

Spine Society of Australia: Trainee and Fellow Weekend on Spine Trauma

Program Outline - Draft

Saturday, July 15th

8.00 – 8.20am

Delegate Registration at Flinders University

8.20am

Welcome and Introduction - Kuru

8.30am

Spinal trauma / Demographics in Australia

8.40am

Biomechanics of trauma – definitions of instability, restoration of stability

9.00am

Imaging in trauma – spine clearance algorithms, CT v MRI

9.20am

Occipito-cervical trauma – case presentation

9.30am

OC diss/ Jefferson

9.40am

Odontoid/hangmans

9.50am

Discussion

10.00 – 10.30am

Morning tea & change for lab

10.30am

Lab Session 1

Cervical instrumentation presentation

C spine instability model

Restoration of stability - ACDF (fixed v variable screws), + Lat mass, - ACDF

11.20am

Forces – models with levers simulating injury force and implant stability

11.40am

Posterior cervical fixation, ? Anterior

12.30 – 1.30pm

Lunch

1.30pm

Case presentations

1.30pm

Sub-axial c spine trauma/ SLIC - case presentation

2.00pm

Discussion

2.10pm

Thoraco-lumbar trauma - case presentation

2.40pm

Discussion

2.50 – 3.20pm

Afternoon tea & change for lab

3.20pm

Lab Session 2

Thoracic instrumentation

Posterior vertebrectomy

? Burst fracture model

4.50pm

SCI – Case presentation

4.50pm

Lecture - emergency mx, surgery, emerging therapies, ?
Reconstructive options (tendon/nerve transfers)

5.30pm

Discussion/ cases

7.30pm

Course Dinner

Sunday, July 16th

8.00 – 8.20am

Delegate arrival Flinders University

8.30am

Lumbo-pelvic trauma case presentation

8.30am

Lecture

9.00am

Discussion

9.10am

Lectures

9.10am

Timing of surgery in trauma

9.20am

Spinal trauma in little people

9.30am

Discussion

9.40am

Spinal trauma in old people - osteoporosis, ank spond,dish

10.00am

Discussion

10.10 – 10.40am

Morning tea & change for lab

10.40am

Lab Session 3

Lecture pelvic fixation

Illiac fixn

SAI

bicortical S1

12.00 – 1.00pm

Lunch

1.00pm

Fracture healing, bone grafting

1.00pm

Lecture

1.20pm

Discussion

1.30pm

Controversies in spine trauma - elderly odontoid, burst fracture case presentation

1.30pm

Lecture

1.50pm

Complications in spine trauma

2.00pm

Outcomes in spine trauma

2.10pm

Discussion

2.30pm

Close and departure