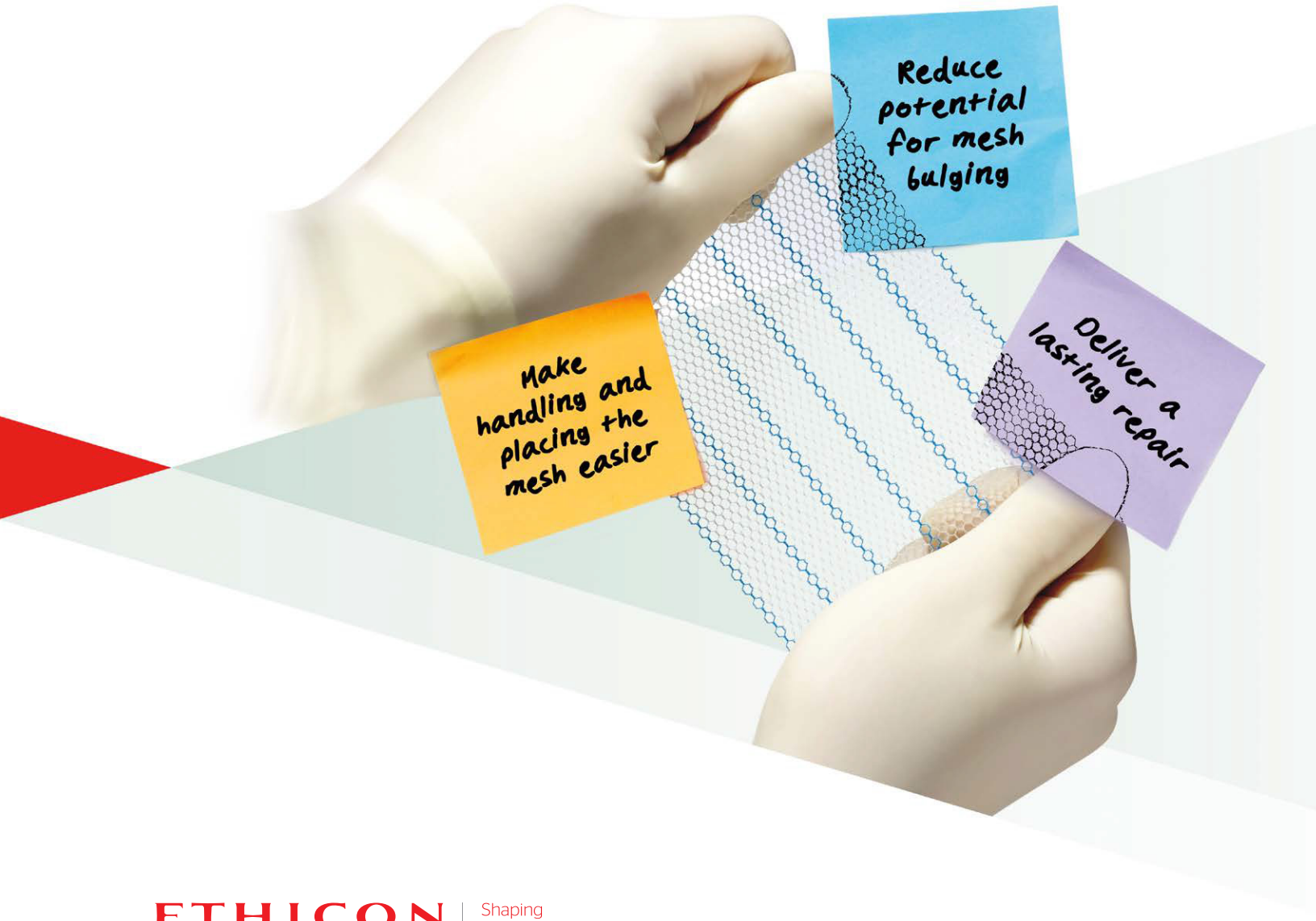
ULTRAPRO *ADVANCED™*

Advanced Solution for Inguinal and Ventral Hernia Repairs



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Shaping the future of surgery

Color sticky notes represent customer insights.

