SynDaver Labs

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SynAtomy Basic Student Tissue Pack   160360

Our SynAtomy student tissue pack provides lifelike medical training material for students who seek to learn new techniques and improve hand-eye coordination associated with phlebotomy, knot tying, intramuscular and intravenous injection, suturing and anastomosis.

This pack is bundled with our basic suturing kit and includes simplified versions of our patented SynTissue™ brand synthetic human tissues. Designed with extensive input from our medical device, hospital and military clients, these materials exhibit realistic puncture resistance, suture holding, and electrocautery, laser scalpel and plasma knife performance.

SynTissue brand synthetic human tissue components are designed on the basis of physical tests performed on actual living tissue. Each synthetic tissue is validated (tensile modulus, abrasion resistance, penetration force, coefficient of friction, thermal conductivity, dielectric constant, etc.) under the same physical conditions as the live tissue it is designed to simulate. The resulting synthetic tissue responds to stimulus much like real living tissue.

Relevant Skills: Placement and removal of sutures and staples, anastomosis, laceration repair, cannulation and application of adhesives.

Equipment Compatibility: Laser scalpels, electrocautery and RF ablation devices, harmonic blades, monopolar and bipolar devices, plasma knives, ultrasound equipment and all known imaging equipment.

Included Components: Pack includes a basic suture pad, knot tying pad, double layered bowel and two anastomosis vessels.

Dimensions: Standard dimensions for each tissue type.

Extraordinary Features: SynTissue synthetic human tissues made from salt, water and fiber—which feature the world's most realistic tactility. SynTissue synthetic human tissues match the acoustical characteristic of real human tissue.

All of our products are made in the USA.