

Advancing Hernia Repair

Advancing hernia repair by identifying and meeting the needs of surgeons, patients, and health care providers



Research and Evidence

- We're helping increase the prevalence of hernia registries worldwide to support continuing needs for robust clinical evidence
 - The International Hernia Mesh Registry (IHMR) is one of the world's largest International Hernia Mesh Registries and growing
- We offer evidence-based solutions
- We partner with societies to advance education, research and patient care



Education and Training

- We provide programs designed to expand awareness and knowledge of the latest advancements in procedures and surgical skill enhancement
- We're revolutionizing surgical education through Touch Surgery, a virtual training mobile platform
- For surgeons
 - Robotic Hernia Repair Preceptorship
 - Shaping the Future of Hernia Repair
 - Complex Hernia Solutions Course
 - Advancements in Minimally Invasive Surgery: A Comprehensive Hands-on Symposium
- For patients
 - Smarterpatient.com



Access and Reimbursement

- Our Health Economics & Market Access Team works directly with health plans, employers, hospital systems, brokers and coalitions to support value-based clinical and economic decision making
- Resources and support are available on ethicon.com and our Reimbursement Hotline 888-750-1242



Innovative Products





- We're at the forefront of innovation to help enable the best surgical outcomes
- Our approach to innovation starts with knowledge and insight resulting in the development of technology that can help meet your surgical needs

Industry Firsts That Changed the Hernia Landscape and Helped Advance the Standard of Care

UNMET NEED	INSIGHT-DRIVEN INNOVATION
Improvement in pain and movement limitations from baseline at 12 months postsurgery ^{1†}	ULTRAPRO. Partially Absorbable Mesh ⁶
Macroporous mesh with an absorbable tissue-separating barrier ²	PROCEED. Surgical Mesh ²
Bilayer device for inguinal repair that delivers low rate of recurrence ^{3*}	PROLENE. Polypropylene Hernia System ⁷
Physiologically designed to be compatible with the abdominal wall ^{4,8,10}	ETHICON PHYSIOMESH™ Open Flexible Composite Mesh ⁸
Mechanical fixation with superior acute holding strength at various deployment angles ^{5†}	ETHICON SECURESTRAP. Absorbable Strap Fixation Device ⁹

Supporting All of Your Hernia Needs

Evolving Ethicon portfolio of products

Ventral	Inguinal
<p>Open</p> 	
<p>Laparoscopic</p> 	

Ethicon Hernia Solutions.

Dedicated to advancing hernia repair.

Learn more at ethicon.com

For complete indications, contraindications, warnings, precautions, and adverse reactions, please reference full package insert at ethicon.com.

Essential solutions inspired by Surgeons and patients' needs, in pursuit of better patient outcomes.

- Streamlined portfolio is designed to provide appropriate product use for surgeon and patient
- Insight-driven, market-leading solutions
- Simplifies portfolio contracting and reduces variation

¹In an observational study designed to evaluate recurrence rates up to 3 years post-hernia repair.

[†]Evidence shown in a preclinical model which compared 3 absorbable fixation devices.

[‡]12-month follow up data from a prospective, longitudinal study of 470 patients receiving laparoscopic hernia repair (inguinal [96.6%], femoral [21%], incisional/ventral [0.6%], inguinal/femoral [0.6%]) with ULTRAPRO. flat mesh from the International Hernia Mesh Registry.

References: 1. ULTRAPRO Master Claims List. Consolidated Claims Matrix 055273160621. 2. PROCEED. Surgical Mesh. Instructions for use. Ethicon, Inc. 3. Gilbert AI, Young J, Graham MF, Divilio LT, Patel B. Combined anterior and posterior inguinal hernia repair: intermediate recurrence rates with three groups of surgeons. *Hernia*. 2004;8:203-207. 4. Klosterhalfen B, Junge K, Klinge U. The lightweight and large porous mesh concept for hernia repair. *Expert Rev Med Devices*. 2005;2(1):103-107. 5. Cardinale M, Jacinto G, Cohn S, et al. Comparison of Acute Holding Strength of an Absorbable Strap Fixation Device in Porcine Flank at Various Implantation Angles. 6. ULTRAPRO. Partially Absorbable Mesh Instructions for Use. Ethicon, Inc. 7. PROLENE. Polypropylene Hernia System Instructions for Use. Ethicon, Inc. 8. ETHICON PHYSIOMESH™ Open Flexible Composite Mesh Instructions for Use. Ethicon, Inc. 9. ETHICON SECURESTRAP. Absorbable Strap Fixation Device Instructions for Use. Ethicon, Inc. 10. Design Verification Test Report ETHICON PHYSIOMESH™ Open Mesh.