Facial iD™
Mandible reconstruction

iD Solutions™
Individually designed. Personalized care.
We designed our Facial iD reconstruction plate to meet the individual needs of you and your patients. These customized plates are manufactured to the planned patient outcome, eliminating the time needed for intra-operative adaptation. In collaboration with 3D Systems, Virtual Surgical Planning (VSP) can be used to further enhance your patient outcomes.
**Personalized design session**

During a design session, you can interface with a design engineer to select specific plate features such as profile height, length and run of the plate, number of screw holes, as well as individual bar strengthening.

Screw holes are placed along mandible

Visualize completed plate design
The value of true customization

**Patient-specific design derived from patient CT data**

Our iD Solutions team creates a virtual reconstruction and an individual plate design with your optional online participation. Plate design is based upon a CT scan of your patient.

**Customizable design features**

By selecting specific plate design features like profile height, length and run of the plate you can create patient-specific solutions. Specific screw hole positions are defined individually to avoid screw interference with nerves, tooth roots, osteotomies and existing or future implants.

**Customized strength optimization**

Plate profile heights of 2.0mm and 2.8mm combined with increased individual bar widths may improve the fatigue strength by approximately 40% compared to standard universal reconstruction plates.¹
Primary mandible reconstruction (2.0mm)

78-31020
full

78-30020
hemi

Secondary mandible reconstruction (2.8mm)

78-31028
full

78-30028
hemi
Facial iD™
Reconstruction
with VSP®

Pre-operative patient anatomy

Mandible cutting guides with metal inserts

Fibula cutting guides with metal slot inserts
Together with 3D Systems we offer

Virtual Surgical Planning

Post-operative mandible with our Customized Mandible Recon Plate

Post-operative anatomy with final splint
References

1. Dynamic Testing. Reports available at Stryker Leibinger GmbH & Co. KG.

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