

# IOA CADAVER SKILL COURSE



MONDAY 18<sup>TH</sup> APRIL

TO

THURSDAY 21<sup>ST</sup> APRIL

# IOA CADAVER SKILL COURSE

Conventional Orthopaedic Surgical Training is largely based on the traditional model of long working hours, extensive exposure without a structured progression. Currently, with teaching institutes registering a high number of postgraduate trainees, exposure to surgeries to match with the needs of young surgeons has further diminished.

Simulation offers a potential solution to some of these challenges enabling rapid skill acquisition and progression to competency in a safe, structured and controlled environment remote from patients. Many safety-critical professions, most notably aviation, have long used simulation at early career stages to enable trainee pilots to achieve and demonstrate competency in the necessary skills before being allowed to take the controls of a real aircraft.

Cadaveric simulation (i.e. using deceased, preserved, or fresh donated human bodies) is a potentially promising modality for training as it offers the most realistic representation of human anatomy, with realistic tissue handling characteristics and haptic “real-touch” feedback. Cadaveric simulation adds educational value beyond that obtained in training by “stirring into practice” and “becoming through doing.” In providing ultrarealistic representation of the space, ritualism, and costuming of the operating theatre, cadaveric simulation training enables the development of a range of nontechnical skills and socio-cultural lessons of surgery.

The Indian Orthopaedic Association (IOA) feels the need of such cadaveric courses, where a level of competency certification can be considered if the participants successfully complete the course.

With the guidance & handholding of Senior Orthopaedic Faculty the delegates can hone their skills. Learning from cadaveric simulation can be broadly categorized into intrinsic surgeon-driven factors and extrinsic environmental factors. Intrinsic factors include participant ability to “buy-in” to the simulation exercise, willingness to push one’s own learning boundaries in a “safe space” and take out on resident experience and self-reported confidence, with the greatest learning gains. Extrinsic factors include the opportunity to perform operations in their entirety without external pressures or attending seniors “takeover,” leading to subjective improvement in participant operative fluency and confidence.

The IOA has curated a complete course for the Orthopaedic Surgeon including Upper & Lower Limb exposures, Spine, Arthroscopy, Hip & Knee Arthroplasty.

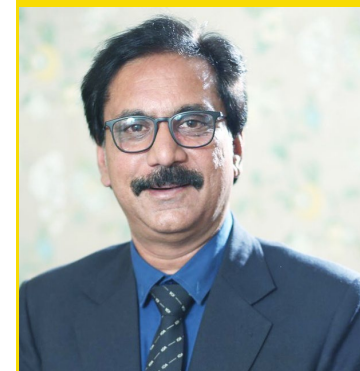
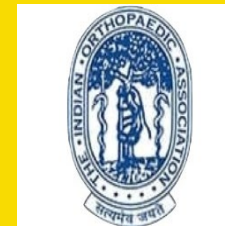
Soft Skills including Counselling, Consent, Adverse Event Handling and Workplace Ethics will be also discussed in the interactive sessions beyond the Surgical Skill Sessions.



DR RAMESH SEN  
PRESIDENT



DR NAVIN THAKKAR  
SEC GENERAL



DR ATUL SHRIVASTAV  
PRESIDENT ELECT



DR RAM CHADDHA  
VICE PRESIDENT

# DAY 1

---

**8:00 am**

-

**Registration + breakfast**

**8:45 to 9:00 am**

-

**Course introduction**

**9:00 am to 5:00 pm**

-

**Upper limb approaches**

- Deltpectoral
- Anterolateral approach to humerus , posterior approach to elbow
- Henry and Thompson approach forearm
- Distal end radius approach

**Saw bone workshop on forearm plating and tension band wiring**

**5:30 to 7:00 pm**

-

**Discussions / Interaction**

- Debridement in open fractures
- Compartment syndrome
- Fasciotomy and spanning fixator
- VAC application

**8:00 pm**

-

**Dinner with discussion on soft skills**

---

**IOA**

**CADAVER SKILL COURSE**



## DAY 2

---

- 8:00 am - **Breakfast**
- 8:45 to 9:00 am - **Briefing and feedback**
- 9:00 am to 5:00 pm - **Lower limb approaches**
  - Smith Peterson
  - Swashbuckler
  - proximal tibia :  
Posteromedial/  
posterolateral/  
anterolateral  
approach
  - Distal tibia :  
anterolateral/  
posterolateral

**Saw bone workshop on PFN  
and Ankle plate fixation**
- 5:30 pm to 7:00 pm - **Discussion**
  - Removal of  
broken  
implants
  - Surgical site  
infection
- 8:00 pm - **Dinner with soft skills discussion**

---

**IOA**

**CADAVER SKILL COURSE**



# DAY 3

---

- 8:00 am - Breakfast
- 8:45 to 9:00 am - Briefing and feedback  
(participants will be allocated to 2 groups - spine and arthroscopy groups and will interchange at lunch time )

9:00 am to 5:00 pm -

## Spine

- Patient positioning
- Approaches
- Microdiscectomy/  
Fenestration
- Microdiscectomy  
and pedicular  
fixation technique

