

Disior Bonelogic CMF – Installation

CHARACTERIZE AND VISUALIZE ORBITAL BLOWOUT FRACTURES

- One click per orbit
- Compare the size and shape of the healthy and broken orbits
- Visualizations for fracture area, volume and collapse comparisons

IMPORTANT NOTE

The main purpose of the software is the characterization of orbital fractures.

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System requirements:

Standard Laptop or Desktop PC with Windows 10
8 GB RAM
Dedicated Graphics Cards with 1 GB of memory
Minimum 1 GB Hard Drive
Internet connection to Disior Cloud (port 3698 open)

HOW TO GET STARTED

To start using the software, you will need to:

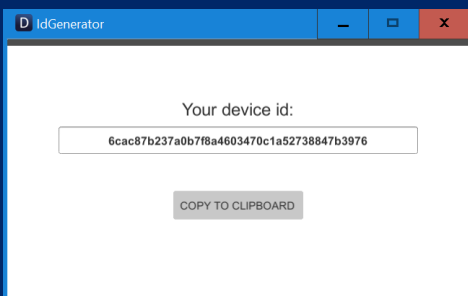
1. Define the computer for installation, run **IdGenerator** program shared by Disior and send the generated ID by e-mail to Disior.
2. Receive the installation file from Disior.

INSTALL THE SOFTWARE

The installation link will ask you to **Run** or **Save** the file. Choose **Save** and follow the instructions.

Open the installed application. Select **OK**, **Run** or **Next** to all questions.

YOUR SOFTWARE IS NOW READY FOR USE.



1. Dicom data, local computer

- Dicom image data is loaded to Disior Bonelogic CMF local desktop software
- Raw pixel data is separated from the Dicom data and saved in binary format (.bin)
- No patient info or other Dicom-info is stored

2. Visualizations & preprocessing, local computer

- 3D-model and 2D-representation are shown on screen
- User defines solver parameters and starts computations

3. File upload to cloud, local computer

- Raw pixel data and user defined parameters are sent to cloud for computation via SSH-connection
- SSH-connection is secured with a password/key file -combination.

4. Computations & result creation, cloud

- Cloud solver calculates orbital volumes, fracture volume and other desired elements
- Results are saved as numeric data
- Result visualizations are created in STL format
- Pixel data is deleted
- Numeric results can be used for statistics and software development

5. Result downloading & presenting, local computer

- Numeric results and STL files are downloaded via SSH-connection.
- Result data is shown on screen for examination.

