



RAMAIAH

ADVANCED
LEARNING CENTER

ADVANCED COURSE ON PELVI-ACETABULAR TRAUMA CARE

July 7, 8 and 9th - 2023

Under the aegis of
Bangalore Orthopedic Society



Venue : Ramaiah Advanced Learning Center

Surgical treatment of acetabular fractures, are associated with vital adjacent anatomic structures and a steep learning curve. Most of the national and international courses aim at basic understanding, surgical approaches and surgical techniques which are sufficient for uncomplicated pelvi-acetabular fracture patterns.

Whenever the pelvi-acetabular injury is complicated with additional trauma, other morbid situations, reasonable neglect and inadequately performed surgery, then the management of such injuries becomes a lot more difficult. To manage these situations, one requires understanding and experience much beyond the routine pelvi-acetabular care. This can only be perceived if surgeons with sufficient experience get together and interact to create answers to such challenges in clinical practice.

In the proposed course we wish to have interactions regarding this level of pelvi-acetabular trauma care. It is expected that participants willing to join this course are already well versed with standard treatment of these injuries.

The proposed cadaveric dissection will consists of hands on experience on relatively advanced surgical techniques i.e. percutaneous fixation of pelvi-acetabulum injuries, and approaches for sacrum fracture and spinopelvic stabilization. Modified Stoppa approach as well as safe surgical dislocations will also be available for hands on experience.

Bone model exercises will also be specific to complex fracture patterns of the acetabulum. Each participant will be given a pelvic bone model for simulations of different fracture patterns. He can carry the model back for further practice at home.

Some of the best international faculty, who have been teaching in many International AO pelvic courses, will be accompanied by senior experienced Indian faculty for discussing solutions of difficult clinical challenges.

This will be a different course and is restricted to pelvic acetabular surgeons willing to upgrade from routine acetabulum surgery to higher level. An experience of more than five years in the field is a desirable prerequisite for the course.

Dr Ramesh Sen
Course Director

Day 1 July 7, 2023

9 am Introduction to the course

Faculty to present 2 cases for each topic and discuss with the panel

9.30 -10.45 MODULE 1- PELVIS

1. Update on Damage control resuscitation in pelvic trauma
2. Update on pelvic care in less resourceful environment
3. Role of emergency symphyseal fixation
4. Open pelvic fractures, priorities defined
5. Reduction techniques for vertical shear sacroiliac disruptions
6. Avulsion injuries of pelvis

10.45-12.00 MODULE 2- PELVIS

7. Reduction of Tilt fracture of pelvis
8. Management of Pelvic fracture with associated neurological damage
9. Options in fixation of Sacral fracture in sacral dysmorphism
10. Crescent fracture management options
11. Foraminal decompression in sacral fractures
12. Pelvic osteotomy for malunion pelvis

TEA BREAK

12.15- 1.30 MODULE 3 - ACETABULUM

1. Anterior wall fracture
2. Superior wall fractures
3. KL approach: prone vs lateral
4. Defining the use of Gibson Vs KL approach
5. Managing posterior column from anterior approach
6. Surgical dislocation for acetabular fracture

LUNCH BREAK

2.30 - 3.45 MODULE 4 - ACETABULUM

7. ABC fractures low type reduction techniques
8. ABC fractures high type reduction techniques
9. ABC fractures, when to go for both approaches
10. ABC fractures, which access first if going by two approaches
11. Techniques and related issues for Antegrade & retrograde anterior column screw
12. Techniques and related issues Antegrade & Retrograde Posterior column screw

TEA BREAK

4.00-5.15

MODULE 5-ACETABULUM

13. Infra-acetabular screw and supra-acetabular lag screw
14. Impaction injuries to acetabulum
15. Managing anteromedial dome impaction
16. Posterior and posterior impaction injuries
17. Subchondral support material to impaction injuries
18. Re-osteosynthesis in previously operated acetabulum fracture

Day 2 July 8, 2023

CADAVERIC EXERCISES

Percutaneous fixation module 8.30- 10.30, 10.45 -12.45

Two batches with 2 hours for each batch

16 persons each batch, two participants work on one side, other side watches, then other side participants do it and reversal of roles for other two.

