

## QMC Craniotomy Simulator Course

Course Convenor: Mr R D Ashpole FRCS Consultant Neurosurgeon,  
Nottingham University Hospitals NHS Trust

**This two day course provides medical representatives with the ideal foundation to gain practical knowledge of neurosurgical products, including use of the ROWENA Neurosurgical Simulator.**

**Evidence shows that this course significantly 'improves their operative performance' to more accurately meet the needs of surgical teams\*.**

### Sophie

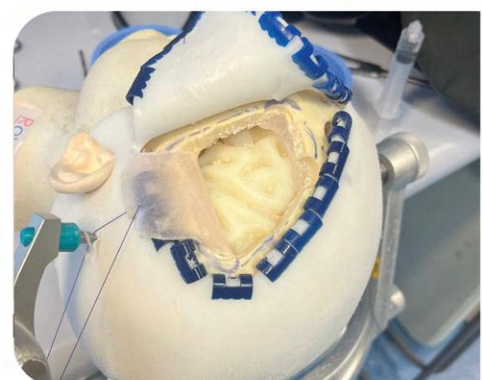
“ As a medical representative it was invaluable to see the application of my products from the surgeons point of view. I would recommend the course to other medical device companies looking to expand their teams knowledge. ”

### Jessica

“ It was great to get hands on experience using surgical instruments & medical devices along with ROWENA heads and Doro skull clamp systems. Not only do you insert various medical devices including shunt and EVD catheters & ICP bolts, you also get to position and pin the ROWENA head as you would in theatre. ”

The course had a very relaxed environment, where I felt comfortable asking questions which you may not get to ask in a clinical environment.

This is an excellent course for medical device sales companies looking to expand their teams knowledge and experience in neuro. ”



**For details of the next course contact 'Trent Simulation & Clinical Skills Centre' email: [sharon.martin@nuh.nhs.uk](mailto:sharon.martin@nuh.nhs.uk) or visit [www.nuh.nhs.uk/courses](http://www.nuh.nhs.uk/courses)**

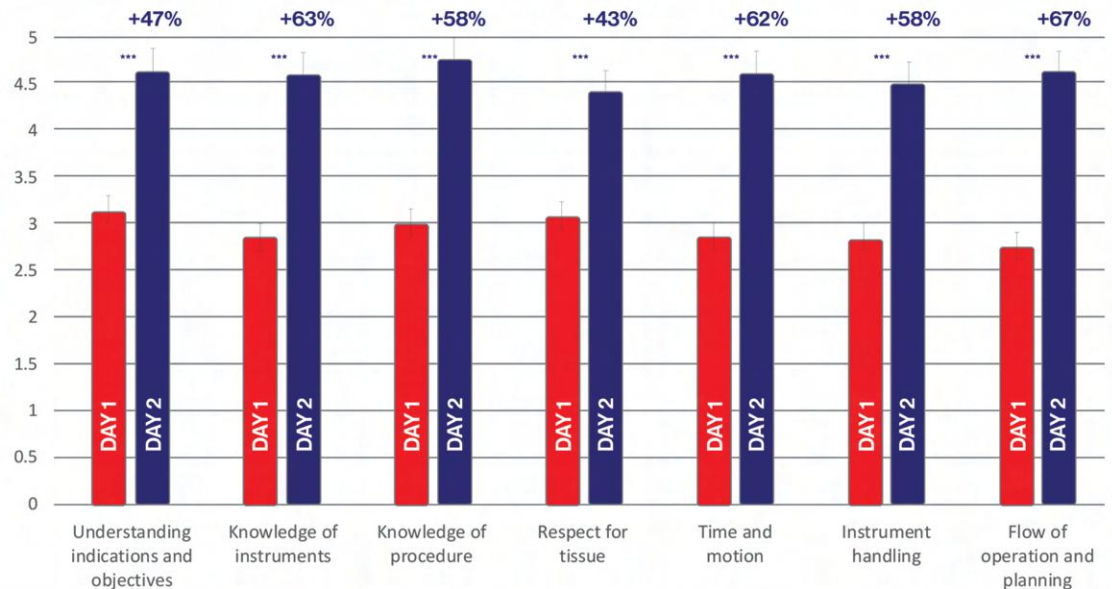


## “Neurosurgical Operative Performance Is Improved By High Fidelity Craniotomy Simulation”

Study undertaken to assess if *ab initio* neurosurgical trainees’ surgical skills improve from ROWENA workshops

102 candidates  
in 14 workshops  
over 8½ years

Participants’  
operative ability  
improved significantly  
in both groups



**Conclusion:** Data suggests ROWENA is a useful training platform in early neurosurgical training with newer modifications to ROWENA may facilitate learning of more advanced neurosurgical skills

Study undertaken by Ashwin Kumaria, Girish Kulkarni, Richard Ashpole, (Queen’s Medical Centre, Nottingham, UK) and presented at SBNS Edinburgh, Royal Infirmary of Edinburgh, 17.04.24.

## Rowena® Realistic Operative Workstation For Educating Neurosurgical Apprentices

Designed by a practising UK neurosurgeon, Rowena® is a 4 part simulator for teaching adult & paediatric basic neurosurgical techniques & anatomical approaches.

### Key Features

- Adult & paediatric versions
- Realistic skull base anatomy
- Brains available with standard or large ventricles, falx and tumours
- Replaceable upper cranium with scalp, bone and dural layers
- Dural layer incorporates realistic vascular markings

