



Ultrasound In Neurosurgery Training Course

1st and 2nd February 2018

INTRODUCTION

Neuro-navigation is now standard armamentarium in every-day use but has the limitation of relying on pre-operative imaging and thus not providing real time imaging. Interpretation of ultrasound is difficult and has limited its use in neurosurgery. With refinement of image quality, the ability to fuse with CT/MRI navigation and improvement in understanding the interpretation of images makes the use of ultrasound a very important tool.

This hands-on course aims to provide a comprehensive overview and training in the use of ultrasound in all aspects of neurosurgery, ranging from cranial to spinal cases, as well it's use in diagnostics (LP, TCD) and therapeutic procedures for pain (e.g. cervical nerve root block) .

SUITABILITY

This course is suitable for trainees, non-trainees (ST1-8 equivalent) and junior consultants.

VENUE

Queen Elizabeth Hospital Birmingham, United Kingdom

REGISTRATION

Please send an email to neuroultrasound@uhb.nhs.uk to request a registration form

COURSE FEES* - 2 days (includes course dinner 1st Feb, accommodation not included)

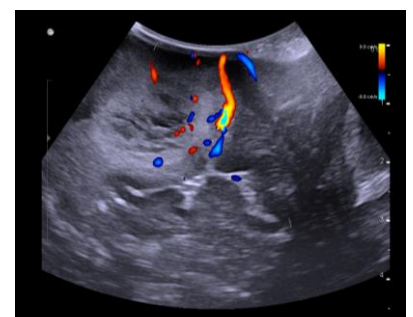
Early Bird Fees (until 31st December 2017) £200

Standard Fees £250

**All profits will be donated to QEHB Charity*

OBJECTIVES of the course

- Setting up the ultrasound
- Principles and physics of ultrasound
- Image interpretation
- Neuro-oncology / Vascular / Spine / CSF cases
- Procedural training – lumbar puncture, TCD, EVD/shunt insertion
- Ultrasound guided spinal injections for pain
- Integration with neuro-navigation
- MR guided focused ultrasound



Course Director: Mr Ismail Ughratdar (Consultant Neurosurgeon)

Course Organisers: Mr Athanasios Zisakis (Neuro-oncology fellow)
Mr Ahmad Moussa (Neuro-oncology fellow)
Mr Bassel Zebian (Consultant Neurosurgeon)

CPD Accreditation applied for