First batch cadaveric exercises: 2 hours

- Sacroiliac stabilization
- Trans-sacral stabilization
- Antegrade posterior column fixation
- Retrograde posterior column fixation
- Antegrade anterior column fixation
- Retrograde posterior column fixation.

Second batch for discussions: 2 hours

On reduction of complicated fracture patterns, results of the percutaneous fixations

COFFEE /TEA break for 15 mins.

Reversal of batches for cadaveric exercises and discussions

LUNCH 45 minutes

ABC fracture stabilization Module 1.30 – 3 pm

Eleven bodies, 3 participants each station

AIP with modified ileo-femoral approach

- Plate osteosynthesis supra pectineal & infrapectineal
- Plate osteosynthesis posterior column
- Posterior column screw fixation
- Infra acetabular screw fixation

Tea break for 15 minutes

Spinopelvic stabilization, 3.15 -5.15 pm

Eleven bodies, 3 participants each station

Surgical approach for sacroiliac area.

- o Sacral spine decompression
- o Sacral fracture stabilization
- o Spinopelvic stabilization

DAY 3 July 9, 2023

MODULE 6 COMBINED TRAUMA 08.30—09.45

1. Floating hip injuries, anterior fracture with femur fracture
2. Floating hip injuries, Posterior injuries with femur fracture
3. Combined pelvi-acetabular injury profile
4. CPAI pelvis first then acetabulum
5. CPAI acetabulum first then pelvis
6. Pelvi- Acetabular fracture in paediatric patients

MODULE 7 FEMUR HEAD FRACTURES 10.00 - 11.00

1. Head femur fracture Pipkin III management
2. Head femur with acetabulum fracture
3. Head femur impaction fractures
4. Head femur chondral injury

TEA BREAK

MODULE 8 ARTHROPLASTY 11.15 - 12.30

1. When to opt for arthroplasty in fresh geriatric acetabulum fractures
2. Post acetabular fracture pelvic discontinuity
3. Quantifying acetabular defect
4. Managing posterior defects
5. Managing medial defects and anterior defect
6. Peri-prosthetic acetabular fracture

MODULE 9 ELDERLY & MISC 12.30 - 1.30

1. Fixation in Elderly acetabulum Fractures
2. Evolving Implantology for geriatric acetabular fracture
3. Pelvic insufficiency fracture
4. Current management OF degloving injuries around pelvis
5. Metastatic acetabular fractures

FINAL DISCUSSION AND CONCLUSIONS



Dr. Sanjay C Desai
Director RALC



Dr. Ramesh Kumar Sen
Course Director

International Faculty



Dr Hans J Kreder
Canada



Dr Tim Chesser
North Bristol, NHS Trust, UK

National Faculty



Dr John Mukhopadhy
Patna



Dr Dinesh R Kale
JNMC Belgaum



Dr Rakesh Rajput
CMRI Kolkata



Dr J T Pappanacherry
Kochi



Prof Vivek Trikha
AIIMS New Delhi



Prof Sameer Agarwal
PGIMER Chandigarh



Prof P K Raju
Bangalore Medical College



Dr Lokesh A V
Manipal Hospital,
Bangalore



Dr Ajoy S M
Ramaiah Medical College
& Hospital

Course Fee

30 delegates only at 2 delegates only per station

Indian delegates :

Early bird – Rs. 40,000/- delegate - Till June 20th, 2023

June 21st onwards – Rs 45,000

Foreign delegates

Early bird –USD 1000 – Till May 20th, 2023

June 21st onwards - USD 1200

Account Details

Cheque / DD drawn in favour of

“MSRUAS - M.S.Ramaiah Advanced Learning Center”

MSRALC Account No - 914010033412174

MICR Code - 560211017

NEFT/ IFSC Code - UTIB0000559

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For Registration Details Contact :

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Venue :

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Gnanagangothri Campus,
MSR Nagar, Bangalore 560 054

Academic Partners



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