Spinal sonography – Day 1
Wednesday 10 October 2018
Organisers: Dr Vijay Kumar, Scunthorpe and Dr Devendra Tilak, Warwick
Location: 21 Portland Place, London, W1B 1PY

Lectures and demonstrations

09:10 Registration
09:40 Introduction
09:45 Ultrasound guided injection techniques
Dr Madan Narayanan, Surrey
10:15 Applied anatomy for spinal sonography
Dr Vijay Kumar, Scunthorpe
11:00 Caudal and facet joint injections
Dr Shankar Ramaswamy, London
11:45 Thoracic epidural and paravertebral blocks
Dr Yehia Kamel, Leicester and Dr Madan Narayanan, Surrey
12:30 Lunch
13:30 Lumbar epidural and subarachnoid blocks
Dr Vijay Kumar, Scunthorpe
14:15 Cervical spine
Dr Devendra Tilak, Warwick
15:00 Lumbar plexus, Quadratus Lumborum and Erector Spinae blocks
Dr Kaushik Dasgupta, Nuneaton
15:45 Paediatric spine sonography
Dr Rishi Diwan, Liverpool
16:30 Discussion and feedback
16:45 Close
The use of ultrasound in anaesthetic practice has opened up exciting possibilities. Spinal sonography is one of the many applications where ultrasound can be used not only to improve the success of procedures done on the spine by anaesthetists and chronic pain physicians, but also to reduce the incidence of complications. Assist devices to perform USG interventions including innovative Loughborough Pre Scan Needle Guides will also be discussed during the day.

**Domain 1: Knowledge, skills and performance, Domain 2: Safety and quality, 2G02, 2G03, 3A09, 3E00**

**Learning objectives:**

1. The aim of this seminar is to give an introduction to spinal sonography via lecture demonstrations, and extensive hands on scanning of volunteers.
2. The areas covered will include anaesthesia/analgesia and chronic pain procedures on cervical, thoracic and lumbar spine (including paravertebral procedures) and caudal blocks.

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Equipment kindly provided by [SonoSite](https://www.sonomedical.com)
Spinal sonography – Day 2
Thursday 11 October 2018
Organisers: Dr Vijay Kumar, Scunthorpe and Dr Devendra Tilak, Warwick
Location: 21 Portland Place, London, W1B 1PY

Workshops
09:20 Registration

09:45 Groups to rotate in following stations throughout the day:

1. Injection techniques
   Dr Zubair Tariq, Leicester

2. Cervical spine
   Dr Devendra Tilak, Leicester

3. Thoracic epidural and paravertebral blocks
   Dr Yehia Kamel, Leicester

4. Lumbar epidural and subarachnoid blocks
   Dr Vijay Kumar, Scunthorpe

5. Lumbar plexus, Quadratus Lumborum and Erector Spinae blocks
   Dr Rishi Diwan, Liverpool and Dr Kaushik Dasgupta, Nuneaton

6. Caudal and facet joint injections
   Dr Deepak Subramani, Nuneaton

12:00 Lunch

13:00 Workshops continue

14:30 Tea break

15:00 Workshops continue

15:45 Discussion and feedback

16:30 Close
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Domain 1: Knowledge, skills and performance, Domain 2: Safety and quality, 2G02, 2G03, 3A09, 3E00

Learning objectives:

3. The aim of this seminar is to give an introduction to spinal sonography via lecture demonstrations, and extensive hands on scanning of volunteers.

4. The areas covered will include anaesthesia/analgesia and chronic pain procedures on cervical, thoracic and lumbar spine (including paravertebral procedures) and caudal blocks.

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