

Facial **iD**TM

Mandible reconstruction



iD SolutionsTM

Individually designed. Personalized care.

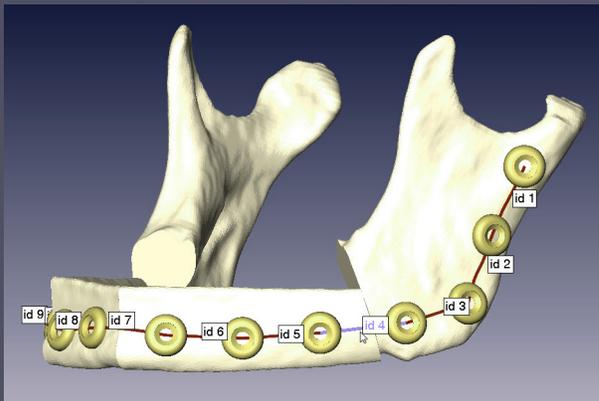
We're putting the control in **your hands**



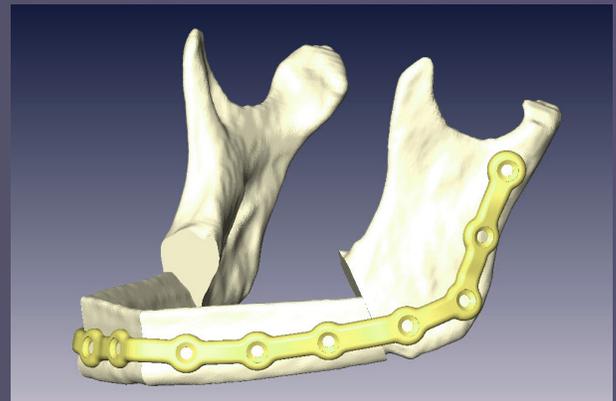
We designed our Facial iD reconstruction plate to meet the individual needs of you and your patients. These customized plates are manufactured to the planned patient outcome, eliminating the time needed for intra-operative adaptation. In collaboration with 3D Systems, Virtual Surgical Planning (VSP) 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.

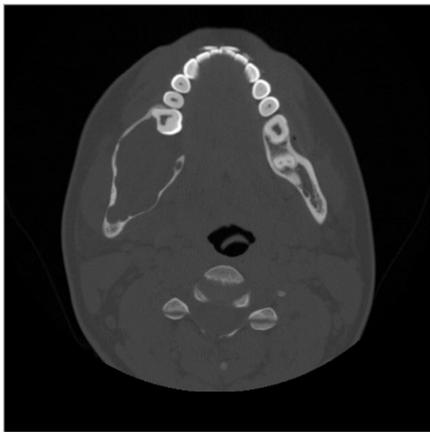


Screw holes are placed along mandible



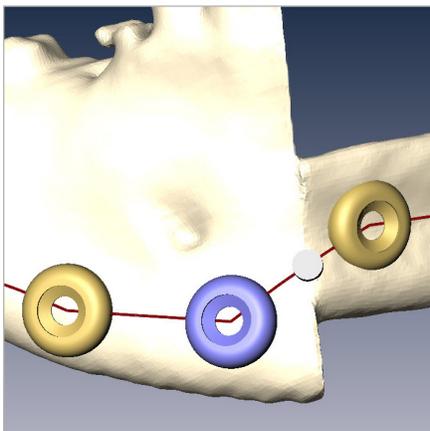
Visualize completed plate design

The value of true customization



Patient-specific design derived from patient CT data

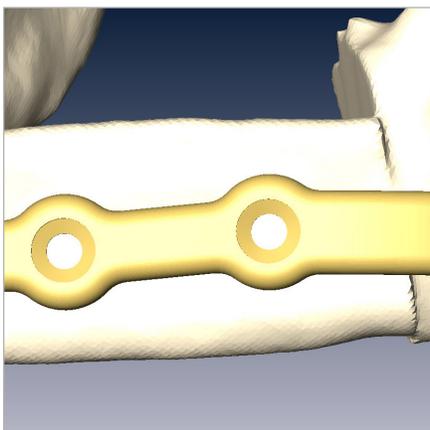
Our iD Solutions team creates a virtual reconstruction and an individual plate design with your optional online participation. Plate design is based upon a CT scan of your patient.



