

High Speed Neurosurgery Drilling Course

Venue: St George's, University of London

Date: 7th July 2023 (10:00-17:00)

Room – Hunter Wing, H4.18B and H4.18C (08:30 – 18:00) and H2.8BR lunch (07:00 – 18:00)

An interactive course aimed to build understanding and provide hands-on experience of High-Speed Drills. The candidates will learn the basic skills and techniques for high-speed drilling.

The course will cover:

- Identify, set-up and disassemble High Speed Drills.
- Differentiate between attachment and cutting accessories and their respective applications.
- Short presentations preceding the hands-on training will support the practical work.
- Practice on saw bone and models.

Course Programme:

- 10:00 Registration
- 10:20 Welcome (Fay Greenway)
- 10:30 Burrholes and EVDs - tunnelled and bolt EVDs (Samantha Hettige)
- 11:00 Intracranial pressure monitoring (Fay Greenway)
- 11:20 Mini and standard craniotomies (Mohamed Abdallah)
- 11:50 Drilling in spinal surgery (Erlick Pereira)
- 12:15 Lunch – sponsored by Stryker
- 13:00 Drills, burr types, cutting behaviour and safety (Caleb Ansah, Stryker)
- 13:45 Practical, ICP and EVDs demonstrations Drilling exercises (All faculty)
- 16:30 Questions and Feedback (Fay Greenway)
- 16:45 End and certificates collection (Fay Greenway)

Course leads: Fay Greenway and Erlick Pereira Consultant Neurosurgeons, St George's University Hospital.

Course Sponsor: Stryker

Faculty Members

Fay Greenway, Consultant Neurosurgeon at St George's University Hospital NHS Trust.

Samantha Hettige, Consultant Neurosurgeon at St George's University Hospital NHS Trust.

Mohamed Abdalla, Consultant Neurosurgeon at St George's University Hospital NHS Trust.

Erlick Pereira, Consultant and Reader in Neurosurgery at St George's, University of London.

Caleb Ansah, Stryker.