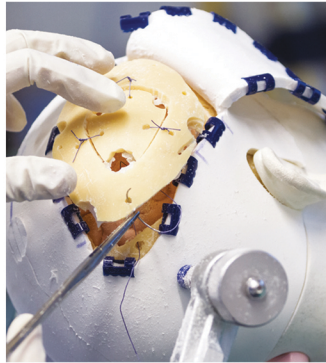


Realistic Operative Workstation For Educating Neurosurgical Apprentices

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



Key Features

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

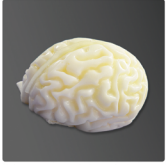
Procedure Simulation Includes:

- Transsphenoidal approach
- Positioning head in a 3-point headrest
- Twist drill hole & ICP bolt placement
- Completing bone flaps using a Gigli saw & guide, craniotome or high speed drills
- Securing and opening the dura; dural suturing and closure & skin stapling
- Practising bone flap fixation techniques inc sutures, plates, screws & meshes
- Scalp incisions & turning flaps including use of Raney clips
- Drilling burr holes using a Hudson brace + different burrs & perforators
- Use of a craniotome or high speed drill with realistic feedback
- Fully Ultrasound compatible, can be used for training
- CT & MRI compatible, easily used with neuro-navigation systems



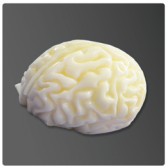
RA3-03

Head base unit with Transsphenoidal insert



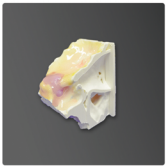
RB8-01

Brain, no ventricles and two tumours



RB10-01

Brain with standard ventricles and two tumours



RS1-03

Transsphenoidal module includes pituitary tumour



RB7-01

Brain with large ventricles and two tumours and falx



RC3-01

Cranium top



DBA2-01

Paediatric head base unit



DBB4-01

Paediatric brain



DBB5-01

Paediatric brain with standard ventricles



DBC3-01

Paediatric cranium top



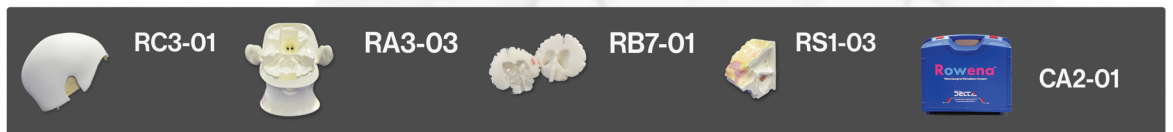
CA2-01

Adult head storage case

Adult & Paediatric Sets

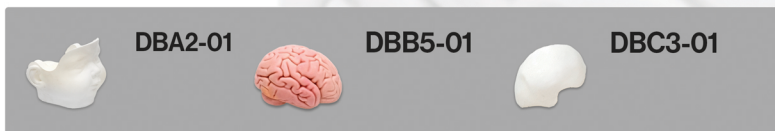
Rowena Set 9

Adult set



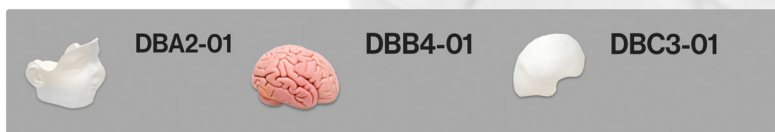
Rowena Set 8

Paediatric set



Rowena Set 7

Paediatric set



Rowena Sets are designed to provide a simple and cost effective ordering option.

For more details on any of the Rowena parts listed, please contact us.