

Press release

How best to protect the Schneiderian Membrane in the Sinus

Undesirable perforations of the Schneiderian Membrane can occur during the sinus lift procedure in up to 50% of cases. There exist different methods for their protection. This article presents a method of covering the perforation with a fleece of porcine collagen (Medicipio® C Fleece). The collagen fleece swell after being saturated with blood, turning into a gelatinous mass and forming a tight and mechanically resistant seal. This simple method has been successfully tested in a lot of perforations of the Schneiderian Membrane. Using dental implants in the posterior maxilla is usually complicated by an expanded maxillary sinus. However, insufficient residual alveolar bone height can be compensated for by the sinus lift procedure. During this treatment a bone window is created in the lateral wall of the maxilla. Through this window the Schneiderian Membrane is dissected from the bone of the alveolar process of the maxilla and is dislocated upward. The newly-formed space is filled with grafting material which creates favourable conditions for insertion of an implant. Dissection of the Schneiderian Membrane from the bone base is technically difficult and perforation can occur if the membrane is thin or if bone septa are present. To protect Schneiderian Membrane with the Medicipio® C Fleece is easy to use. The Medicipio® C Fleece must not be rehydrated with physiological solution. It is just to use it in a dry status. It has the desired plasticity from the beginning, it can be easily placed it in the grafting site (e.g. sinus etc.). The natural hydrophilic properties allows a perfect adhesion to the tissue around bone defect. Special fixation is not necessary. As soon as Medicipio® C Fleece has become saturated with blood, it swells into a gelatinous mass and becomes mechanically resistant to movement and almost gives a hermetic seal. After placing Medicipio® C Fleece e.g. into the sinus then graft material is applied in the usual way.

The method with the Medicipio® C Fleece is to be technically simple, fast, reliable and economical. The high rate of native collagen shows excellent results has no contraindications in the maxillary sinus.



For further information contact:

Contact details Distributor