

ProModel Service is located at [www.planmeca.com/promodelservice](http://www.planmeca.com/promodelservice)

## PLANMECA

### ProModel Service

■ Type of order

Order for

Please select \*

- Physical model and implant
- Physical model only
- Implant only

**Type of order:** Choose the type of ProModel product You want to order. **Physical model** refers to 3D printed anatomic model based on CT data. Implant means collaboration for designing and manufacturing patient specific implants, surgical guides and/or such custom instruments.

### Purchaser: Note:

- Please enter a street address that courier companies will accept. No P.O. box addresses.
- The order confirmation will be sent to the given email address. Please use your own address, even if You are not the surgeon who will be responsible for the planning process.

When done, click .

### Purchaser

First name \*

Last name \*

Hospital \*

Email \*

Tel \*

Delivery Address \*

City \* Zip \*

Delivery Country \*

FINLAND

Delivery Reference

Is invoice address same as delivery address? \*

Yes  No

NB. Delivery address must not be P.O. Box. (Street address etc. is suitable for courier companies) According to Medical Devices Act (Laki terveydenhuollon laitteista ja tarvikkeista 629/2010) the purchaser is defined as a manufacturer in this Purchase Order Form. The implant will be manufactured according to Purchaser's clinical instructions.

**Please read and accept the service terms in order to proceed with the order.**

[Show service terms](#)  I agree to the service terms.

### Specifying order and attaching file(s):

When ordering an implant (or other custom instrument), please fill in at least the type and diameter of the screws that will be used. Give at least an estimated operation date. In urgent cases, we assume that delivery on the day before the operation is sufficient.

#### ProModel Service

- Type of order
- Purchaser data
- Specifying order and attaching file(s)

#### Patient specific implant

Please select \*

- Reconstruction plate
- Mesh plate
- Orbit
- Other

Please specify other

Estimated operation date \*

18.09.2015 dd.mm.yyyy

Screw type (brand label)

Synthes Cortex

Diameter (in mm)

3.5

Length (in mm)

Locking system (if other than screw)

### Printed skull model:

When ordering an anatomic 3D printed model, please specify what kind of identification marking is preferred. The text will typically be printed on the back or side of the skull in black, about 5 to 10 mm tall letters.

#### Printed skull model

(Physical model build according the sent CBCT/CT data)

ProModel ID (printed on the surface of the model, please check the appropriate boxes):

Please select \*

- Patient name
- Patient ID
- No ProModel ID
- Other

Please specify other

Desired delivery date for skull model \*

27.02.2015 dd.mm.yyyy

### **Information for surgical engineer:**

By filling in all the information that could affect to design of implants or other custom instruments, You can save time in the online meeting. If, for example, the resection lines, reconstruction geometry or type of orthognatic surgery and estimated corrective movements are known to us in advance, it is possible to prepare an accurate 3D model. This makes collaboration as efficient as possible.

#### Information for surgical engineer




```
Mandibular reconstruction with free fibula flap.  
Resection from 36 to 46, reconstruction with left  
fibula, three piece, connection to right neck,  
skin island intraoral.
```


### **Drawing:**

Draw some sketches to illustrate the operation to be planned. The application lets You draw several sketches on three different backgrounds images. As an early warning: You will not be able to see the sketches after saving them.

#### Drawing

Remember to create drawings.  
[Open drawing app window](#)

Open the application by clicking **Open drawing app window**.  lets You drag straight lines and  creates freehand lines. The line color can be changed on the right. Save by clicking . If You need to start a drawing from the beginning, pick a new background image. When picking new background images, the application always asks about saving, even if the drawing was just saved. If You save several times, the result is just some extra images and no particular harm is done.