ULTRAPRO *ADVANCED™*
Macroporous Partially Absorbable Mesh

Designed to help optimize patient outcomes and ease of use in inguinal and ventral hernia repair

- Physiologically designed for comfortable healing
  - Flexible to approximate the natural movement of the abdominal wall, with 2:1 stretch[1-3*]
  - Unique knitted mesh construction promotes good tissue ingrowth/integration[4†]
- Balanced strength for strong and lasting repair
  - High suture pullout strength[3]
  - High tensile strength[3]
  - Withstands ~2x maximum intraabdominal pressure[5-6]
  - No bulge visible in a preclinical study at 28 days and 91 days[4†]
- Designed for exceptional intraoperative handling
  - Increased initial stiffness for easier handling compared to ULTRAPRO Mesh[7‡]
  - Springs open for easier deployment in laparoscopic repairs
  - Packaged flat, without folds, for easier positioning
  - Blue stripes facilitate orienting and positioning the mesh[8]
  - Trimmable based on surgeon's discretion, while leaving sufficient overlap to help prevent recurrence[8]
- Built on the proven technology of ULTRAPRO® Partially Absorbable Mesh
  - ULTRAPRO Mesh was shown to reduce patients' pain and movement limitation
    - » In 2 studies from the International Hernia Mesh Registry (IHMR), patients receiving hernia repair with ULTRAPRO Mesh reported significant improvement in pain and movement limitations from baseline at 1 year postsurgery[9,10§//]
  - Macroporous, thin-filament design that is partially absorbable for low foreign body mass and potentially more comfortable healing[5,11]
- In 2 studies from the IHMR, patients demonstrated a rate of recurrence of <1% at 1 year with ULTRAPRO Mesh[9,10§//]
  - Macroporous design promotes host tissue penetration and fibrin fixation of the mesh to the tissue, helping to eliminate dead space and reduce risk of seroma formation

*Stretch ratio when 2-10N of force was applied in stripe tensile test

†Evidence shown in an animal model

‡34% stiffer in transverse direction and 144% stiffer in longitudinal direction

§Data from a prospective, longitudinal study of 470 patients receiving laparoscopic hernia repair with ULTRAPRO Mesh from the IHMR (96.6% inguinal, 3.4% other).

//Data from a prospective, longitudinal study of 151 patients receiving open hernia repair with ULTRAPRO Mesh from the IHMR (53.0% ventral, 39.7% inguinal, 7.3% other).

Core mesh material[8]	Equal parts absorbable poliglecaprone-25 monofilament fiber and nonabsorbable polypropylene monofilament fiber
Pore size[3,14]	2.8 mm*
Average filament size[13,14]	3.5 mils*
Weight[7,14]	39 g/m2 (post-absorption)
Customizable[8]	Yes – can be trimmed
Orientation[8]	Must be placed extraperitoneally
Fixation requirement[8]	The method of securing the implant (e.g., nonabsorbable sutures, absorbable/nonabsorbable tackers) to provide for adequate tissue fixation and to minimize the risk of recurrence should be determined at the surgeon's discretion, based on the individual patient's needs and the nature of the repair. Spacing and distribution between fixation points and technique should be determined at the surgeon's discretion to provide adequate mesh fixation and to optimize mesh-to-tissue contact to foster tissue ingrowth. Preclinical data and reported experience suggest that the fixation points should be at least 1 cm from the edge of the mesh and approximately 1 to 2 cm apart from each other.
Shelf life	2 years

ULTRAPRO *ADVANCED™* Macroporous Partially Absorbable Mesh Product Specifications

Ordering Code	Mesh Size	How Supplied
UPA3612	6 x 12 cm	Sterile, 3 per box
UPA37615	7.6 x 15 cm	Sterile, 3 per box
UPA31015	10 x 15 cm	Sterile, 3 per box
UPA31515	15 x 15 cm	Sterile, 3 per box
UPA1530	15 x 30 cm	Sterile, 1 per box
UPA3030	30 x 30 cm	Sterile, 1 per box

See Instructions for Use for Full Prescribing Information

*Pre-absorption of absorbable filament

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