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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 SonoanatomyAbove 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/ DemoUpper 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 / DemoTorso/ 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 blocksDr 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, ESPBDr 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 KonetiCourse Organiser (Lectures)Consultant Anaesthetist/ Pain ManagementSouth Tyneside & Sunderland NHS TrustSunderland  | **Dr Ramesh Arumugam****Course Organiser (Workshops)****Consultant Anaesthetist****South Tyneside NHS Foundation Trust****South Tyneside** |
| Dr Jonathan WomackCourse Organiser (Cadaveric Anatomy)RA-UK MemberConsultant AnaesthetistRVI Newcastle upon Tyne | **Dr Vel Velayutham****Course Instructor****Consultant Anaesthetist****Royal Preston Hospital****Preston** |
| Dr Lewis GrayCourse InstructorConsultant Anaesthetist/ IntensivistNewcastle upon Tyne | **Dr Madan Narayanan****Course Instructor****EDRA Examiner,** **Frimley Park Hospital, UK** |
| Dr Mohamed MohamedConsultant Anaesthetist,Trauma & RA Lead, AFSRA -Scientific Committee HeadCumberland Infirmary, Carlisle | **Dr Ben Goodman****Course Instructor****Consultant Anaesthetist****RVI, Newcastle upon Tyne** |
| Dr Meenakshi SwamyCourse Instructor (Cadaver Prosections)Senior Lecturer, Clinical Anatomy- Lead,Dept. of Anatomy, Medical SchoolNewcastle University | **Dr Suresh Natarajan****Consultant Anaesthetist,** **St James Hospital****Dublin** |
| Dr Louise RobertsConsultant AnaesthetistSouth Tyneside & Sunderland NHS TrustSunderlandDr Ashwani Gupta Consultant Anaesthetist, EDRA Examiner, Gateshead Hospital NHS Trust Dr Harish Krishnamurthy Course Instructor,Consultant Anaesthetist, RVIDr Maria Paz SebastianCourse 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** |