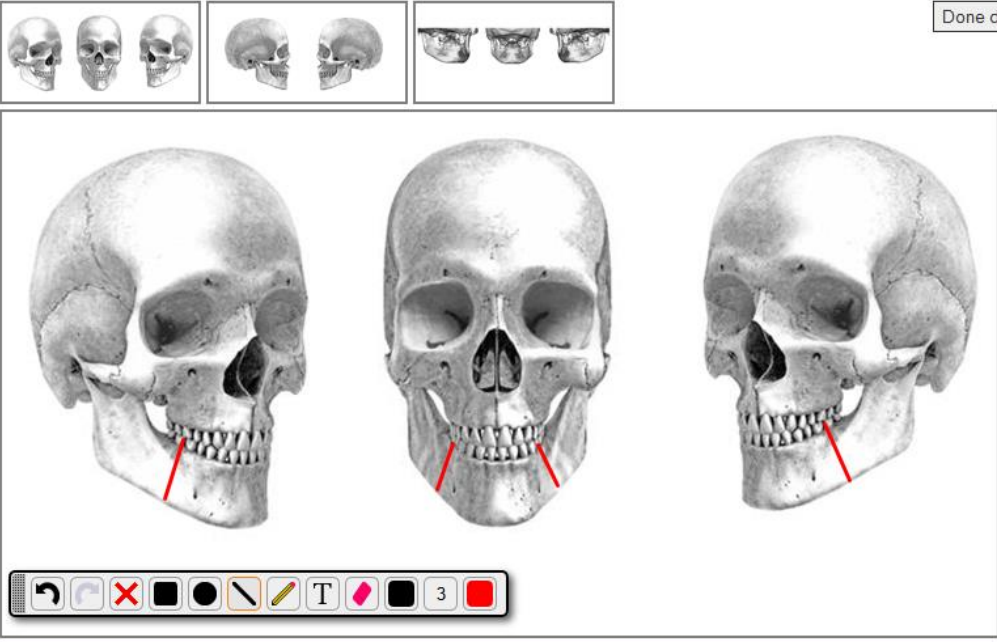
After saving enough drawings, click  .

Printed skull model

### Drawing

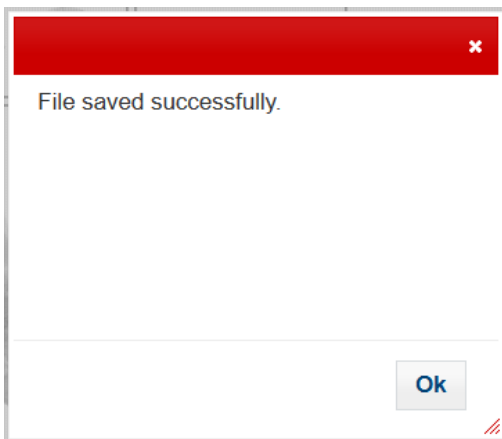
Please draw on the images the type of implant requested on the correct anatomical site.  
Please draw also the screw locations and resection lines. Use as many pictures as needed.  
Select background image by clicking the thumbnails below. **Remember to save image.**

Done drawing



The drawing interface features three main skull views: a left lateral view, a frontal view, and a right lateral view. Each view has a red line drawn on the lower jaw area, indicating a resection line. Above the main views are three groups of thumbnails: three lateral views, two frontal views, and three close-up views of the jaw. A toolbar at the bottom contains icons for undo, redo, delete, fill, stroke, line, text, eraser, and a layer indicator showing '3' layers. A 'Done drawing' button is located in the top right corner of the drawing area.

After saving a drawing You get this info box, which You may close by clicking **Ok**:



File saved successfully.

Ok

The dialog box has a red header bar with a close button (X) in the top right corner. The text 'File saved successfully.' is centered in the main area. An 'Ok' button is located at the bottom right of the dialog box.

**Drawing**

Please draw on the images the type of implant requested on the correct anatomical site.  
Please draw also the screw locations and resection lines. Use as many pictures as needed.  
Select background image by clicking the thumbnails below. **Remember to save image.**

Done drawing

The drawing application interface includes a toolbar at the top with three thumbnails of skull views (frontal, lateral, and another lateral view). Below the thumbnails is a large drawing area containing two lateral views of a human skull. Red lines are drawn on the lower jaw area of both skulls, indicating resection lines. To the right of the drawing area are icons for saving and deleting. At the bottom of the drawing area is a toolbar with various drawing tools: a selection tool, a red 'X' for deletion, a black square, a black circle, a black line, a yellow pencil, a white 'T' for text, a pink diamond, a black square, the number '3', and a red square.

