

# British Scoliosis Society

## Sheffield 21-23 April 2015

### Meeting overview

| Room                  | Tuesday 21 <sup>st</sup>         | Wednesday 22 <sup>nd</sup>                     | Thursday 23 <sup>rd</sup> |
|-----------------------|----------------------------------|------------------------------------------------|---------------------------|
| Memorial Hall         | 15.00-17.30 Instructional Course | BSS Meeting                                    | BSS Meeting               |
| Ballroom              | Learning stations + set-up       | Trade                                          | Trade                     |
| North Hall            | Learning stations                | Trade                                          | Trade                     |
| South Hall            | Learning stations                | Trade                                          | Trade                     |
| Vincent Harris Suite  | AHP Course                       | NMUK                                           | NMUK                      |
| John Barbirolli Suite |                                  | NMUK Trade                                     | NMUK Trade                |
| Arches Bar            |                                  | National Paediatric Anaesthesia Spinal Network |                           |

## Instructional Course: Tuesday 21 April

|             |                                                                                      |                                   |                                       |
|-------------|--------------------------------------------------------------------------------------|-----------------------------------|---------------------------------------|
| 10.00-10.30 | Registration & Tea/Coffee                                                            |                                   | Ballroom                              |
| 10.30-11.00 | EDF Casting                                                                          | Pauline Heaton                    | Ballroom                              |
| 11.00-13.00 | Learning Stations                                                                    | All Faculty                       | Ballroom / North Hall<br>/ South Hall |
| 13.00-14.00 | Lunch                                                                                |                                   | Ballroom                              |
| 14.00-16.00 | Learning Stations                                                                    | All Faculty                       | Ballroom / North Hall<br>/ South Hall |
| 16.00-16.30 | Tea/Coffee                                                                           |                                   | Ballroom                              |
| 16.30-17.00 | British Spine Registry demonstration                                                 | LM Breakwell                      | Memorial Hall                         |
| 17.00-17.30 | Surgical management of very high risk /<br>wheelchair patients with spinal deformity | Jeremy Fairbank<br>Richard Rogers | Memorial Hall                         |
| 17.30-18.00 | Case discussions                                                                     | Rex Michael                       | Memorial Hall                         |
| 18.00       | Close                                                                                |                                   |                                       |
|             |                                                                                      |                                   |                                       |
| 19.00-20.30 | Reception & Spine 'dating'                                                           |                                   | Town Hall                             |
| 20.30-      | Free evening                                                                         |                                   |                                       |

## Learning Stations

Candidates will be divided into small groups of 2 or 3 and spend 20-25 minutes at each learning station for interactive teaching with experienced Faculty.

1. Spinal Cord Monitoring
  - a. Interactive session demonstrating Intraoperative Spinal Cord Monitoring for Spinal Surgeons
2. Rod bending
  - a. Properties of different rods and how to bend in spinal deformity including hands-on
3. Sacro-pelvic Fixation
  - a. How to fix to the sacrum and pelvis including hands-on with pelvic models
4. Anaesthesia in Spinal Deformity Surgery:
  - a. Interactive session looking at anaesthesia in spinal deformity surgery including TIVA, Lidco, Cell Salvage, VTE, Patient positioning
5. Pedicle Screw Insertion
  - a. Thoracolumbar models for insertion of pedicle hooks, lamina hooks, TP hooks and sublaminar wires
6. Correction Techniques in Spinal Deformity
  - a. Once the implants are in, a hands on demonstration of options for deformity correction
7. Surgimap and Osteotomy planning
  - a. Using modern technology to plan complex spinal deformity corrections.
8. Growing Rods
  - a. Discussion around the options: Traditional growing rods, VEPTR, Magec, Shilla, Luque Trolley. Models will be available to demonstrate the principles
9. High Speed Burr
  - a. Hands on session to develop skills in using the high speed burr
10. Ultrasonic Bone Scalpel
  - a. Hands on session using the ultrasonic bone scalpel