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

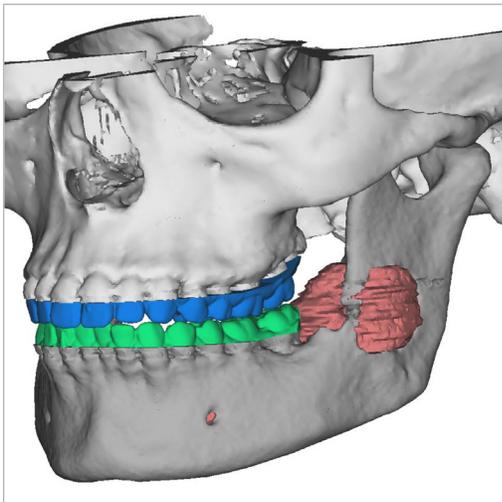


78-30028
hemi

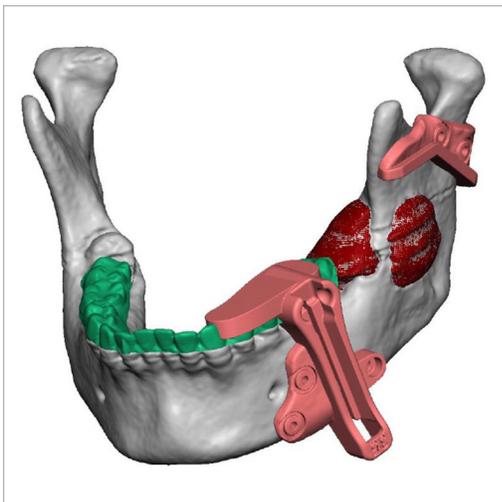
Facial iD™

Reconstruction

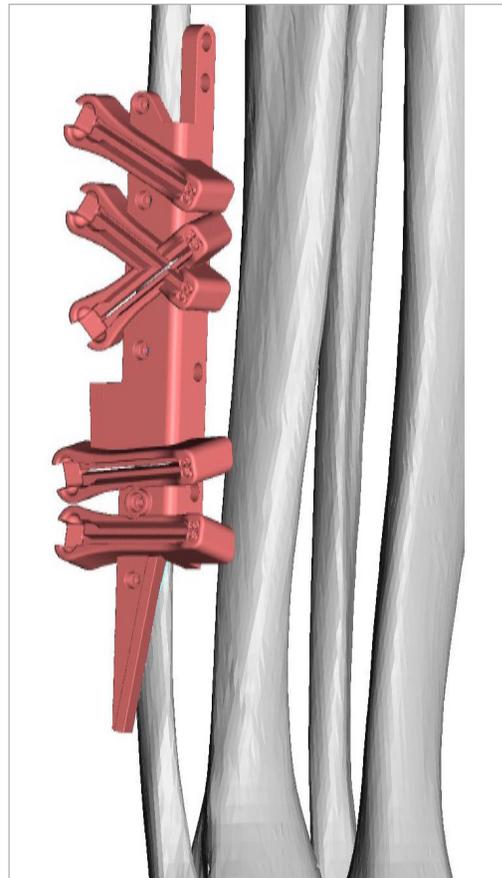
with VSP®



Pre-operative patient anatomy

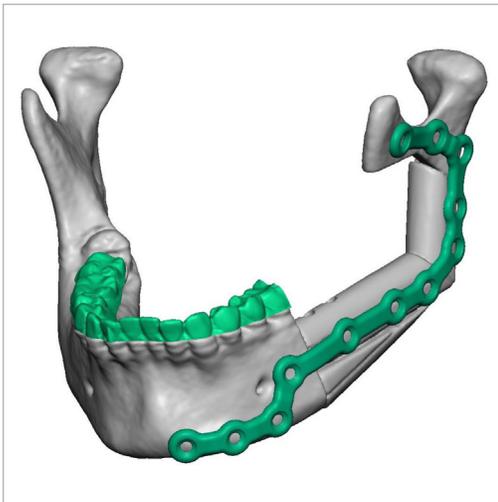


**Mandible cutting guides
with metal inserts**

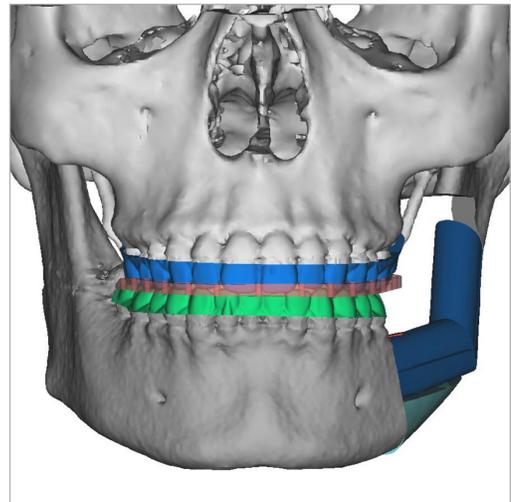


**Fibula cutting guides with
metal slot inserts**

Together with 3D Systems
we offer
Virtual Surgical Planning



**Post-operative mandible
with our Customized
Mandible Recon Plate**



**Post-operative anatomy
with final splint**

Craniomaxillofacial

References

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

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