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| 16th Newcastle Ultrasound Guided Regional Anaesthesia Cadaver Needling Course |
| **15th & 16th January 2024** |

**Venue:**

**Dept of Anatomy & Clinical Skills**

**School of Medicine; Newcastle University; Framlington Place NE2 4HH**

(Closest Metro – Hay Market; Parking: Paid Parking available on Claremont Road car park NE2 4AA)

15th June 2023 (Thursday)

**8:30-9:00 – Registration**

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| 9:00- 9:30 - LECTURE  Ultrasound Physics & Scan Optimisation Tips - Dr R Arumugam / (30 min) |

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| 09:30- 10:15- Ultrasound Knobology & Needling practice on Phantom Gel/ Turkey Legs |

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| Station 1: Knobology & Needling | Faculty: |
|  | **Drs Goodman, Adala** |
| Station 2: Knobology & Needling | Faculty: |
|  | **Drs Womack, Mohamed** |
| Station 3: Knobology & Needling | **Faculty:** |
|  | **Drs Harish, Blundell** |
| Station 4: Knobology & Needling | **Faculty:** |
|  | **Drs Natarajan, Ramesh** |
| Station 5: Knobology & Needling | **Faculty:** |
|  | **Drs Gray, Koneti** |
| Station 6: Knobology & Needling | **Dr Roberts , Dr Gupta** |
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**10:15-10:30 Refreshment Break**

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| 10:30 to 11:00- Upper Limb Sonoanatomy  Above Clavicle- Dr James Stimpson (Lecture) / Dr Womack (Demo) |

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| *11:00 – 12:15 – Cadaveric anatomy demonstration- Dr M Swamy*  *- Model Scanning & Cadaveric Needling* |

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| Station 1: Upper limb – Interscalene, Supraclavicular | Faculty: |
|  | **Goodman, Blundell** |
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| Station 2: Upper limb – Interscalene, Supraclavicular | Faculty: |
|  | **Womack, Mohamed** |
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| Station 3: Upper limb – Interscalene, Supraclavicular | **Faculty:** |
|  | **Stimpson, Adala** |
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| Station 4: Upper limb – Interscalene, Supraclavicular | **Faculty:** |
|  | **Natarajan, Roberts** |
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| Station 5: Upper limb – Interscalene, Supraclavicular | **Faculty:** |
|  | **Gray, Koneti** |
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| Station 6: Upper limb – Interscalene, Supraclavicular | **Faculty:** |
|  | **Gupta, Ramesh, Vel** |

**12:15-13:00 Lunch**

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| 13:00 – 13:30 – LECTURE/ Demo  Upper Limb Sonoanatomy-  Below Clavicle- Dr Vel / Dr James Stimpson (Demo) (30 min) |

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| *13:30 – 15:00 – Cadaveric anatomy demonstration- Dr M Swamy*  *- Model Scanning & Cadaveric Needling* |

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| Station 1: Upper limb – Infraclavicular, axillary, peripheral nerves | Faculty: |
|  | **Goodman, Mohamed** |
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| Station 2: Upper limb – Infraclavicular, axillary, peripheral nerves | Faculty: |
|  | Womack; Roberts, Adala |
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| Station 3: Upper limb – Infraclavicular, axillary, peripheral nerves | Faculty: |
|  | **Harish, Blundell** |
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| Station 4: Upper limb – Infraclavicular, axillary, peripheral nerves | Faculty: |
|  | **Natarajan, Stimpson** |
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| Station 5: Upper limb – Infraclavicular, axillary, peripheral nerves | Faculty: |
|  | **Gray, Vel, Koneti** |
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| Station 6: Upper limb – Infraclavicular, axillary, peripheral nerves | Faculty: |
|  | Gupta, Ramesh |

**15:00- 15:15 – Refreshment Break**

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| 15:15 – 15:45 - LECTURE / Demo  Torso/ Abdominal blocks- Sonoanatomy – PECS/ TAP / Rectus sheath & Others  Dr Natarajan / Dr Womack (Demo) |

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| *15:45- 17:00 - Cadaveric anatomy demonstration- Dr M Swamy*  -  *Model Scanning & Cadaveric Needling* |