## Faculty:

Rex Michael: Course Organiser

Sashin Ahuja

Michael Athanassacopoulos

Lee Breakwell

Ashley Cole

Bob Crawford

Jeremy Fairbank

Alex Gibson

Nigel Gummerson

Lyndsay Henderson

Vanessa Hodgetts

Vinay Jasani

Pete Millner

Judith Morgan

Ian Nelson

Ian Scivill

Anant Tambe

Thanos Tsirikos

## AHP Course: Tuesday 21 April

|             |                                                                 |                                |                      |
|-------------|-----------------------------------------------------------------|--------------------------------|----------------------|
| 10-10.30    | Registration & Tea/Coffee                                       |                                | Ballroom             |
| 10.30-11    | EDF Casting                                                     | Pauline Heaton                 | Ballroom             |
| 11-12       | Adolescent Idiopathic Scoliosis: Patient and Parent Perspective | Nina Duxbury<br>Mrs Duxbury    | Vincent Harris Suite |
| 12-12.30    | Spinal Cord Monitoring                                          | Ian Scivill                    | Vincent Harris Suite |
| 12.30-13    | Formetric                                                       | Caroline Hughes-Lawson         | Vincent Harris Suite |
| 13-14       | Lunch                                                           |                                | Ballroom             |
| 14-14.20    | British Spine Registry                                          | Lee Breakwell /<br>Ashley Cole | Vincent Harris Suite |
| 14.20-15.15 | Paediatric Spinal Anaesthesia                                   | Judith Morgan                  | Vincent Harris Suite |
| 15.15-16.30 | CNS / AHP Meeting                                               |                                | Vincent Harris Suite |
| 16.30       | Close                                                           |                                |                      |
|             |                                                                 |                                |                      |
| 19.00-20.30 | Reception & Spine 'dating'                                      |                                | Town Hall            |
| 20.30-      | Free evening                                                    |                                |                      |

## National Paediatric Spinal Anaesthesia Network Meeting: Wednesday 22 April

|             |                                                                                                                             |             |               |
|-------------|-----------------------------------------------------------------------------------------------------------------------------|-------------|---------------|
| 9.30-10.30  | Registration                                                                                                                |             | Arches Bar    |
| 10.30-12.30 | Case Discussions / audit / M&M<br>VTE mortality<br>Gabapentin and monitoring problems<br>Tranexamic acid<br>Pain management |             | Arches Bar    |
| 12.30-13.30 | Lunch                                                                                                                       |             | Ballroom      |
| 13.30-14.00 | TBC                                                                                                                         | Dev Patel   | Arches Bar    |
| 14.00-14.30 | Cardiac problems for scoliosis                                                                                              | Andy Tatman | Arches Bar    |
| 14.30-15.00 | Tea / Coffee                                                                                                                |             | Ballroom      |
| 15.00-15.45 | Systemic and Anaesthetic Effects on IOM                                                                                     | Tod Sloan   | Memorial Hall |
| 15.45-16.15 | Closing remarks                                                                                                             |             | Arches Bar    |

## British Scoliosis Society Meeting

### Wednesday 22 April

|             |                                                                 |                                |               |
|-------------|-----------------------------------------------------------------|--------------------------------|---------------|
| 8.30-9      | Registration                                                    |                                | Ballroom      |
| 9-10        | Free papers x9 (4+2)                                            |                                | Memorial Hall |
| 10-10.30    | Tea / Coffee                                                    |                                | Ballroom      |
| 10.30-11.30 | Discussion / Debate                                             |                                | Memorial Hall |
| 11.30-12.30 | Greg Houghton memorial Lecture:<br>Shilla Guided Growth for EOS | Rick McCarthy                  | Memorial Hall |
| 12.30-13.30 | Lunch                                                           |                                | Ballroom      |
| 13.30-14.30 | Free papers x9 (4+2)                                            |                                | Memorial Hall |
| 14.30-15.00 | Tea / Coffee                                                    |                                | Ballroom      |
| 15.00-15.45 | Systemic and Anaesthetic Effects on IOM                         | Tod Sloan                      | Memorial Hall |
| 15.45-16.30 | BSS Audit / BSR                                                 | Lee Breakwell / Irfan Siddique | Memorial Hall |
| 16.30-18.00 | BSS AGM                                                         | BSS Executive                  | Memorial Hall |
| 19.30-late  | BSS Annual Dinner (Black Tie)                                   |                                | Cutler's Hall |

