



Patient-Specific Anatomical Modeling Order Form

To place an order, you will need to send the following items to **ProtoMED**:

- 1: This completed order form – can be faxed or mailed with the CT data
- 2: CT data – can be mailed or uploaded to our secure ftp site (please call for instructions)

ORDERING PHYSICIAN INFORMATION

Physician Name: _____
 Office Phone: _____ Fax: _____
 Physician E-mail: _____
 Facility Name: _____
 Shipping Address: _____

BILLING INFORMATION

- PO#: _____
 Credit Card
 Check

PATIENT INFORMATION

Patient Identification: _____ Patient Age: _____
 Date of Surgery: _____ Type of Procedure: _____

MODEL INFORMATION

- Would you like to preview and approve model via 3D images sent to your e-mail

Material:

- 2C (2-color, clear with highlighted anatomy) EP (epoxy, most accurate, bone-like) PL (plaster, inexpensive, opaque, multi-colored)



If Acrylic, please indicate anatomy to be highlighted (nerves, teeth/roots, hardware, etc.) : _____

Anatomy:

- | | |
|---|---|
| <input type="checkbox"/> #1 Mandible Only | <input type="checkbox"/> #5 Cranium Only |
| <input type="checkbox"/> #2 Maxilla Only (includes TMJ) | <input type="checkbox"/> #6 Full Skull |
| <input type="checkbox"/> #3 Mandible through Maxilla | Mandible: <input type="checkbox"/> Attached <input type="checkbox"/> Detached |
| Mandible: <input type="checkbox"/> Attached <input type="checkbox"/> Detached | <input type="checkbox"/> #7 Custom Anatomy – Please call for quote |
| <input type="checkbox"/> #4 Mandible through Orbits | Description: _____ |
| Mandible: <input type="checkbox"/> Attached <input type="checkbox"/> Detached | _____ |

For questions concerning your order, please call **ProtoMED**



Phone: 303-466-5610

Fax: 303-255-5576

CT Scanning Protocol for Anatomical Bone Models

Patient-specific 3-D modeling is only as accurate as the CT data used to create the model. Below is the protocol to ensure clean and accurate CT data collection for the purpose of 3-D model generation. For optimum results, follow the protocol below.

Compatible Scanning Equipment

ProtoMED's patient-specific bone models can be created using data from all DICOM compatible scanners. DICOM compatible scanners include but not limited to, the following:

GE, Hitachi, Phillips, Siemens, Toshiba, Cone Beam Scanners

Preferred Algorithm by Manufacturer (standard soft tissue)

GE	Hitachi	Siemens	Toshiba
Standard	4	H30s	FC03 or FC30

Remove all non-fixed metal including jewelry, dentures, and prosthesis

Use 1mm slices or smaller

Set Gantry Tilt to "0"

It is very important the patient does not move or swallow during the scanning process.

Make a CD or disc with the [uncompressed DICOM image data](#).

Label the CD or disc with the following:

- Patient Identification
- Physician Name
- Facility Name
- CT Technologist Name
- Technologist Phone Number

You may upload the uncompressed DICOM data to our secure ftp site. Please contact us for upload instructions.

Or, you may send the completed Order Form and the uncompressed DICOM data to:

ProtoMED, Inc.
1329 West 121st Avenue
Westminster, CO 80234

Please contact us for instructions on uploading CT data or with any questions.



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