## Arthroscopy

- patient setup
- Familiarizing with  
instrumentation
- Portals/scope introduction
- Triangulation
- Visualizing all  
compartments
- Grasping loose bodies and  
trimming menisci

5:30 pm to 7:30 pm -

## Discussion

- MRI Knee and  
Spine

8:00 pm -

Dinner with soft skills discussion

---

# IOA

## CADAVER SKILL COURSE



## DAY 4

---

- 8:00 am - Breakfast
- 8:30am - Briefing and feedback  
(participants will be allocated to 2 groups - THA and TKA groups and will interchange at lunch time )

8:45 am to 4:30 pm -

### THA

- Posterior approach
- Dislocation of hip
- Neck cut
- Acetabular exposure
- Reaming
- Cup placement  
(version/inclination)
- Femur :  
broaching/sizing
- Reduction and  
checking stability

### TKA

- approach
- Releases for varus knee
- Releases for valgus knee
- Sequence of bony cuts
- sizing/aligning
- Patellar tracking

5:00 pm

**END OF COURSE**

---

**IOA**

**CADAVER SKILL COURSE**





# IOA CADAVER SKILL COURSE



## PRESIDENTIAL THEME COMMITTEE



DR M AJITH KUMAR  
MANGALORE



DR RAJESH GANDHI  
MUMBAI



DR MADHUSUDAN KUMAR  
PATNA



DR AJOY SM  
BENGALURU  
COURSE CO-ORDINATOR

## LEAD FACULTY



DR DHEENDHAYALAN  
COIMBATORE



DR VIVEK TRIKHA  
NEW DELHI



DR RAM CHADDHA  
MUMBAI



DR SATISH SHERVERGAR  
BENGALURU



DR MAHESH KULKARNI  
PUNE



DR NARAYAN HULSE  
BENGALURU

# FACULTY FOR CADAVER SKILL COURSE



DR UDAY  
KUMAR



DR BHARAT  
KADADI



DR NIRANJAN



DR DEEPAK  
INAMDAR



DR KVPK RAJU



DR AJOY SM



DR  
RAGHAVENDRAA



DR  
PURUSHOTTAM



DR AMRIT



DR THOMAS  
KISHEN



DR RAVI KUMAR



DR MADAN



DR CHIRAG



DR YOGESH K



DR MAHESH



DR CHANDRASHEKHAR



DR LAXMIKANTH



DR ASHOK



DR SHARATH



DR SANTOSH



DR RAHUL

## UPPER LIMB

DR. DHEENADHAYALAN

DR. UDAY KUMAR

DR. NIRANJAN

DR. BHARAT KADADI

DR. DEEPAK INAMDAR

## SPINE

DR. RAM CHADDHA

DR. AMRIT MASCHARANUS

DR. RAVI KUMAR

DR. THOMAS KISHEN

## THA

DR. MAHESH KULKARNI

DR. CHANDRASHEKHAR

DR. LAXMIKANTH

DR. ASHOK

## LOWER LIMB

DR. VIVEK TRIKHA

DR. K V PK RAJU

DR. AJOY S M

DR. PURUSHOTTAM

DR. RAGHAVENDRA

## ARTHROSCOPY

DR. SATISH SHERVEGAR

DR. NIRANJAN

DR. MADAN BALLAL

DR. CHIRAG TONSE

DR. YOGESH G

DR. SANTOSH

DR. MOHAN

DR. RAHUL

## TKA

DR. CHANDRAMOULI

DR. NARAYAN HULSE

DR. SHARATH

DR. SANTOSH

DR. DEEPAK INAMDAR



## **COURSE FEES :**

---

**Course fee:**

**50,000 INR / Delegate (IOA MEMBERSHIP MANDATORY)**

**4 DAY COMPREHENSIVE COURSE WITH EXPERIENCED  
FACULTY AND ONLY 2 DELEGATES / STATION WITH BONE  
MODEL WORKSHOPS AND INTERACTIVE SESSIONS AND  
SOFT SKILLS SESSIONS**

### **Account details :**

account name : MSRUAS - MS Ramaiah Advanced Learning  
Centre

Account No - 914010033412174

Bank : Axis Bank

Address of Bank : AXIS BANK, Rajajinagar, Bangalore - 560010

IFSC code : UTIB 0000559

MICR code : 560211017

**IOA**

**CADAVER SKILL COURSE**



## REGISTRATION FORM :

# IOA

## CADAVER SKILL COURSE



**The venue for the program is**

The Ramaiah Advanced Learning Centre, at Bangalore, which has one of the best facilities for surgical skills training in this part of the globe.

It has played host to more than a thousand courses over the past decade of its existence and is known for its closest to Operating Room experience during the course.

The location for the same is

<https://goo.gl/maps/mPkfA7keyU5awdmR7>

**Name**

**Designation**

**Institution**

**Address**

**City**

**Mobile no.**

**Email**

**IOA MEMBERSHIP  
NO.  
(MANDATORY)**

## ONLINE REGISTRATION LINK :

<https://forms.gle/NkheVpyahGwYFRMD6>