

Periogenix, for the protection of injured periodontal tissues

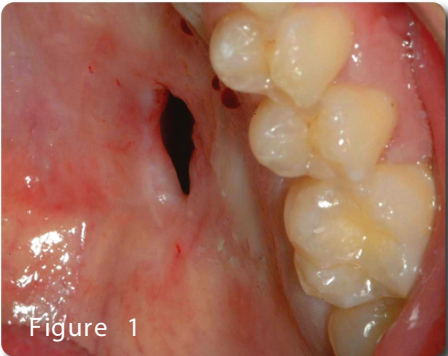


Figure 1

Surgical Closure of a Large Palatal Fistula

J. Jerome Smith, DDS
Lafayette, LA

A 30 year old male presented with an oral antral fistula (12 mm X 10 mm) in the mid-palate secondary from a motor vehicle accident 5 years previous (Figure 1). Soon after the accident, another practitioner's attempt to close the fistula failed. Since that time, the patient had been fitted for an obturator.

Under conscious sedation and local anesthesia, the palatal soft tissue was excised from third molar to third molar area and reflected posteriorly. The circumferential margins of the fistula orifice were de-epithelialized and closed together with 5/0 Ethicon sutures (Figure 2). A resorbable collagen membrane was placed and secured over the bony defect along with several platelet rich fibrin membranes prior to closure of the semi-circumferential palatal incision.

An impression was made immediately after surgical wound closure to fabricate an appliance complete with reservoir for application of Periogenix directly over the surgical site (Figure 3).

Post operative instructions included wearing the appliance 24 hours and dispensing Periogenix in the appliance reservoir t.i.d.

At three days post-op recall (Figure 4), the sutured fistula as well as the palatal incision showed remarkable healing and appeared to be in an advanced state of healing characteristically seen at 7 to 8 days post-op.

The patient continued to wear the appliance on an ongoing basis and used Periogenix as instructed for three weeks post-op (Figure 5). Examination indicated that the integrity of the incision was sound and healing continued to show remarkable results. The patient required minimal post-op analgesia and the fistula closure was a complete success (Figure 6).

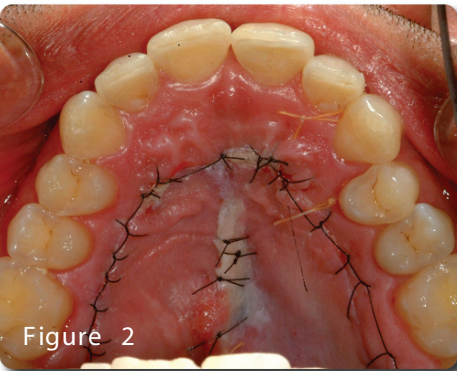


Figure 2

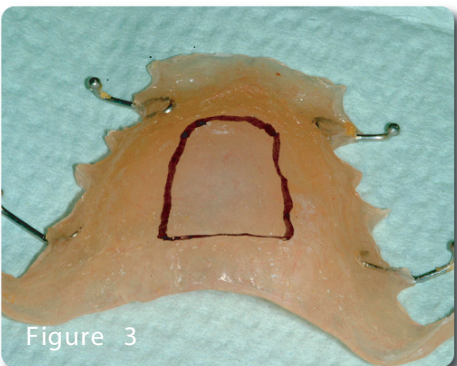


Figure 3

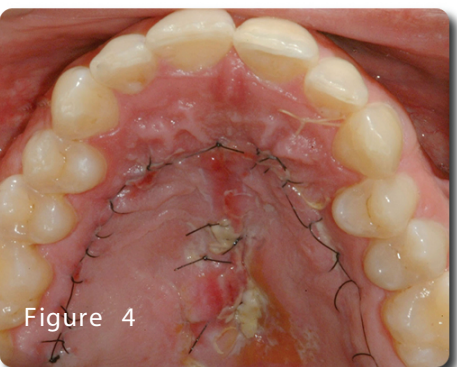


Figure 4

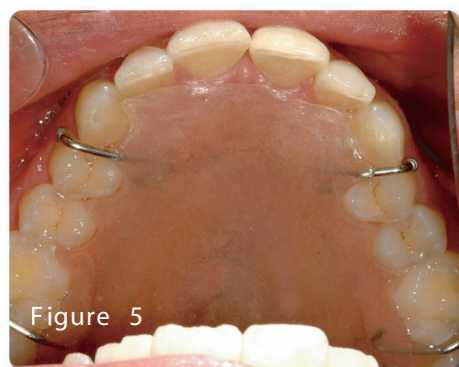


Figure 5

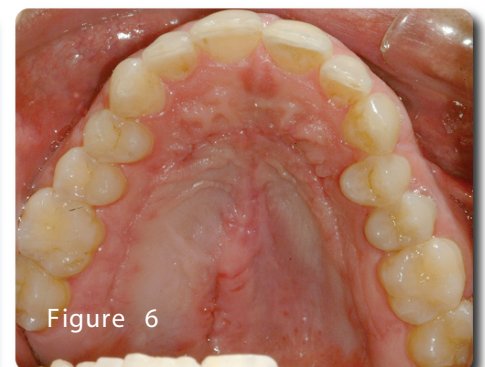


Figure 6

www.oroscience.com

For more information about OroScience products and technologies, please email info@oroscience.com or call 1.650.856.9600 or toll free 1.866.921.9603
MKT001-02.A



Periogenix™ is intended to protect injured periodontal tissue by forming a temporary physical barrier to avoid further irritation.

Periogenix™ helps the clinician manage oral wounds by providing a barrier to assist in the process of acute and chronic wound healing. Clinical and animal studies demonstrate that Periogenix™ protects and safely promotes the healing of post-operative surgical wounds

Periogenix™ is a prescription product that is packaged as a wound dressing kit consisting of a pressurized canister containing 30 mL (1 US ounce) of emulsion and 30 disposable dental trays. The Periogenix™ emulsion is dispensed into the disposable dental tray and placed over the dental arch three times daily to manage acute and chronic wounds. One Periogenix™ Kit is used at-home by the patient over a 7 to 10 day period or as prescribed by the oral care practitioner.

Periogenix™ Emulsion Ingredients

Periogenix™ contains perfluorodecalin, purified water, glycerin, hydrogenated phosphatidylcholine, cetearyl alcohol, polysorbate 60, tocopheryl acetate, benzyl alcohol, methylparaben, propylparaben, & oxygen.

Available in the US only

For Prescription Use Only in the United States
Federal Law restricts this device to sale by or on the order of a dentist, physician or properly licensed practitioner.

Directions and Indications for Use

See Directions for Use for full discussion of indications, directions, contraindications, and warnings.

www.oroscience.com

For more information about OroScience products and technologies, please email info@oroscience.com or call 1.650.856.9600 or toll free 1.866.921.9603

MKT001-02.A