

SynAtomy Basic Suturing Skills

These tissues were designed with extensive input from our medical device, hospital and military clients to 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 the real living tissue.

Equipment Compatibility:

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

Skin tone may be selected. Shelf life is guaranteed to be at least five years.

Basic Suture Pad • T-PAD-E-0005

Dimensions

- Overall Thickness 6-7mm
- Large Pad 20cm x 20cm
- Small Pad 10cm x 10cm

Additional Skills

- Injection
- Implantation
- Cutdown

Layers

- Adult Skin
- Subcutaneous Fat



Abdominal Suture Pad • T-PAD-E-0015

Dimensions

- Overall Thickness 20-25mm
- Large Pad 20cm x 20cm
- Small Pad 10cm x 10cm

Additional Skills

- Injection
- Implantation
- Cutdown
- Stoma repair
- Wound drain
- Stomach Tube Placement

Layers

- Adult Skin
- Subcutaneous Fat
- Bulk Fat
- Skeletal Muscle
- Rectus Fascia
- Scarpa's Fascia



Muscular Suture Pad • T-PAD-E-0010

Dimensions


- Overall Thickness 10-11mm
- Large Pad 20cm x 20cm
- Small Pad 10cm x 10cm

Additional Skills

- Injection
- Implantation
- Cutdown

Layers

- Adult Skin
- Subcutaneous Fat
- Skeletal Muscle



Knot Tying Pad • T-KTP-E-0005

Dimensions

- Overall Thickness 7-10mm
- Square Pad 15cm x 15cm

Additional Skills

- Suturing
- Incisions

Layers

- Skeletal Muscle/Fibrous Fascia Hybrid



FOR MORE INFORMATION CONTACT US!



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