

# CYTOFLEX® MESH

## Precision Titanium Mesh

### ADVANTAGES

- *Ultra-thin, pure Titanium mesh*
- *Easily conforms to tissue contours*
- *Compatible with bone tacks & bone screws*



25mm x 30mm

Sterile, individually packaged

Cytoflex® Mesh is designed to reconstruct the alveolar ridge by retaining the bone grafting material and providing a favorable environment for complete, healthy new bone growth with desired contours. The pliable titanium mesh conforms easily to tissue contours, yet offers sufficient stiffness to retain the graft material in the desired shape when osseous tissue regenerates. Made of pure Titanium, Cytoflex® Mesh exhibits excellent compatibility with both soft and hard tissue. The smooth precision profile of Cytoflex® Mesh reduces irritation to the surrounding sensitive tissue and minimizes the likelihood of early tissue exposure. Each mesh is comprised of thousands of micro pores that facilitate the flap attachment and osseous regeneration. The golden color of Cytoflex® Mesh is aesthetically compatible with gingival tissue when placed underneath the flap. The following case (page 2) illustrates the application of Cytoflex® Mesh to reconstruct a deformed alveolar ridge.

### APPLICATIONS

- *Reconstruction of the alveolar ridge*
- *Reconstruction of extraction sites*
- *GBR treatment of periodontal or peri-implant defects*



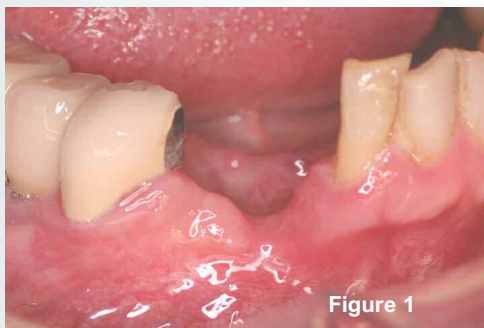
Easily conforms to tissue contours

# CYTOFLEX® MESH

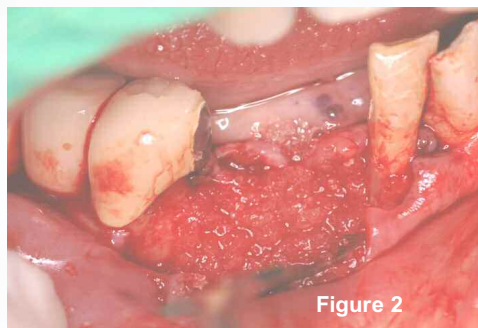
## Clinical Case Review

### *Reconstruction of a Deformed, Partially Edentulous Ridge*

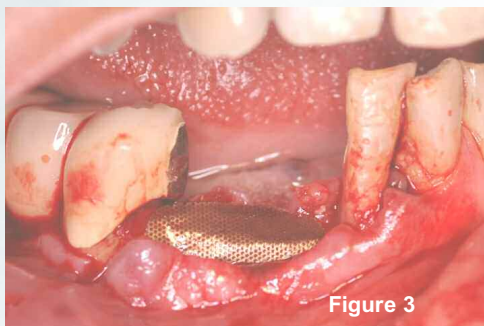
This case illustrates the use of a Titanium mesh (Cytoflex® Mesh) and a mixture of autograft and synthetic bioactive glass (Unigraft®) to restore a deformed, partially edentulous mandibular alveolar ridge for subsequent implant placement.



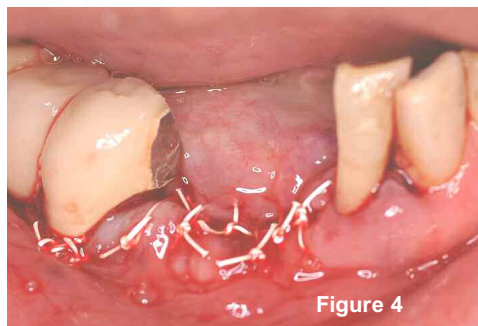
Deformed, partially edentulous alveolar ridge



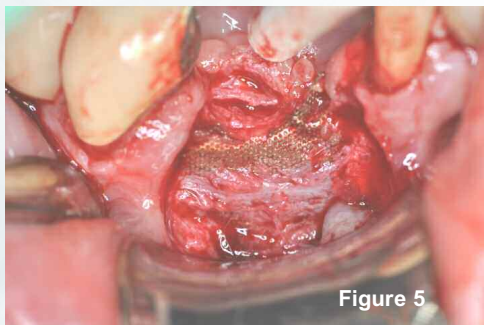
Defect filled with Unigraft® & autograft



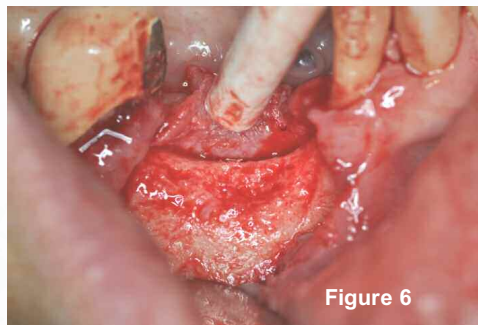
Cytoflex® mesh tucked beneath flaps



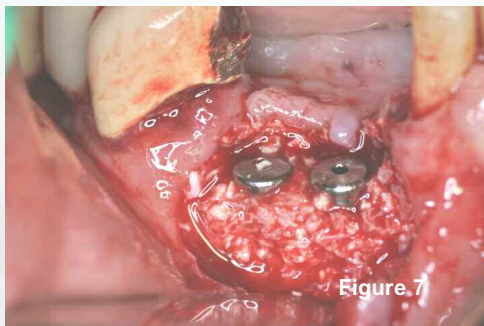
Primary closure with Gore-Tex® suture



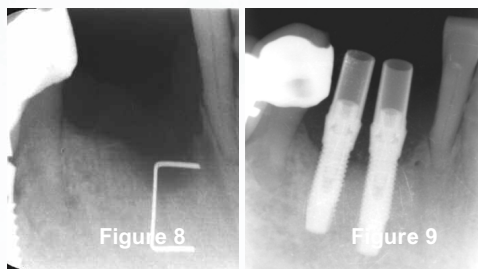
Atraumatic mesh removal after 6 months



Ridge profile restored with newly formed bone



Implants placed and additional graft added



Radiographs of pre-op and post implantation