

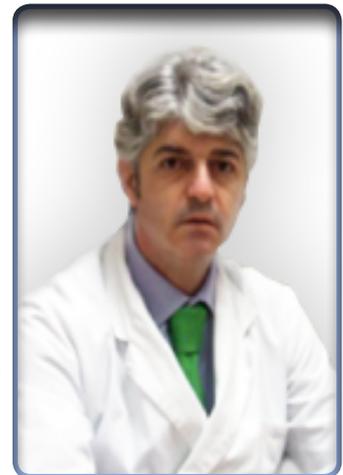
**Complex Subcutaneous Mastectomy and Implant Pocket Reconstruction for 400cc Prosthetic Performed Using TIGR® Matrix Surgical Mesh.**

**History:**

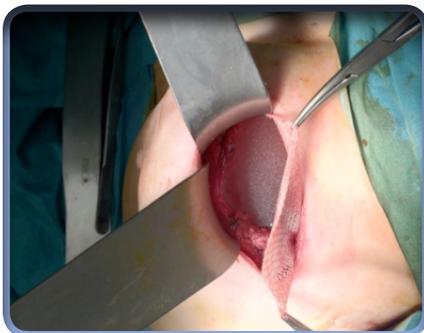
This patient was a 37 years old female diagnosed with two infiltrating focal carcinomas of mixed ductal and lobular type in her right breast. There was a wide intraductal component with one of the walls affected by a previous procedure in which an oncoplasty under Weiss standards had been performed in both lower areas.

The patient had suffered three positive adenopathies during previous axilar lymphadenectomy and the Tumor Committee (consisting of an oncologist, a gynaecologist, a radiologist and an anatomopathologist) decided to treat the patient as soon as possible with systemic chemotherapy. The surgery was postponed for approximately one month in order for the chemotherapy to be completed.

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Preparation of pocket & mesh insertion.



Positioning of **TIGR® Matrix**.



**TIGR® Matrix** & prosthesis in place.

**Procedure:**

During this second surgical procedure, a subcutaneous mastectomy was performed preserving the vascularisation of the Areola-Nipple Complex leaving 1 cm of skin graft thickness. Previous surgery had retained the irrigation of the Complex from the deep arteriolas and a superior and inferior pedicle and there was no incidence in the viability of the Complex. The pectoralis fascia was also removed in order to be as radical as possible. Then a retromuscular pocket was created with the pectoralis major and the serratus, cutting intersections from the costal bones in order to fit a 400 cc prosthetic implant. TIGR® Matrix Surgical Mesh was used to reinforce the weakened tissue and create a suitable surface and bedding for the implant.

Excellent results were seen both during and post surgery.

**Post-operative course:**

At follow up there were no CAP-alterations and the patient had recovered well. Cosmetic results were very satisfying.

**RX ONLY** – Before using TIGR® Matrix Surgical Mesh read the instructions for use which accompany the product for indications, contraindications, warnings and precautions.

**INDICATIONS FOR USE**

TIGR® Matrix Surgical Mesh is intended for use in reinforcement of soft tissue where weakness exists.

**CONTRAINDICATIONS**

Not suitable for reconstruction of cardiovascular defects. TIGR® Matrix Surgical Mesh must always be separated from the abdominal cavity by peritoneum. Not for use following planned intra-operative or accidental opening of the gastrointestinal tract. Use in these cases may result in contamination of the mesh, which may lead to infection.



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