

Medical Modeling

CT-Based Anatomical Bone Models



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Stryker offers CT-Based Anatomical Bone Models to facilitate pre-surgical planning in complex cases such as distraction osteogenesis, orthognathics, skull base tumors, mandible and cranial reconstructions.

- Potentially increase OR efficiency through enhanced pre-operative planning
- Accurate 3-D models

OsteoView Anatomical Models

- Opaque physical appearance
- Low Cost

Cat. No.	Qty	Description
6500000011	1	OsteoView Mandible
6500000012	1	OsteoView Maxilla
6500000013	1	OsteoView Mandible & Maxilla
6500000014	1	OsteoView Full Skull, Adult
6500000015	1	OsteoView Full Skull, Pediatric (up to 5 years)



Mandible



Maxilla



Mandible/Maxilla



Full Skulls

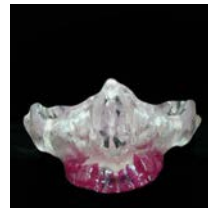
ClearView Anatomical Models

- Sub-millimeter accuracy
- Sterilizable material
- Selective coloration of vital structures

Cat. No.	Qty	Description
6500000006	1	ClearView Mandible
6500000007	1	ClearView Maxilla
6500000008	1	ClearView Mandible & Maxilla
6500000009	1	ClearView Full Skull, Adult
6500000010	1	ClearView Full Skull, Pediatric (up to 5 years)



Mandible



Maxilla



Mandible/Maxilla



Full Skulls

CT Scanning Guidelines

1. A 2-D axial, or helical CT scan without contrast done in the axial plane should be performed using 1mm x 1mm (or less) cuts to give the most accurate dataset. The patient should be positioned supine with occlusal plane parallel to the gantry. The scan should be performed using a standard algorithm (not bone or detail), using a 25cm field of view (FOV), and archived as uncompressed image data (Do NOT send raw data).
2. The CT scan facility will archive the image data from the scan to an optical disk or CD-ROM for transport to Medical Modeling LLC (Do not send film). Certain facilities may also be able to FTP (file transfer protocol) this data for Internet transfer. Have the CT facility contact Medical Modeling LLC to discuss different options for transfer of data. Optical disks will be returned to the scanning facility.
3. Medical Modeling LLC supports all brands of scanners.

A surgeon must always rely on his or her own professional clinical judgment when deciding whether to use a particular product when treating a particular patient. Stryker does not dispense medical advice and recommends that surgeons be trained in the use of any particular product before using it in surgery. The information presented is intended to demonstrate the breadth of Stryker product offerings. A surgeon must always refer to the package insert, product label and/or instructions for use before using any Stryker product. Products may not be available in all markets because product availability is subject to the regulatory and/or medical practices in individual markets. Please contact your Stryker representative if you have questions about the availability of Stryker products in your area.

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