After sketching and saving enough drawings, click **Done drawing**. Check that drawings have been saved:

### Drawing

2 drawing(s) saved.

Remember to create drawings.

[Open drawing app window](#)

**Attachment:**

**Attachments**

Remember to upload files.

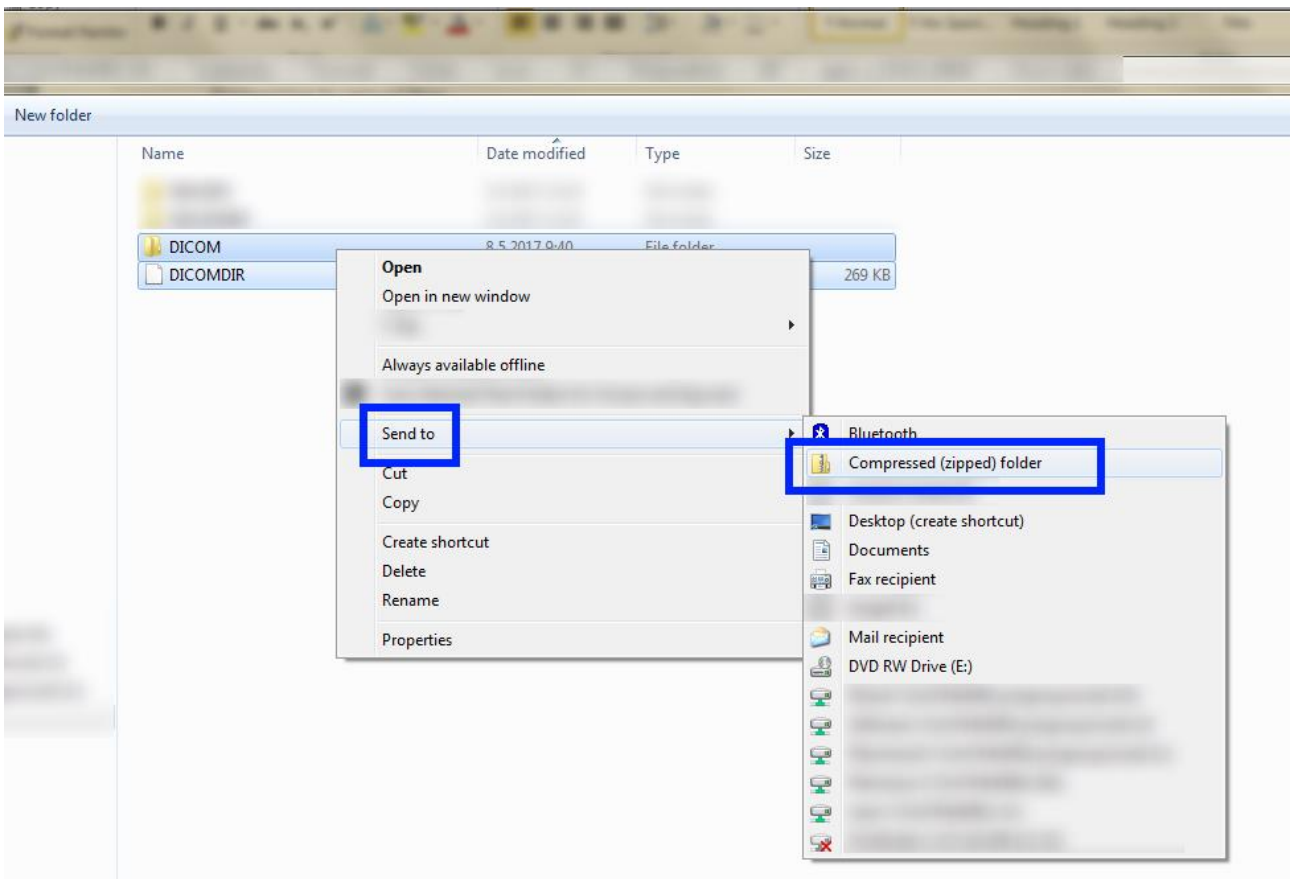
Please create zip archive of the whole DICOM dataset before uploading.  
In Windows right-mouse click and select Send to > Compressed (zipped) folder.

