

Basic Trauma Course October 2013

MSRALC and Department of Orthopedics, MSRMG

At

M S Ramaiah Advanced Learning Center

Bangalore, INDIA

Course Objectives :

- Emphasize Principles of Internal and external fixation
- Real Hands –On training for the young Orthopedic Surgeon
- Familiarize and correct choice of instruments and implants

 **President MSRALC** : Dr D C Sundaresh

Course Chairman : Dr Naresh Shetty

Invited Faculty :

- 1) Dr Rajagopalan N, Bangalore
- 2) Dr Ajith Kumar, Mangalore
- 3) Dr Udaykumar S.B, Bangalore
- 4) Dr Purushottam V.J, Bangalore
- 5) Dr Roshan Kumar B.N., Bangalore
- 6) Dr Rajkumar S. Amaravati, Bangalore

In House Faculty:

- 1) Dr Naresh Shetty
- 2) Dr Harshad M Shah
- 3) Dr Ajoy S.M.
- 4) Dr Ashok Kumar P
- 5) Dr Sandeep Reddy
- 6) Dr Ravikumar TV
- 7) Dr Prashanth Nagaraj
- 8) Dr Yashwanth Kumar C
- 9) Dr Raghavendra Rao
- 10) Dr Rahul P



Course Co-Ordinator : Dr Ajoy S. M.

Course Supported by – Adler Medieqip



Contact : 080 2218 2819
e-mail : info@msralc.org
website : www.msralc.org

October 25, 2013

1:15 PM : Opening Remarks

1:30 PM to 2:15 PM Basics of Internal Fixation

- 1) Principles and types of Screw
- Dr Rajkumar S Amaravati
- 2) Tension / Compression sides of a bone
- Dr Naresh Shetty
- 3) Lag Screw Principle - Dr Rajagopalan N
- 4) Tension Band Principle - Dr UdayKumar S.B.

10 mins each lecture followed by 5 mins discussion

Dry Bone Lab - All Faculty

2:15 PM to 3:00 PM

- 1) Lag Screw Fixation
- 2) Tension Band Wiring

3:00 PM to 3:45 PM

- 1) Absolute and Relative stability
- Dr Ajith Kumar
- 2) Plate Osteosynthesis
- DrPurushottam V J
- 3) Principles of External Fixators
- Dr H M Shah
- 4) Dynamic Hip Screw – Principles
- Dr Roshan Kumar B.N

10 mins each lecture followed by 5 mins discussion

3:45 to 4:00PM : Break

Dry Bone Lab - All Faculty

4:00PM to 5:00PM

- 1) Plate application
- 2) DHS application

October 26, 2013

Upper Limb

9:00AM to 10:30 AM:

Demonstration and Discussion

- Dr Rajagopalan N and DrAjith Kumar

Dr Udaykumar / Dr Roshan to moderate

Humerus – Anterior Approach and fixation
Posterior Approach and fixation

Olecranon - Approach and fixation

10:30 AM to 10:45 AM - Break

10:45 AM to 1:00PM – Hands on Practice

1:00PM to 1:45 PM – Lunch

1:45 PM to 3:15 PM

Demonstration and Discussion

- Dr Purushottam and Dr Roshan

DrAjith Kumar / Dr Udaykumar to moderate

Radial Head : Exposure and excision

Forearm bones : Exposure and Fixation

Distal radius Volar Exposure and Fixation

3:15 PM to 5:15 PM - Hands on Practice

5:15 PM – Tea and disperse

October 27, 2013

Lower limb

9:00AM to 10:30 AM

Demonstration and Discussion

- Dr Rajagopalan and Dr Roshan

Dr H M Shah/DrAjith/ Dr Purushottam to moderate

Ankle fractures – exposure and fixation Tibia
external fixator application

10:30 AM to 10:45 AM - Break

10:45 AM to 1:00PM – Hands on Practice

1:00PM to 1:45 PM – Lunch

1:45 PM to 3:00PM

Demonstration and Discussion

Smith – Petersen's Anterior and Watson- Jones

Anterolateral approach to Hip

Lateral approach to proximal femur

- Dr Udaykumar and Dr Purushottam

Dr Naresh Shetty / Dr Roshan to moderate

3:00 PM to 5:00 PM - Hands on Practice

5:00 PM : Concluding remarks

5:15 PM : Tea and disperse