

Craniotomy Trainer

Y-CRN-A-0005



Our SynAtomy Craniotomy Trainer is a realistic medical training platform ideal for teaching the techniques associated with cranial access. With this trainer, students will be able to learn and master surgical techniques on biohazard-free material that looks, feels, and behaves like live human tissue.

This model includes a realistic calvarium with skin, subcutaneous tissue, dura mater, subarachnoid membrane, pia mater, and gray matter.

Relevant Skills: Craniotomy, high speed bone sawing, bone flapping, bone removal, irrigation, skin incising and subcutaneous cutdown.

Included Components: Cranial part of the brain, calvarium, arachnoid membrane, Dura mater, dermal tissue layers and subcutaneous tissue layer.

Available Options: Choose skin tone, operational pump base, complex vascular anatomy, pathological aneurysm, pathological cyst or pathological mass.

Equipment Compatibility: Standard Imaging equipment (Ultrasound, MRI, CT, x-ray, etc.), scalpels, aneurysm needles, artery forceps, grooved directors, haemostatic forceps, dissecting forceps, scissors, ligatures, auto suturing devices, auto stapling devices, craniotomes, high speed lateral cutting drills, high speed boring drills, ultrasonic cutting devices, bone grafting and flapping structures.

Lateral Canthotomy Trainer

Y-CAN-A-0005



Our SynAtomy Canthotomy Trainer is a realistic medical training platform ideal for teaching the techniques associated with lateral and medial canthotomy. For clinicians, training in this procedure is important due to the limited time before orbital pressure can cause vision loss, which may occur before a patient can reach a specialist.

The model includes the posterior orbital and nasal section of the skull, 4 newton dermal tissue layer, subcutaneous tissue, lateral and medial canthus, periorbital ecchymosis and exophthalmos.

Relevant Skills: Ophthalmologic procedure model for a lateral and medial canthotomy for temporary relief from orbital compartment syndrome, injectable anesthetic in subcutaneous tissue on lateral and medial canthus site and dermal tissue cut-down.

Included Components: Posterior orbital and nasal section of the skull, 4 newton dermal tissue layer, subcutaneous tissue, lateral and medial canthus, periorbital ecchymosis and exophthalmos. Product is shipped vacuum packed in a durable travel and storage container.

Equipment Compatibility: Injectable local anesthesia needle, Small hemostats, iris or Stephen scissors.