

# Presurgical Planning **Anatomic Model** Solutions



## 3D Technologies for Healthcare Professionals

The 3D Printing and Training Center at Clarkson College offers design to delivery service for FDA-cleared, diagnostic quality anatomic models. You can select from a broad range of materials and colors to achieve the goal of its intended use. Service begins with the receipt of patient imaging data from CT or MR scans followed by image processing and model design resulting in a 3D printed patient specific model.

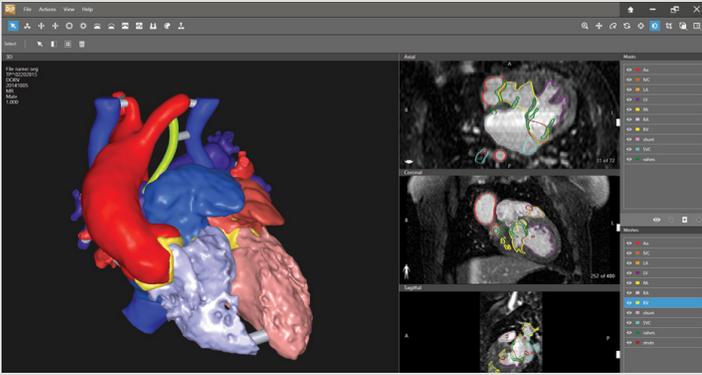
# Advanced Software

## D2P® Software

The 3D Printing and Training Center at Clarkson College uses FDA 510(k)-cleared D2P software to create diagnostic-quality digital 3D models and physical 3D prints quickly and easily.

## Geomagic Freeform® Software

We use Geomagic Freeform to design intricate structures and sculpted shapes, especially patient-specific models. As the industry's most comprehensive, organic, hybrid-design software on market, Geomagic Freeform enables us to solve complex, precision design and manufacturing challenges while easily addressing tasks within existing workflows.



### Multijet Printing (MJP)

Models printed in flexible, rigid, opaque and clear materials\*



### Stereolithography (SLA)

Translucent and opaque models printed in high-strength materials\*



### Colorjet Printing (CJP)

Full-color anatomic models to aid in visualization of complex structures



### Selective Laser Sintering (SLS)

Strong, durable models in medical-grade nylon materials\*

\*Materials capable of biocompatibility and sterility

# How it Works

## **STEP 1: Upload DICOM data**

Upload patient imaging data, clinical details, and model features required through our easy to use web portal.

## **STEP 2: Image Processing**

Clinical engineer segments the region of interest using FDA cleared software.

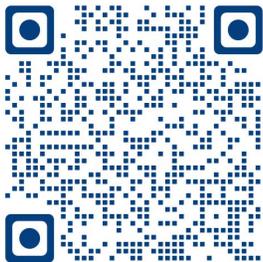
## **STEP 3: 3D Printing & Post Processing**

Segmented digital model is 3D printed on validated 3D printer and materials of choice to create a physical replica of the anatomy

## **STEP 4: Shipping**

Models typically ship within 5-7 business days

## Start A Case Today.



Submit a case at  
<https://3dlabatclarksoncollege.enhatch.com/>

# Start the Conversation

Reach out to us via [3dlab@clarksoncollege.edu](mailto:3dlab@clarksoncollege.edu) if you want to:

- Request material samples
- Consult with a 3D Lab Expert
- Discuss the benefits of using this product in your practice
- Get pricing information

**Indications for Use** – The D2P software is intended for use as a software interface and image segmentation system for the transfer of DICOM imaging information from a medical scanner to an output file. It is also intended as pre-operative software for surgical planning. For this purpose, the output file maybe used to produce physical replica. The physical replica is intended for adjunctive use only with other diagnostic tools and expert clinical judgment for diagnosis, patient management and/or treatment selection of cardiovascular, craniofacial, gastrointestinal, genitourinary, neurological, and/or musculoskeletal applications.

Distributed by:



The 3D Printing and Training Center at Clarkson College  
101 South 42nd Street, Omaha, NE 68131 USA  
+1 402 552 -3569  
[3dlab@clarksoncollege.edu](mailto:3dlab@clarksoncollege.edu)

Manufactured by:



5381 South Alkire Circle, Littleton, CO 80127  
USA+1 720 643 1001  
[healthcare-customerservice@3dsystems.com](mailto:healthcare-customerservice@3dsystems.com)  
[www.3dsystems.com](http://www.3dsystems.com)  
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