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| Station 1: TAP / Rectus sheath / II & IH / PECS | Faculty: |
|  | **Goodman, Harish** |
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| Station 2: TAP / Rectus sheath / II & IH / PECS | Faculty: |
|  | **Womack, Gray** |
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| Station 3: TAP / Rectus sheath / II & IH /PECS | Faculty: |
|  | **Stimpson, Blundell** |
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| Station 4: TAP / Rectus sheath / II & IH / PECS | Faculty: |
|  | **Natarajan, Mohamed, Ramesh** |
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| Station 5: TAP / Rectus sheath / II & IH / PECS | Faculty: |
|  | **Koneti, Roberts, Gupta** |
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| Station 6: TAP / Rectus sheath / II & IH / PECS | Faculty: |
|  | **Vel, Adala** |
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End of Day 1 – Course Dinner from 6:00 PM

**Venue:** Chillipadi (Malaysian Restaurant) @ 6-10 Leazes Park Road, NE1 4PF

16th June 2023 (Friday)

**8:00-8:30 – Registration**

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| 08:30– 09:00 LECTURE  LA Toxicity & Safety in Regional Anaesthesia – Dr Mo Mohamed |
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| **09:00-09:30- LECTURE / Demo**  **Sonoanatomy Lower limb- Fascia iliaca, Femoral, Obturator, Lateral Femoral Cutaneous Nerves / PENG / Adductor Canal– Dr Gupta / Dr Narayanan (Demo)** |
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| 09:30 – 10:45 - *Cadaveric anatomy demonstration- Dr M Swamy*  - *Model Scanning & Cadaver Needling* |

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| Station 1: Lower Limb – FI/ Fem/ Obturator/ LFCN, Saphenous | **Faculty:** |
|  | **Goodman, Blundell,** |
|  | **Adala** |
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| Station 2: Lower Limb – FI/ Fem/ Obturator/LFCN/ Saphenous | **Faculty:** |
|  | **Womack, Bird** |
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| Station 3: Lower Limb – FI/ Fem/ Obturator/LFCN/ Saphenous | **Faculty:** |
|  | **Stimpson, Ramesh** |
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| Station 4: Lower Limb – FI/ Fem/ Obturator/LFCN/ Saphenous | **Faculty:** |
|  | **Vel, Harish, Mohamed** |
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| Station 5: Lower Limb – FI/ Fem/ Obturator/LFCN/ Saphenous | **Faculty:** |
|  | **Gray, Koneti, Natarajan** |
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| Station 6: Lower Limb – FI/ Fem/ Obturator/LFCN/ Saphenous | **Faculty:** |
|  | **Madan, Gupta, Roberts** |

**10:45 -11:00 - Refreshment Break**

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| 11:00 -11:30- LECTURE  Sonoanatomy - Lower limb- Sciatic, Popliteal, IPACK and Ankle blocks  Dr Goodman / Dr Roberts (Demo) |

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| 11:30 – 12:45 - *Cadaveric anatomy demonstration- Dr M Swamy*  - *Model Scanning & Cadaveric Needling* |

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| Station 1: Lower limb – Sciatic, popliteal, IPACK, ankle | Faculty: |
|  | **Womack, Natarajan** |
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| Station 2: Lower limb – Sciatic, popliteal, IPACK, ankle | Faculty: |
|  | Madan, Gray, Adala |
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| Station 3: Lower limb – Sciatic, popliteal, IPACK, ankle | **Faculty:** |
|  | **Stimpson, Mohamed** |
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| Station 4: Lower limb – Sciatic, popliteal, IPACK, ankle | **Faculty:** |
|  | **Vel, Harish, Roberts** |
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| Station 5: Lower limb – Sciatic, popliteal, IPACK, ankle | **Faculty:** |
|  | **Goodman, Bird, Koneti** |
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| Station 6: Lower limb – Sciatic, popliteal, IPACK, ankle | **Faculty:** |
|  | **Gupta, Blundell, Ramesh** |

12:45 – 13:30 LUNCH BREAK

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| 13:30-14:00– LECTURE  Sonoanatomy - Neuraxial, Paravertebral, ESPB  Dr Womack / Dr Goodman (Demo) (30 min) |

