayed healing and non-union</b>	<b>Mukesh Jain</b>
<b>14:30-14:40</b>	<b>Compartment syndrome</b>	<b>Mohd. Tahir Ansari</b>
<b>14:40-14:50</b>	<b>Patient Safety in OT and OT Etiquette, Sterile Practices in OT</b>	<b>Kamran Farooque</b>
<b>14:50-15:30</b>	<b>GROUP DISCUSSION</b>	
<b>15:30-15:45</b>	<b>TEA BREAK</b>	
<b>15:45-16:15</b>	<b>PRACTICAL SKILL LEARNING STATIONS</b>	
<b>16:15-17:00</b>	<b>Exercise 5 (Proximal tibia/ Distal femur plates)</b>	<b>Ravi Mittal, Vivek Triakha, Man Singh</b>
<b>17:00-17:15</b>	<b>CERTIFICATE DISTRIBUTION</b>	