[Open file upload window](#)

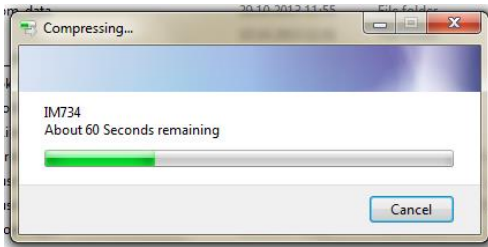
**IMPORTANT:** First compress the dicom data into a ZIP file, then upload the ZIP file. If You did not already compress the dicom data, You may hide the web browser for a while and do it before continuing.

As an example: How to compress files into a ZIP file using Windows 7. Note: in this example there is a folder with name DICOM and file DICOMDIR. However, it is strongly recommended to select the entire contents of the CT disc, because the file names and folder structure vary between imaging systems.

The actual compression is done by selecting the file(s)/folders(s), right-clicking on them and selecting **Send to, Compressed (zipped) folder**.



Wait for the process to finish.



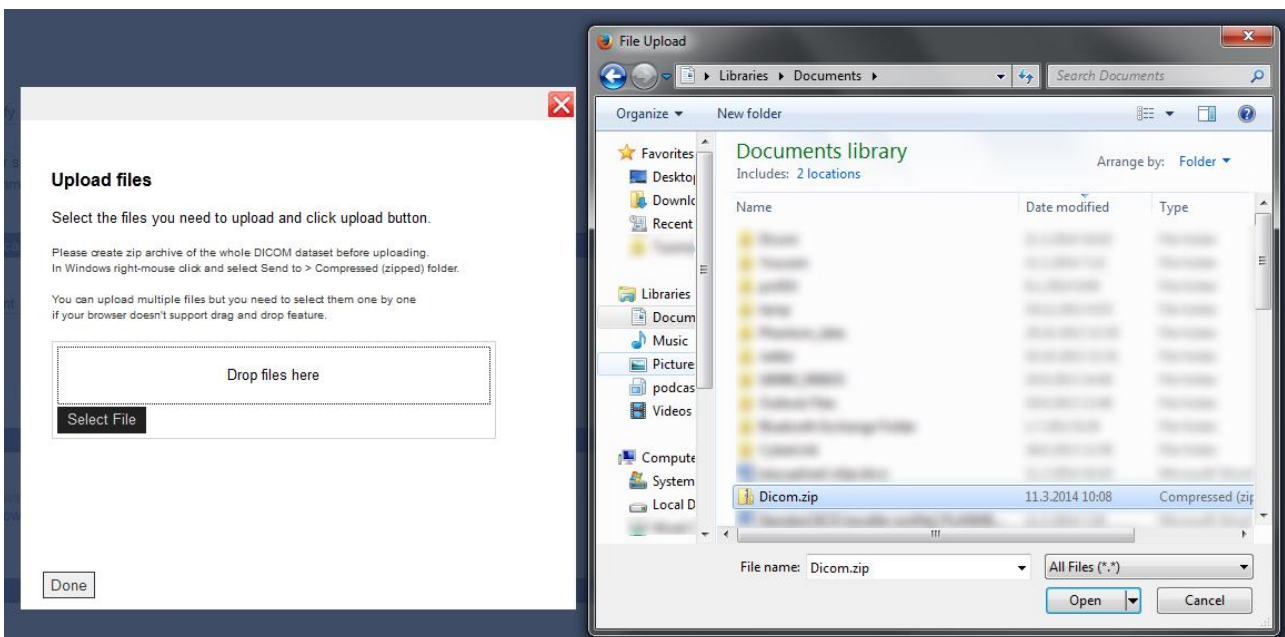
## Attachments

Remember to upload files.

Please create zip archive of the whole DICOM dataset before uploading.  
In Windows right-mouse click and select Send to > Compressed (zipped) folder.

