The MIS Crest Widener is used to widen a narrow alveolar crest which has sufficient height for implantation. By separating the cortical plates new bone is created in between the plates, and the attached gingiva is extracted simultaneously. With this technique, bone augmentation is avoided, the implant is placed in the correct lateral position and sufficient attached gingiva is obtained. In addition, the widener can be used to allow easy distal or mesial orthodontic movements of the molars.
Advantages.

- Mucosal Distraction leads to sufficient attached gingiva and soft tissue cover (DistractionHistiogenesis).
- Implant placement is possible after extremely short post-operative period (5-8 weeks).
- Simple, short, minimal traumatic procedure.
- Encourages ideal lateral implant placement when needed.
- Minimally compromised aesthetics.
- No pain or morbidity at donor site.
- Less technique-sensitive.
- The transported bone is not stripped from periostium, therefore no post operative bone resorption.