

Abdominal Wall Reconstruction (AWR)

What happens when the mesh is gone?

Long-term performance with TIGR[®] Matrix resorbable surgical mesh⁽¹⁾

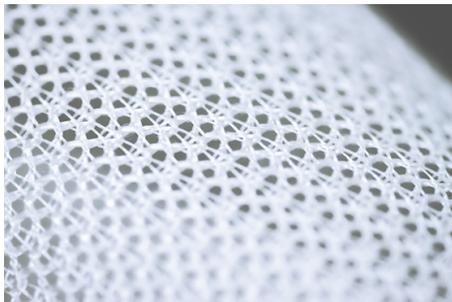
The durability of the repair with TIGR[®] Matrix surgical mesh was demonstrated in a long-term follow-up study. The absence of mesh removal, even in patients with wound complications, supported the use of this unique resorbable synthetic mesh as an option for abdominal wall reconstruction (AWR).

Resorbable synthetic mesh minimize the need for mesh removal when infected. In this study no mesh-related complications and no mesh removals were registered.

Most importantly, there were no hernia recurrences documented beyond the 3 years, once the mesh had completely resorbed.

Addressing recurrence rate after TIGR[®] Matrix was fully resorbed was the main reason for the long-term follow-up.

The study also showed the potential to improve the value of care by using a less costly alternative.



TIGR[®]matrix

⁽¹⁾TIGR[®] Matrix Surgical Mesh is knitted from two types of fibers; a fast degrading copolymer between glycolide and trimethylene carbonate and a slow-degrading copolymer between lactic and trimethylene carbonate. The fast degrading part gives extra strength during the healing phase (4 months) and gradually becomes softer and more flexible. The slow-degrading part is completely resorbed after about three years.

About the company: NOVUS SCIENTIFIC AB, a soft tissue regeneration company based in Uppsala, Sweden. The vision is to develop products based on resorbable materials in order to help the body to heal itself. The first product introduced to the market is TIGR[®] Matrix, the world's first long-term resorbable surgical mesh. The field of use is in breast reconstruction and abdominal wall reinforcement. All Novus Scientific products are currently classified as class III devices.

For more information, please visit www.novusscientific.com

Contact us at: info@novusscientific.com

Hernia <https://doi.org/10.1007/s10029-020-02221-7> ORIGINAL ARTICLE The use of a novel synthetic resorbable scaffold TIGR Matrix[®] in a clinical quality improvement (CQI) effort for abdominal wall reconstruction (AWR)
R. Lewis¹ · B. Forman · M. Preston³ · E. Heidell · B. Alvoid-Preston · B. Ramshaw