

SynAtomy Vas Deferens

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Our SynAtomy vas deferens segments are designed for use in anastomosis training. Product is supplied as three discrete segments, each of which may be reused many times.

This model employs 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, 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, and 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 the real living tissue.

Included Components

Three vas segments.

Dimensions

3mm x 7cm (OD x L)

Relevant Skills

Manual and robotic-assisted anastomosis.

Equipment Compatibility

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

Available Options

If you require custom tissues, dimensions, or modified mechanical properties please call and ask to speak to one of our technical sales representatives.

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.