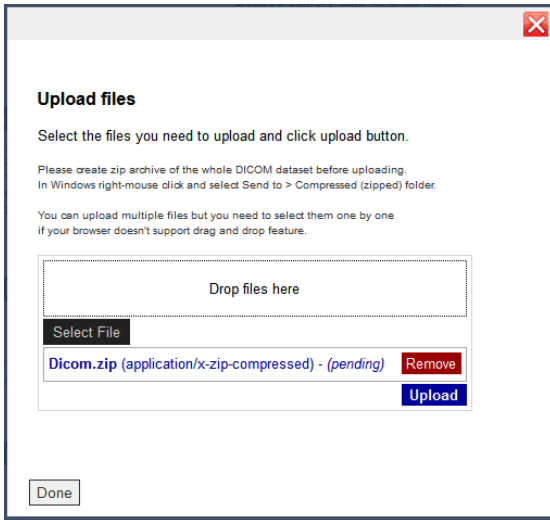
[Open file upload window](#)

*The actual uploading:* Back in the web browser and ProModel service, click **Open file upload window**. Click **Select File** and find the ZIP file containing the CT data, click **Open**. The ZIP file may also be drag-dropped into the **Drop files here** area, provided that the browser is not very old.

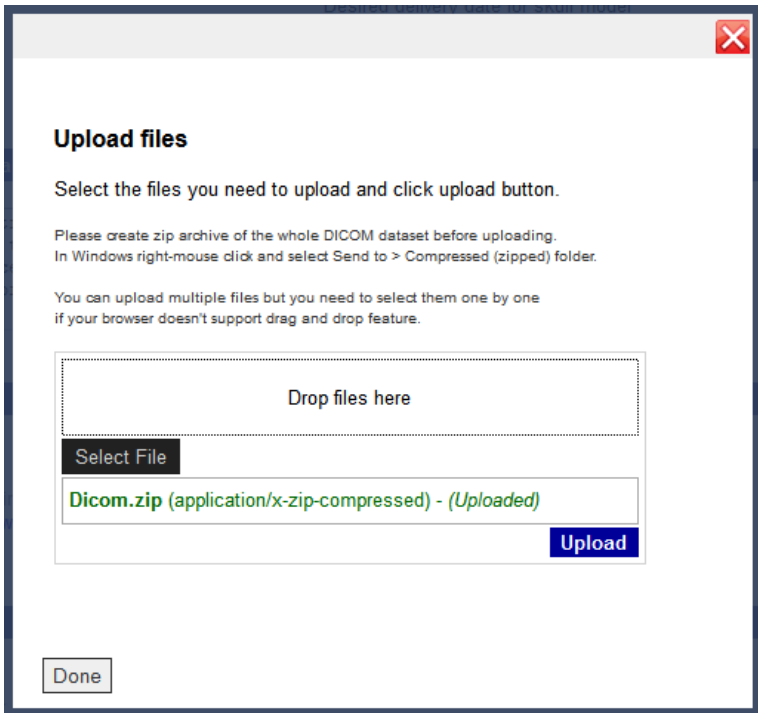


You may select several files by clicking **Select File** again and repeating the preceding steps. After selecting appropriate file(s) into the list, click **Upload** (see images below).

**VERY IMPORTANT:** Please wait for the upload process to finish! It could take some time, since the CT images are easily hundreds of megabytes of size, even if ZIP compressed. Only after it says *“Uploaded”* next to each filename, You may click Done.



Click **Upload** and wait for the file(s) to be uploaded!



When it says *Uploaded* next to the filename, You may click **Done**.

#### Attachments

1 file(s) uploaded.

Remember to upload files.

Please create zip archive of the whole DICOM dataset before uploading.  
In Windows right-mouse click and select Send to > Compressed (zipped) folder.

[Open file upload window](#)

After this, You may finish by clicking

**Submit order**



## ProModel Service

- Type of order
- Purchaser data
- Specifying order and attaching file(s)
- **Order submitted**

### Order confirmation

Your order was submitted successfully. Specialist will contact you in next 24 hours.  
Your case id is: IMPL1098

[Create new order](#)