

Nipple sparing mastectomy & breast reconstruction with contralateral mastopexy using a long-term absorbable surgical mesh.

HILTON BECKER, MD, FACS, FRCS Board Certified Plastic Surgeon, Boca Raton, Florida, USA



Hilton Becker, MD is a Board Certified Plastic Surgeon practicing Reconstructive & Cosmetic Surgery. Dr. Becker is located in Boca Raton, Florida.

Dr. Becker is the pioneer of the one stage breast reconstruction. This procedure is performed at the same time as the mastectomy. He is also the developer of the adjustable breast implant including the Mentor Becker implant, Spectrum® implant, and the new adjustable gel Spectra® implant.

<http://www.beckermd.com>

History:

A 43 year old female who had a prior breast augmentation with sub-muscular saline implants, underwent a right sided skin sparing mastectomy for infiltrating ductal carcinoma.



Patient has carcinoma of right-breast. (Prior breast implants)



Following Nipple sparing mastectomy and reconstruction



Result following surgery. Left breast is lower than Right

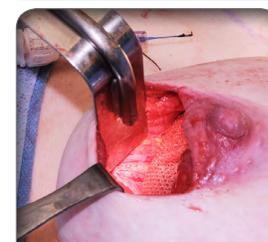


TIGR® Matrix is prepared for mastopexy

Procedure (stage 1): date 9-2-11

Immediate **right** breast reconstruction was performed by enlarging the sub-pectoral pocket. The pectoralis major muscle was detached inferiorly. A strip of TIGR® Matrix *Surgical Mesh* (10cm x 15cm) was sutured to the inferior edge of the muscle and fixated to the fascia at the level of the infra-mammary fold. A Spectrum® adjustable saline implant was then placed in the sub-muscular pocket and filled with 120cc of saline. The injection port was placed in a subcutaneous pocket laterally.

Two Jackson drains were placed. Filling was started on the 4th post operative day. The implant was filled twice weekly until it was slightly over expanded.

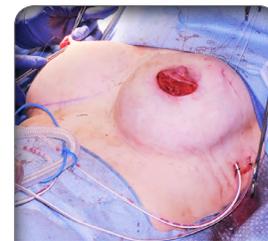


TIGR® Matrix hammock inserted

Procedure (stage 2): date 11-30-11

The spectrum implant on the **right** side was replaced with a 600cc moderate plus smooth silicone gel implant.

On the **left** side, the previous saline implant was replaced with a 425 cc moderate profile plus smooth silicone gel implant. The inferior pole of the breast was elevated by fixating TIGR® Matrix as a hammock to the muscle edge. The inframammary fold was elevated by suturing the mesh to the underlying tissues at a higher level.



TIGR® Matrix hammock fixated

Post-operative course:

In this case TIGR® Matrix yielded a result that was pleasing both to the surgeon and to the patient. The end results are balanced and proportionate and the patient outcome has been both comfortable and aesthetically pleasing.

BEFORE SKIN SPARING MASTECTOMY



AFTER RECONSTRUCTION & MASTOPEXY



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.



RX only

For more information visit: www.novusscientific.com