Multi-Centre Clinical Evaluation of a Cell Conductive Extracellular Matrix Surgical Mesh in Plastics and Reconstructive Surgery – A Case Series

Abigail E. Chaffin, MD, FACS, CWSP, FAPWCA; Ariel M. Aballay, MD; Gregory A. Bohn, MD; Paul M. Glat, MD; Micheal N. Desvigne, MD, FACS; Barnaby C. H. May, PhD

Department of Surgery, Tulane University School of Medicine, New Orleans, LA; Department of Surgery, West Penn Burn Center, Allegheny Health Network, Pittsburgh, PA; St. Joseph Hospital, Tawas, IL; Drexel University College of Medicine, St. Christopher’s Hospital for Children, Philadelphia, PA; Western Regional Medical Center, Scottsdale, AZ; Aora Biosurgery Limited, New Zealand.

OFM PRS mesh is indicated for both implant applications and dermal regeneration, and is a biologically accurate scaffold for soft tissue repair. The non-cross-linked extracellular matrix biomaterial is rapidly infiltrated, vascularized and remodeled (Fig. 1). A multi-centre evaluation of the OFM PRS mesh was initiated to evaluate the performance of the mesh in a range of PRS procedures.

Dermal Reconstruction – Pediatric Dermal Deficiency
Patient: 3 yrs. old. Surgical deficiency following congenital melolabial fistula, soft tissue loss and tissue atrophy. Patient underwent secondary closure at 5 yrs. of age.

Procedure: DermaMatrix OFM PRS™ mesh used to augment the dermal layer. OFM PRS mesh used primarily as a dermal layer. It is absorptive and biodegradable. The OFM PRS mesh is also used to bridge the defect, providing tissue for dermal regeneration.

Complex Dermal Reconstruction

Procedure: DermaMatrix OFM PRS™ mesh used to augment the dermal layer. OFM PRS mesh used primarily as a dermal layer. It is absorptive and biodegradable. The OFM PRS mesh is also used to bridge the defect, providing tissue for dermal regeneration.

Flap Stabilization – Surgical Closure of Chronic Drained Wound
Patient: 63 yrs. old. Previous surgical closure of flap wound (head and neck) in 3 stage debridement surgical wound.

Procedure: A 5 cm x 5 cm advancement flap was elevated in the nasolabial fold and used to cover the defect. A 5 cm x 5 cm advancement flap was elevated in the nasolabial fold and used to cover the defect. A 5 cm x 5 cm advancement flap was elevated in the nasolabial fold and used to cover the defect.

Tumor Excision
Patient: 65 yrs old. Numerous subcutaneous blue lumps with intact epidermis and subcutaneous fat. Patient underwent wide local excision of the subcutaneous fat with planned skin grafting. The lesion was completely excised with a 5 cm margin.

Procedure: OFM PRS™ mesh was used to cover the defect. The OFM PRS™ mesh was used to cover the defect. The OFM PRS™ mesh was used to cover the defect.

Nipple Reconstruction
Patient: 32 yrs old. Previous nipple reconstruction following mastectomy.

Procedure: OFM PRS™ mesh was used to cover the defect. The OFM PRS™ mesh was used to cover the defect. The OFM PRS™ mesh was used to cover the defect.

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