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| 14:00 – 15:15 - *Cadaveric anatomy demonstration- Dr M Swamy*  - *Model Scanning & Cadaver Needling* |

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| Station 1: Neuraxial, Paravertebral, ESPB | Faculty: |
|  | **Goodman, Adala** |
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| Station 2: Neuraxial, Paravertebral, ESPB | Faculty: |
|  | **Womack, Natarajan, Vel** |
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| Station 3: Neuraxial, Paravertebral, ESPB | **Faculty:** |
|  | **Ramesh, Mohamed, Stimpson** |
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| Station 4: Neuraxial, Paravertebral, ESPB | **Faculty:** |
|  | **Madan, Bird, Koneti** |
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| Station 5: Neuraxial, Paravertebral, ESPB | **Faculty:** |
|  | **Gray, Roberts** |
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| Station 6: Neuraxial, Paravertebral, ESPB | **Faculty:** |
|  | **Blundell, Harish, Gupta** |

**15:15 – 15:30 Refreshment Break**

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| 15:30 – 17:30 – Delegates’ Time - Practice of Ultrasound Guided Cadaveric Needling Facilitator- Dr Womack |

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| Station 1: Dr Gupta, Dr Blundell |
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| Station 2: Dr Womack, Dr Gray |
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| Station 3: Dr Bird, Dr Ramesh |
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| Station 4: Dr Madan, Dr Mohamed |
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| Station 5: Dr Harish, Dr Adala |
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| Station 6: Dr Goodman, Dr Koneti |

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| 17:30 e-Feedback & e-Certificates |

**Faculty**

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| Dr Kiran Koneti  Course Organiser (Lectures)  Consultant Anaesthetist/ Pain Management  South Tyneside & Sunderland NHS Trust  Sunderland | **Dr Ramesh Arumugam**  **Course Organiser (Workshops)**  **Consultant Anaesthetist**  **South Tyneside NHS Foundation Trust**  **South Tyneside** |
| Dr Jonathan Womack  Course Organiser (Cadaveric Anatomy)  RA-UK Member  Consultant Anaesthetist  RVI Newcastle upon Tyne | **Dr Vel Velayutham**  **Course Instructor**  **Consultant Anaesthetist**  **Royal Preston Hospital**  **Preston** |
| Dr Lewis Gray  Course Instructor  Consultant Anaesthetist/ Intensivist  Newcastle upon Tyne | **Dr Madan Narayanan**  **Course Instructor**  **EDRA Examiner,**  **Frimley Park Hospital, UK** |
| Dr Mohamed Mohamed  Consultant Anaesthetist,  Trauma & RA Lead,  AFSRA -Scientific Committee Head  Cumberland Infirmary, Carlisle | **Dr Ben Goodman**  **Course Instructor**  **Consultant Anaesthetist**  **RVI, Newcastle upon Tyne** |
| Dr Meenakshi Swamy  Course Instructor (Cadaver Prosections)  Senior Lecturer, Clinical Anatomy- Lead,  Dept. of Anatomy, Medical School  Newcastle University | **Dr Suresh Natarajan**  **Consultant Anaesthetist,**  **St James Hospital**  **Dublin** |
| Dr Louise Roberts  Consultant Anaesthetist  South Tyneside & Sunderland NHS Trust  Sunderland  Dr Ashwani Gupta  Consultant Anaesthetist,  EDRA Examiner,  Gateshead Hospital NHS Trust  Dr Harish Krishnamurthy  Course Instructor,  Consultant Anaesthetist, RVI  Dr Maria Paz Sebastian  Course Instructor,  Consultant Anaesthetist,  National Orthopaedic Hospital, Stanmore | **Dr Mike Blundell**  **Course Instructor**  **Consultant Anaesthetist**  **Northumbria Health Care NHS Trust**  **Dr James Stimpson**  **Consultant Anaesthetist**  **Peterborough**  **Dr Rachael Bird**  **Consultant Anaesthetist,**  **Freeman Hospital, Newcastle**  **Dr Nat Haslam**  **RA-UK President Elect,**  **Course Instructor,**  **STSFT, Sunderland** |