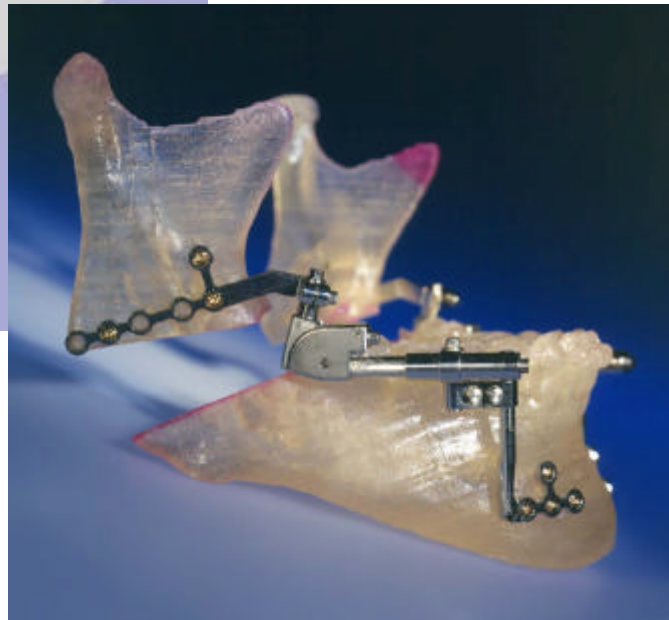


MDO-M

Intraoral Multi-Axis Distractor

„... the only truly 3D intraoral distractor available today“
(Cope et al. in Craniofacial Distraction Osteogenesis, Mosby, 2001)

Developed in cooperation with Roger Minoretti, MD, DMD and Albino Triaca, MD, DMD,
Center for Maxillofacial Surgery, Pyramide Clinic, Zürich, Switzerland



- Controlled distraction in the horizontal, the vertical and the angle in between*
- Full control of the occlusion, no floating bone required, midline easily adjustable
- Modular system, freely adjustable during distraction, completely accessible due to extra-mucosal position of mechanism
- Over 65 patients treated since 1998

*Patent pending

Orthognathics MDO-M – Intraoral Multiaxis Distractor

The Orthognathics MDO-M Distractor is the only truly three-dimensional intraoral distractor for the mandible available today.

The MDO-M Distractor combines two independent longitudinal distraction axes for horizontal and vertical distraction with an angulation device to allow a gradual change of the angle between the ramus and the body of the mandible. Therefore, an open bite may be closed and pre-coordinated dental arches brought into proper occlusion, avoiding any loss of control as when using the 'floating bone' technique.

All moving parts and access points are placed in the oral cavity, only the bone plates reach into the tissue. This allows the almost parallel positioning of the horizontal distractor axes to avoid problems in the temporo-mandibular joint. The distractor is modular such that it may be removed and reattached to the fixation units during surgery and

treatment. This improves the access for sewing the tissues during surgery and for minimal invasive removal after treatment. At the same time, the possibility to temporarily loosen the fixation to the plates allows to relax any tensions in the system, to extend the distraction distance, and to adjust any midline deviations of the dentition.

Technical Data:

Horizontal distraction	11 or 15 mm*
Vertical distraction	7 mm
Angulation range	30 °
Material	surgical steel
Bone plates	for 2 mm screws

* length may be extended by moving the fixation point along the cylinder.

For any questions on this product, please send us an e-mail or write us by fax or mail.

- ? Send more information
- ? Send price quotation
- ? Please arrange a meeting or demonstration/surgery
- ? Please keep me informed about workshops and presentations on the MDO-M and other Orthognathics products

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