The new Geistlich Combi-Kit Collagen is now available. It combines two established and reliable products in a single package: Geistlich Bio-Oss® Collagen and Geistlich Bio-Gide®. The Combi-Kit is suitable for minor augmentations on the one hand, and is especially well suited for ridge preservation following tooth extraction, on the other.

Discussions with experts over recent years have reiterated the fact that alveolar bone defects are evermore common. This insight prompted Geistlich Pharma AG to bring a new combination of the established products Geistlich Bio-Oss® Collagen and Geistlich Bio-Gide® onto the market: Geistlich Combi-Kit Collagen.

The simple solution in a single package
The combination of Geistlich Bio-Oss® Collagen 100 mg and the natural collagen membrane Geistlich Bio-Gide® in a new size of 16 x 22 mm thus offers the perfect solution in a single package for ridge preservation, i.e. for the treatment of alveolar bone defects following tooth extraction, as well as for minor augmentations of the alveolar ridge. Today the combined application of bone replacement materials and resorbable membranes to treat bone defects is already clinically routine. A large number of scientific studies have shown that this can lead to predictable and effective results (Aghaloo 2007; Sammaritino 2009).

Socket and ridge preservation
Scientific evidence and a wealth of practical experience reported have also demonstrated that the insertion of Geistlich Bio-Oss® Collagen in an extraction socket may be the ideal way to preserve the alveolar dimensions (Ackermann 2009). The inevitable decay of the bundle bone – and therefore of the buccal bone lamellae – following tooth extraction is also compensated (Araujo 2008; Araujo 2009). Also in the case a defect of the alveolar bone, the combination of Geistlich Bio-Oss® Collagen with Geistlich Bio-Gide® - as in Combi-Kit Collagen – is the ideal therapy for preserving the alveolar ridge contour and the soft tissue volume (ridge preservation).

Dr. Heike Wanner
**Geistlich Combi-Kit Collagen in practice**  
A case study from Dr. J. Karnstedt / Prof. Dr. Dr. R. Sader, Frankfurt

Fig. 1: Radiological status prior to extraction

Fig. 2: Status following atraumatic extraction of tooth 36

Fig. 3: Occlusal view

Fig. 4: Extraction socket; the buccal vestibular bone defect is clearly visible.
Fig. 5. Filling of the extraction socket up to the level of the crestal bone level using Geistlich Bio-Oss® Collagen

Fig. 6: Insertion of the Geistlich Bio-Gide® membrane over the defect (between periostium and bone surface).

Fig. 7: The Bio-Gide® membrane adheres to the defect perfectly.

Fig. 8: Closure of the extraction socket with a mattress suture. Open healing.
Fig. 9: Implant placement after 3 months: during the implant procedure the alveolar ridge is seen to be completely covered with cortical bone and the soft tissue has healed well. The X-ray shows ossification already beginning in the region of augmentation.

Geistlich Combi-Kit Collagen: the ideal product combination for ridge preservation and minor augmentations.

Literature: