DISIOR
Bonelogic

Treatment design tool for bone fractures

Software solution for fracture diagnosis and treatment design

Simple to use, fast, suited for clinical work, operated by doctor

Works in normal PC, with Windows OS

Uses CT-images as input (DICOM format)

Allows patient specific treatment optimization

Key features:

1) Automatic analysis and characterization of fracture
2) Powerful optimization of fracture fixing system
    I. With personal bone properties and construction
    II. With mechanical forces due to body movements
3) All data collected to data pool for improvements and follow-up

Order a Demo:

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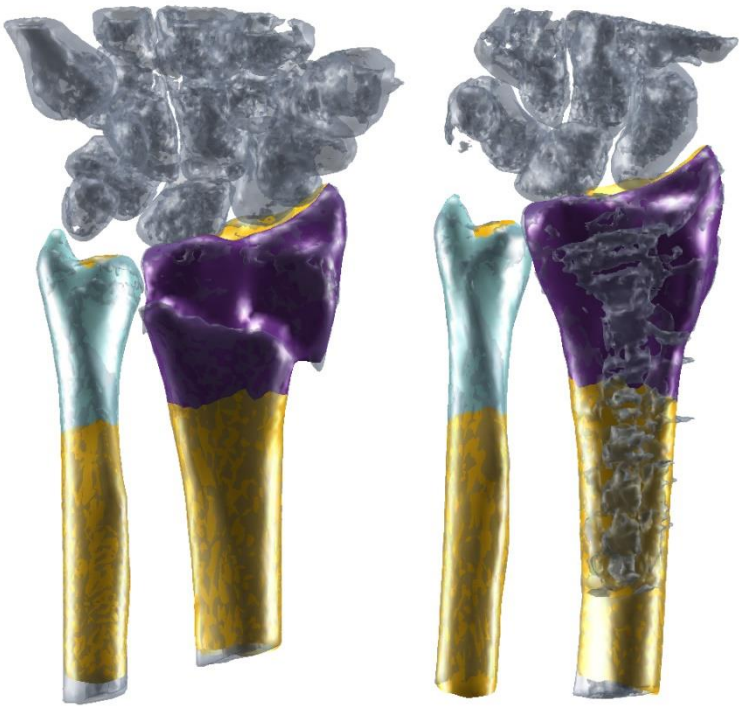
Wrist and Ankle

Wrist and ankle fracture, treatment planning

Key features:

1) Measures fracture key parameters: width, length, distance, separation, angle, inclination
   - Pre- and post-operative results
2) Analyses fracture behavior with mechanical loading



#3	Pre	Post	Limit
UV	3.3mm	6.3mm	
RUI	21.3°	19.8°	>15°
DK	4.8°	6.5°	<15°

WRIST FRACTURE ANALYSIS, KEY PARAMETER MEASUREMENTS

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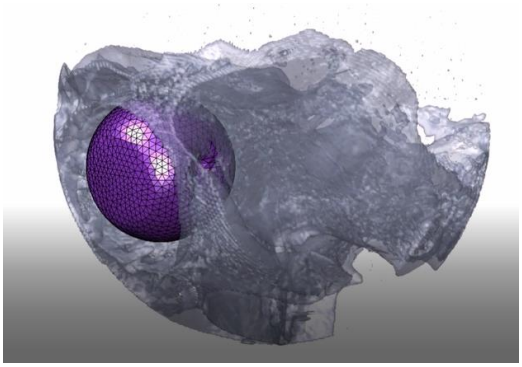
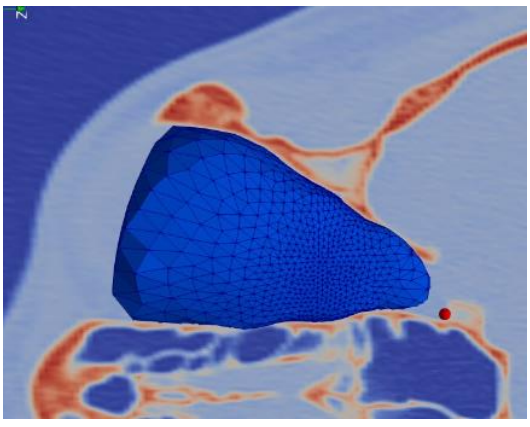
Orbital

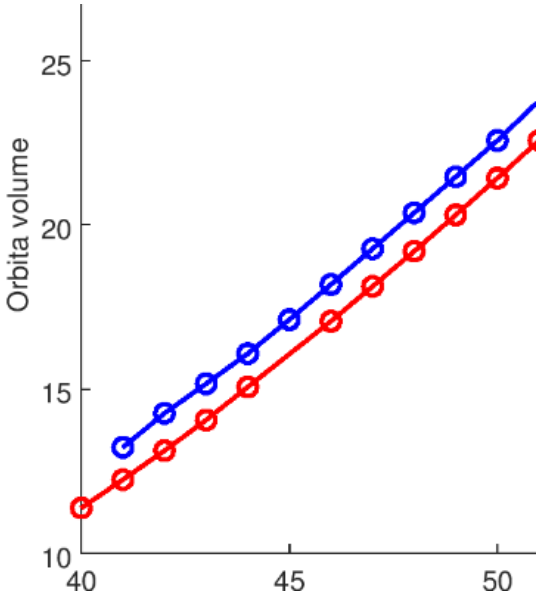
Orbital fracture, treatment optimization

Key features:

1) Measures fractured orbital volume
2) Analyses the shape of orbital volume







ORBITAL VOLUME AND SHAPE ANALYSIS

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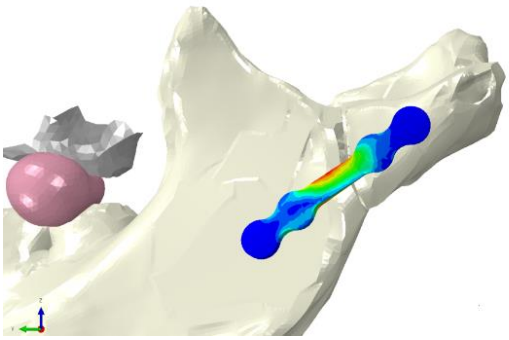
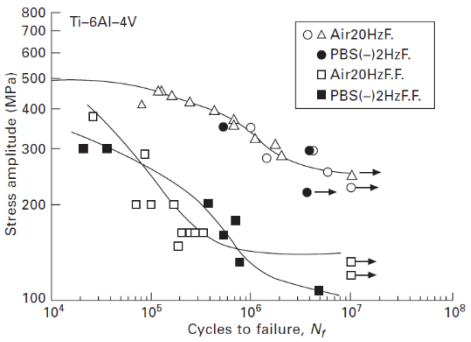
Maxillofacial

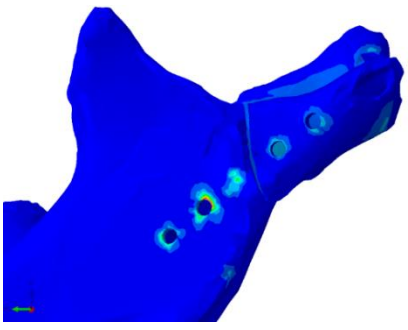
Maxillofacial fracture, surgery optimization

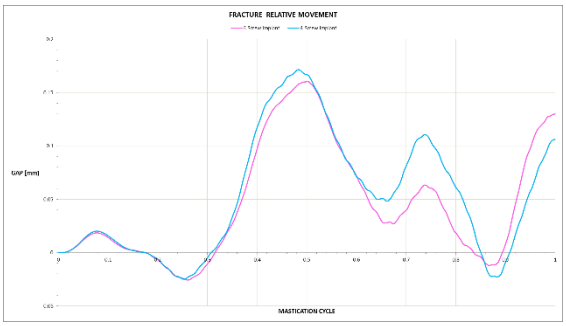
Key features:

1) Defines optimum implant structure for given fracture: ensures implant durability with minimal amount of metal
2) Minimizes invasion on bone
3) With off-the-shelf or designed implants









IMPLANT STRESS WITH LIFECYCLE ESTIMATE, EFFECT OF SCREWS ON THE BONE, FRACTURE RELATIVE MOVEMENT