

TIGR[®] matrix

Long-term resorbable mesh

What is TIGR® Matrix?

TIGR® Matrix is the world's first long-term resorbable, 100 % synthetic surgical mesh. Its unique technology consists of dual-stage degradation and full resorption.

- Strong for at least 6 months and complete resorption over time.^{1,5}
- Copolymers of lactide, glycolide and trimethylene carbonate. Same type of polymers that have been in clinical use since the 1970s.¹
- Macro-porosity, $>1 \text{ mm}^2$, allows for good tissue integration.^{1,2}
- Ready to use directly out of the package, without rinsing.
- Warp-knitted multifilament fibers make it easy to handle, pliable and easy to cut.⁴
- A viable alternative to acellular dermal matrices, at a lower cost.^{2,3,4}

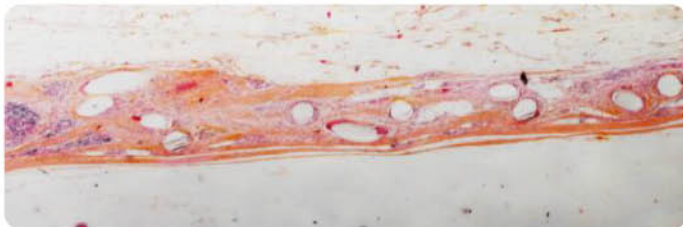
Tissue integration and collagen deposition

A pre-clinical study showed that collagen deposition significantly increased in the TIGR® Matrix group in comparison to the control group.¹

36 months post implantation



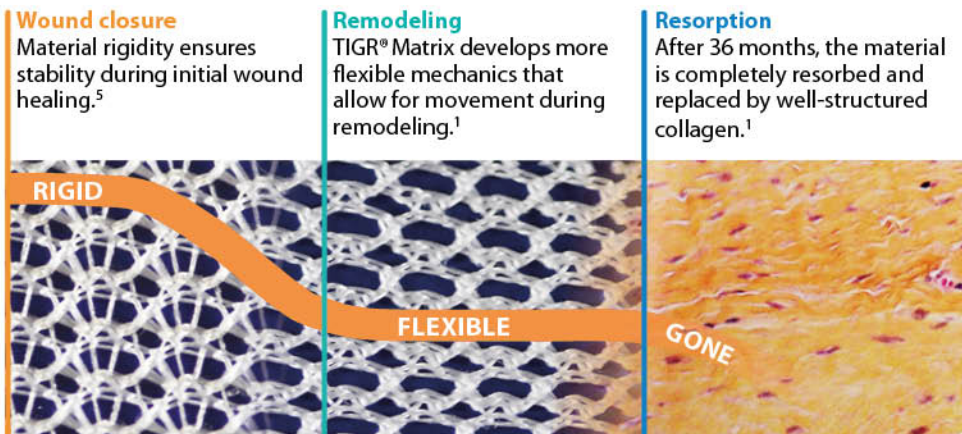
TIGR® Matrix revealed a newly formed abdominal wall of approximately 6 mm.¹



Polypropylene control mesh showed a wall thickness of approximately 1,3 mm.¹

Designed for wound closure and remodeling

The arrangement of two fibers with different degradation times in an interlocking knitting pattern achieves dual-stage mechanics.



Clinically proven

TIGR® Matrix received FDA clearance in 2010 and CE-mark in 2011 as a pioneering long-term resorbable mesh. Today, it is a clinically well proven medical device, acknowledged as an alternative to biologic matrices by surgeons around the world.

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3. Value-based Clinical Quality Improvement (CQI) for Patients Undergoing Abdominal Wall Reconstruction.
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4. Immediate implant based breast reconstruction using the TIGR® Matrix.
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5. Data on file, in vitro resorption.
6. Inguinal hernia repair using a synthetic long-term resorbable mesh: results from a 3-year prospective safety and performance study
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7. De novo experience of resorbable woven mesh in immediate breast reconstruction post-mastectomy
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8. Bi-pedicle nipple-sparing mastectomy (modified Letterman technique) and TIGR mesh-assisted immediate implant reconstruction, in a patient with Cowden syndrome.
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10. The Use of TIGR Matrix in Breast Aesthetic and Reconstructive Surgery : Is a resorbable Synthetic Mesh a Viable Alternative to Acellular Dermal Matrices?
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12. TEP With Long-Term Resorbable Mesh in Patients With Indirect Inguinal Hernia
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13. The use of a novel synthetic resorbable scaffold (TIGR® Matrix) in a clinical quality improvement (CQI) effort for abdominal wall reconstruction (AWR)
R. Lewis, B. Forman, M. Preston, E. Heidel, B. Alvoid-Preston, B. Ramshaw
14. Results at 3-year follow-up of totally extraperitoneal (TEP) hernia surgery with long-term resorbable mesh
F. Ruiz-Jasbon, K. Ticehurst, J. Ahonen, J. Norrby, P. Falk, M.-L. Ivarsson

TO ORDER

REF. NO.	SIZE
NSTM1015E	10x15 cm
NSTM1520E	15x20 cm
NSTM2030E	20x30 cm

Novus Scientific AB
info@novusscientific.com
+46 18 700 11 50

Caution: Read instructions for use which accompany the product for indications, contraindications, warnings and precautions.

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CE approval since 2011

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