Cranio-Facial Distraction Osteogenesis

- Multi-Guidell: Mandibular Distraction Device
- DynaForm: Intraoral Distraction System
- LEAD System: Leibinger Endosseous Alveolar Distraction System
- MID System: Modular Internal Distraction System
Cranio-Facial Distraction Systems

Multi-GuideII
Mandibular Distraction Device

Indications: Used in treatment of conditions such as severe mandibular deficiency, post-surgical mandibular defect or post-traumatic defects of the mandible.

Features:
- Used in bone transport to achieve closure of a segmental defect
- Functions as a stabilizer and mandibular lengthener
- Allows linear and angular distraction for the mandible
- Applicable to younger patients
- Self-drilling pins facilitate insertion

DynaForm
Intraoral Distraction System

Indications: Intended for use in the treatment of cranial, midfacial or mandibular conditions for which reconstruction osteotomies and segment advancements are indicated.

Features:
- Preserves patient’s full dentition while improving aesthetic and functional result
- Eliminates need for a second procedure for device removal
- Intraoral device is extramucosal
- Easy to contour and apply

LEAD System
Leibinger Endosseous Alveolar Distraction System

Indications: Intended for use in patients requiring alveolar ridge augmentation of the mandible or maxilla secondary. This includes conditions secondary to trauma periodontal disease or birth abnormality. This device provides temporary stabilization and gradual expansion of the alveolar ridge.

Features:
- Excellent biocompatibility and strength
- Simultaneous expansion of both bone and soft tissue, minimizing device exposure
- Bone at the crest is mature and cortical in nature providing good stability for implant placement
- Relatively simple surgical procedure: distraction process complete in approximately 60 days

MID System
Modular Internal Distraction System

Indications: Intended for use in the treatment of cranial, midfacial or mandibular conditions for which reconstruction osteotomies and segment advancements are indicated.

Features:
- Allows time for soft tissue remodeling and adaptation
- Enables surgeon to have postoperative control
- Can be applied to entire craniofacial skeleton
- Flexible, easy-access activation

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