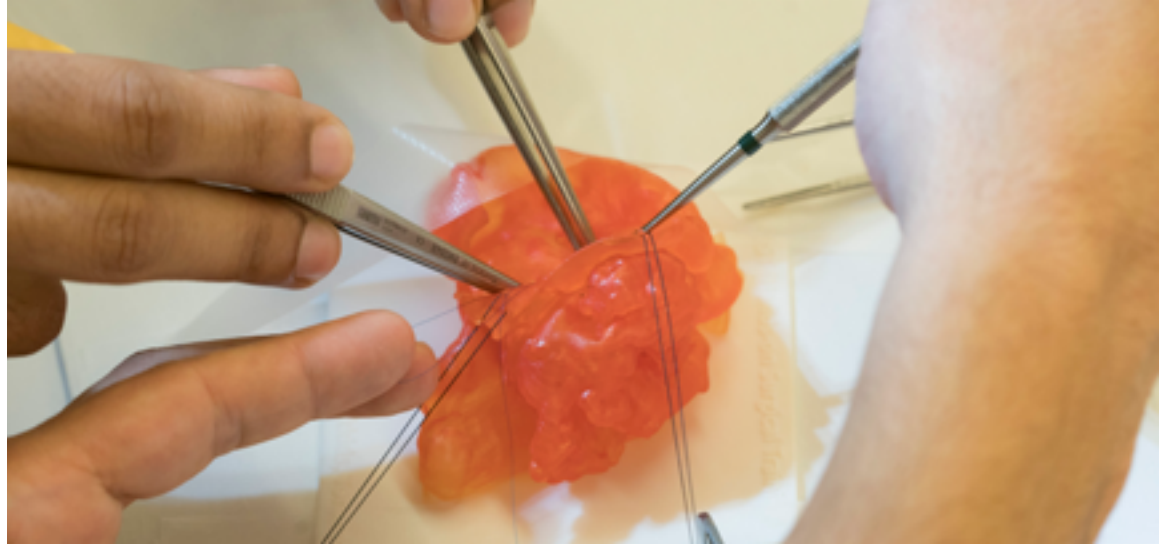


J750 Digital Anatomy Solutions

Bringing Medical Models to Life



Moving From Visualization To Simulation

- Provide physicians the opportunity to learn and develop skills prior to entering the operating room
- Create a life-like cardiac environment for surgeon training and procedural planning
- Train anywhere in a risk-free surgical setting on a range of pathologies each and every time
- Reduce the costs and inconveniences of cadaver and animal labs

Digital Anatomy Applications: Cardiac

Stratasys® collaborated with leading medical device companies, hospitals, and research institutions to replicate the look and feel of actual cardiac tissues to bring you validated cardiac applications.

Each is functional, realistic and accurate, mimicking the look and feel of human anatomy — all made possible by our new digital materials unique to the J750™ Digital Anatomy™ printer.

Accuracy

- Replicates very fine anatomy such as cordae tendineae and valve leaflets

Realistic

- Ultra-soft material to mimic the feel and response of heart tissue
- Recreate hearts with functioning cords, annulus, valves and calcification
- Clinically realistic haptic feedback to device insertion and deployment
- Flexible to allow navigation of tortuous anatomy

Functional

- Simulate clinical procedures for physician training and surgical planning
 - Maintains both compliance as well as durability and allows:
 - > Cutting and suturing
 - > Device insertion and deployment
 - > Patching

For more
information, contact
medical@stratasys.com.





These 3D printed models have tremendous value in developing surgeons' skills ... students agreed the 3D printed heart models were tremendously helpful for them."

Shi-Joon Yoo, MD, PhD
Cardiac Radiologist
 Hospital for Sick Children, Toronto, Canada

ISO 9001:2015 Certified

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