### Thursday 23 April

|             |                                                                     |                           |               |
|-------------|---------------------------------------------------------------------|---------------------------|---------------|
| 8.30-9      | Tea / Coffee                                                        |                           | Ballroom      |
| 9-9.45      | Interactive session: Medicolegal Issues in Spinal Deformity Surgery |                           | Memorial Hall |
| 9.45-10.30  | EDF Casting in EOS                                                  | Hilali Nordeen            | Memorial Hall |
| 10.30-11    | Tea / Coffee                                                        |                           | Ballroom      |
| 11-11.45    | Ethical Dilemmas in Paediatric Spine for the New Age Spine Surgeon  | Rick McCarthy             | Memorial Hall |
| 11.45-12.30 | Free papers x6 (4+2)                                                |                           | Memorial Hall |
| 12.30-13.30 | Lunch                                                               |                           | Ballroom      |
| 13.30-14.30 | Pitfalls in Adult Deformity Surgery                                 | Sean Malloy<br>Ben Taylor | Memorial Hall |
| 14.30-15.15 | Free papers x6 (4+2)                                                |                           | Memorial Hall |
| 15.15-15.45 | Tea / Coffee                                                        |                           | Ballroom      |
| 15.45-16.30 | Coding and Payment in Spinal Deformity                              | Ashley Cole               | Memorial Hall |
| 16.30-17.00 | Interactive Session                                                 | John Webb                 | Memorial Hall |
| 17.00       | Prizes & Close                                                      |                           | Memorial Hall |

## NMUK Meeting

**Wednesday 22 April**

|             |                                                                        |                   |                       |
|-------------|------------------------------------------------------------------------|-------------------|-----------------------|
| 8.30-9      | Registration                                                           |                   | Ballroom              |
| 9-9.10      | Welcome and Introduction                                               |                   |                       |
| 9.10-9.40   | Optimising MEPs                                                        | Helen Grover      | Vincent Harris Suite  |
| 9.40-10     | Getting the best out of your IOM team                                  | Lindsay Henderson | Vincent Harris Suite  |
| 10-10.30    | Tea / Coffee                                                           |                   | John Barbirolli Suite |
| 10.30-11    | Monitoring D waves (TBC)                                               | Francesco Sala    | Vincent Harris Suite  |
| 11-11.30    |                                                                        |                   | Vincent Harris Suite  |
| 11.30-12.30 |                                                                        | Stanmore          | Vincent Harris Suite  |
| 12.30-13.30 | Lunch                                                                  |                   | Ballroom              |
| 13.30-13.50 | Management of the Spinal Cord at risk during spinal surgery            | Pradeep Madhavan  | Vincent Harris Suite  |
| 13.50-14.20 | Difficulties of pedicle screw insertion from the surgeon's perspective | Am Rai            | Vincent Harris Suite  |
| 14.30-15.00 | Tea / Coffee                                                           |                   | John Barbirolli Suite |
| 15.00-15.45 | Systemic and Anaesthetic Effects on IOM                                | Tod Sloan         | Memorial Hall         |
| 15.50-16.15 | Thoracic Pedicle Testing                                               | Helen Grover      | Vincent Harris Suite  |
| 16.15-16.30 | Case Study: Unilateral loss of MEPs in Friedreich's Ataxia patient     | Gareth Thomas     | Vincent Harris Suite  |
| 16.30-16.50 | IOM and the British Spine Registry                                     | Ian Scivill       | Vincent Harris Suite  |

**Thursday 23 April**

|             |                                         |                           |                       |
|-------------|-----------------------------------------|---------------------------|-----------------------|
| 8.30-9      | Tea / Coffee                            |                           | Ballroom              |
| 9-9.30      | TBC                                     | Tod Sloan                 | Vincent Harris Suite  |
| 9.30-10     | Monitoring for Charity in India         | Mushtaq Shaikh            | Vincent Harris Suite  |
| 10-10.30    | Using EEG during Spinal Cord Monitoring | Ivana Jankovic            | Vincent Harris Suite  |
| 10.30-11    | Tea / Coffee                            |                           | John Barbirolli Suite |
| 11-11.30    | IOM is here to stay                     | Francesco Sala            | Vincent Harris Suite  |
| 11.30-12    |                                         |                           | Vincent Harris Suite  |
| 12-12.30    |                                         |                           | Vincent Harris Suite  |
| 12.30-13.30 | Lunch                                   |                           | Ballroom              |
| 13.30-14.30 | Pitfalls in Adult Deformity Surgery     | Sean Malloy<br>Ben Taylor | Memorial Hall         |
| 14.35-14.55 | IOM across the pond                     | Melissa Kirkup            | Vincent Harris Suite  |
| 14.55-15.15 |                                         |                           |                       |
| 15.15-15.45 | Tea / Coffee                            |                           | John Barbirolli Suite |
| 15.45-16.00 | Case Studies                            | Dale Darbyshire           | Vincent Harris Suite  |
| 16.00       | Close / Open discussion                 |                           | Vincent Harris Suite  |