



The Robert Jones & Agnes Hunt Orthopaedic Hospital NHS Foundation Trust



Basic Concepts, Principles and Performance of IONM

5 CPD points applied for.

A Third Masterclass in Intra-operative Neuro-Monitoring (IONM) For Spinal Surgery

In association with 'Neuromonitoring UK / www.neuromonitoringuk.org



Course Convener

Dr Sumeeta Conry
Consultant Anaesthetist
RJA Orthopaedic Hospital

Mr Neil Davidson
Consultant spinal surgeon,
Alder Hey and RJA Hospital

Venue

Conference Centre,
Robert Jones and Agnes
Hunt Orthopaedic Hospital,
Oswestry Shropshire

Attendees

Open to Anaesthetists,
Surgeons, Spinal Injury
Physicians, Clinical
Neurophysiologists

**Registration fee of £80
applies. Trainees half
price of £40. Lunch and
refreshments included.**

Programme

Date: Friday 22nd September 2017

08.30 - 09.00 Registration Tea/Coffee

09.00 - 09.10 Welcome - *Dr. Sumeeta Conry, Consultant anaesthetist, RJA orthopaedic hospital*

Session 1- Basic principles of IONM

09.10 - 09.30 Anatomical considerations for IONM in Spinal Surgery - *Michael Pridgeon, Specialist Healthcare Scientist and Intra-operative monitoring lead, Neurophysiology, The Walton Centre, Liverpool*

09.30 - 10.15 Basic principles and technique of IONM - *Michael Owen, Specialist in intra-operative neurophysiology - Medtronic*
Somatosensory evoked potential • Motor evoked potential • Electromyography

Session 2 - IONM and Spinal surgery - A surgeons perspective - Chair - Mr. Neil Davidson

10.15 - 12.10 - Introduction/Overview of IONM in Spinal surgery - *Mr. Neil Davidson, Consultant spinal surgeon, Alder Hey and RJA hospital*

- Selective Dorsal Rhizotomy and IONM - *Ms. Benedetta Pettorini, Consultant Neurosurgeon, Alder Hey Hospital, Liverpool*
- Use of IONM monitoring in lateral approaches to spine - *Mr. Matt Ockendon, consultant spinal surgeon, RJA, Oswestry*

Coffee break

- IONM for deformity surgery - *Mr. Neil Davidson, Consultant spinal surgeon, Alder Hey hospital, Liverpool*

Session 3 - Anaesthesia and IONM - Chair Dr. Sumeeta Conry

12.10 - 12.35 - Anaesthesia and neuromonitoring in patients with Neuromuscular scoliosis - *Dr. Rishi Diwan, Consultant Anaesthetist, Alder Hey, Liverpool*

12.35 - 13.00 - Physiologic and non anaesthetic factors affecting Evoked Potential. *Dr. Sumeeta Conry, Consultant anaesthetist, RJA*

13.00 to 13.45 Lunch Break

13.45 - 14.15 - Keynote lecture - IONM alerts and what it means to surgeons and anaesthetists - *Dr. Colin Shirley, Consultant Neurophysiologist, University hospital Birmingham*

Session 3

14.15 - 14.45 - Contraindications and patient safety during neuro monitoring - *Chris Hovey, Neurosign Manager, The Magstim company*

14.45 - 15.15 - Interactive Case presentations - *Dale Derbyshire, Clinical Physiologist, London*

Session 4 - Combined Workshop and Tea Break

15.15 - 16.00 a) Demo of electrode insertion on manikin - *Workshop with Pascal, Sarah Cowley, Spine specialist, Nuvasive*
b) ACDF and EMG Endotracheal tube - *Chris Hovey, Neurosign Business manager, The Magstim company*

16.00 - 16.30 - IONM and Litigation - 'Do I meet the Standard of Care' - Ask the panel - Chair - *Dr. Colin Shirley, Consultant Neurophysiologist, University hospital Birmingham*

16.30 - Evaluation form and close

Register online : www.orthopaedic-institute.org

Registration Fee of £80 applies. Lunch and refreshments included

For further information please contact Mrs. Alison Whitelaw

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