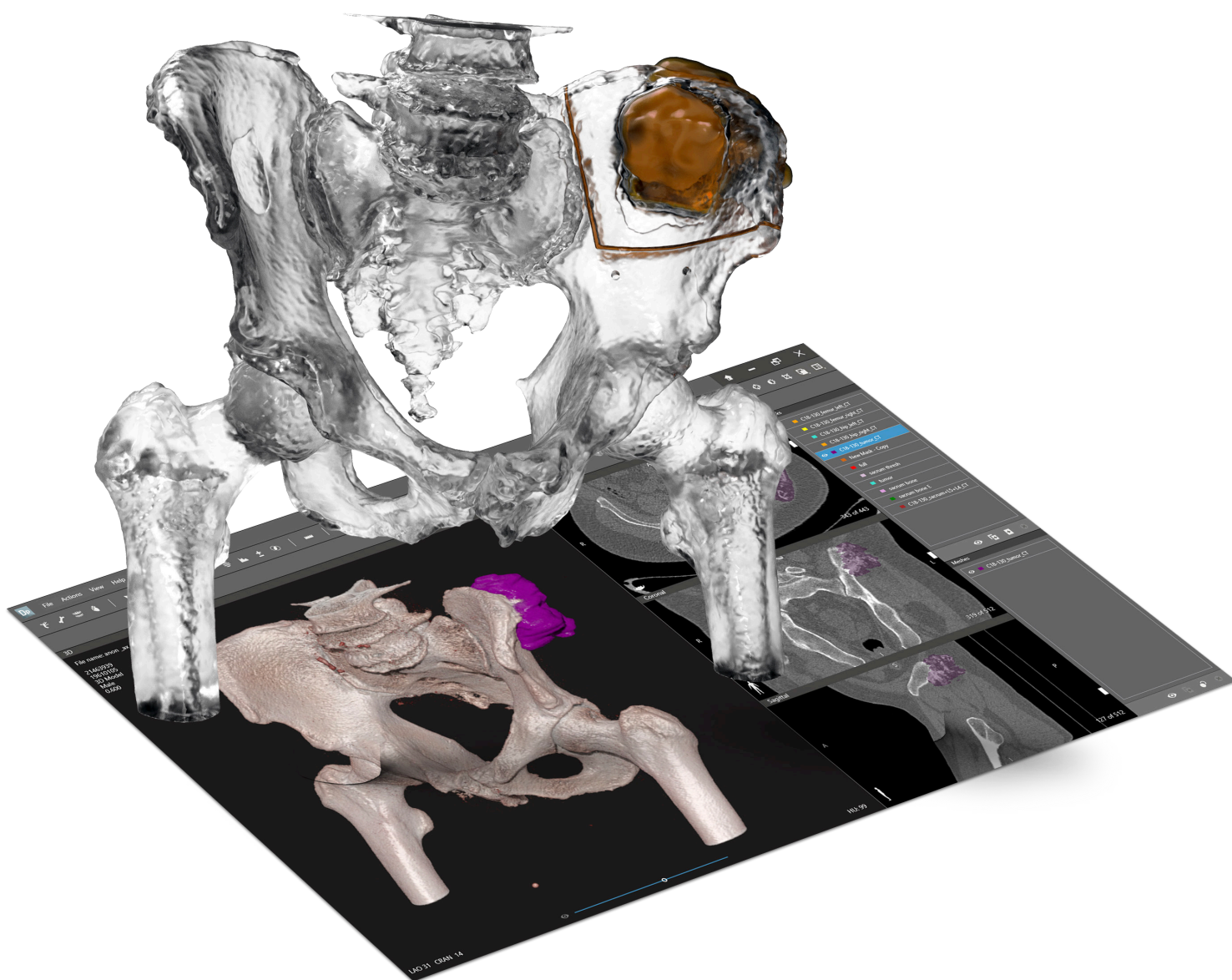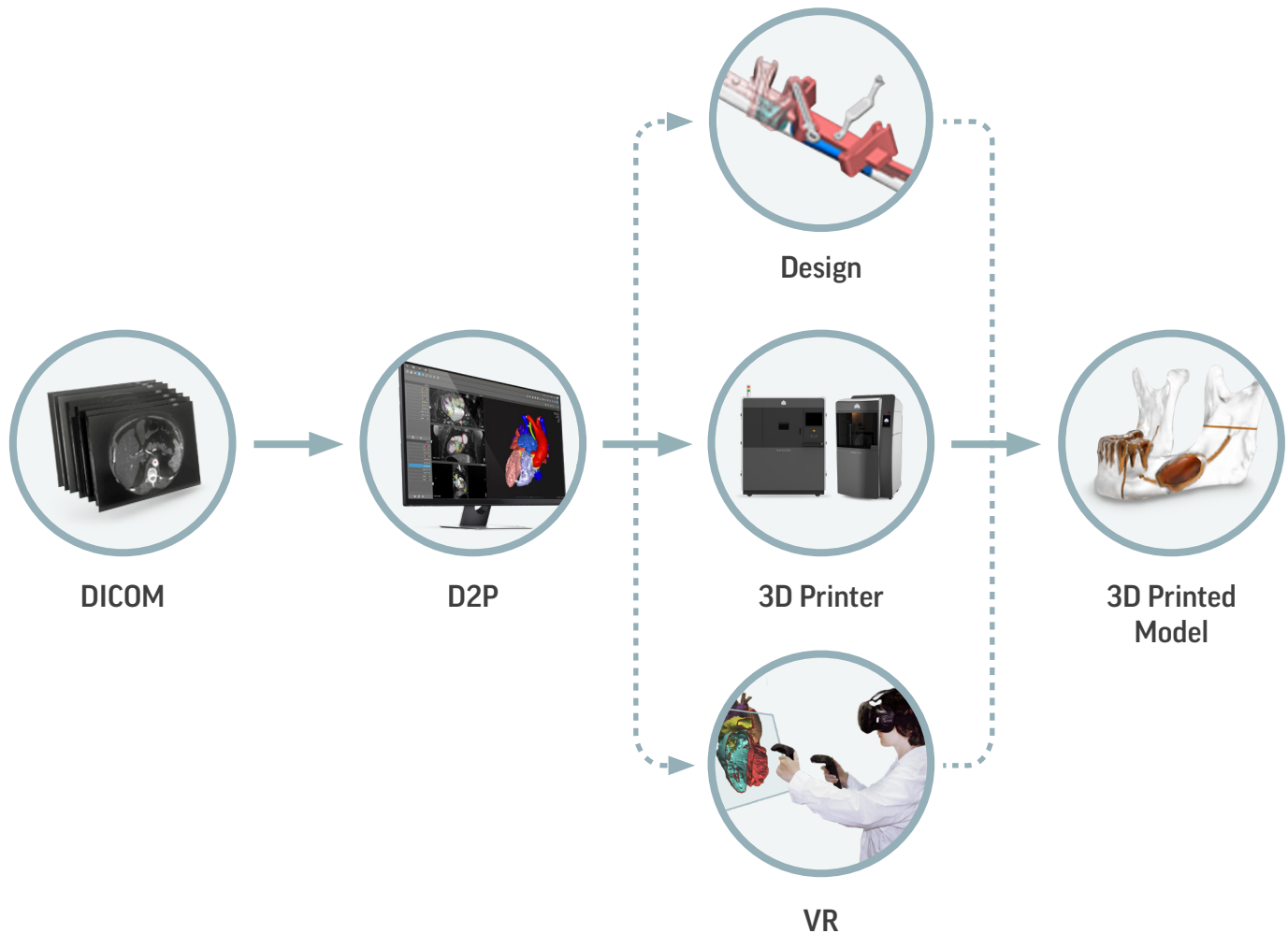# D2P DICOM to PRINT

Faster. Easier. Diagnostic Quality.

3D SYSTEMS

D2P DICOM to PRINT

D2P® is an end-to-end image processing solution cleared by the FDA and CE marked for pre-operative surgical planning and the creation of diagnostic quality patient specific, anatomic models. D2P minimizes the need for technical expertise and seamlessly connects to advanced 3D visualization technologies. Smooth integration of deep learning into your workflow allows processing your data without user interaction and automatic retrieval of results at point of care.

Design

DICOM   D2P   3D Printer   3D Printed Model
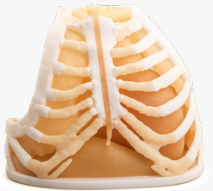
VR

Software Benefits

- Ideal for pre-operative surgical planning and diagnostic evaluation
- Effortless and instant 3D model segmentation using deep learning tools
- Supports various imaging modalities (CT, MR, CBCT)
- DICOM images can be viewed instantly in VR without segmentation
- Supports all popular 3D mesh formats for 3D printers, CAD and VR
- Intuitive editing tools

Comprehensive solution for quick 3D digital model creation making diagnostic 3D printing more accessible than ever.
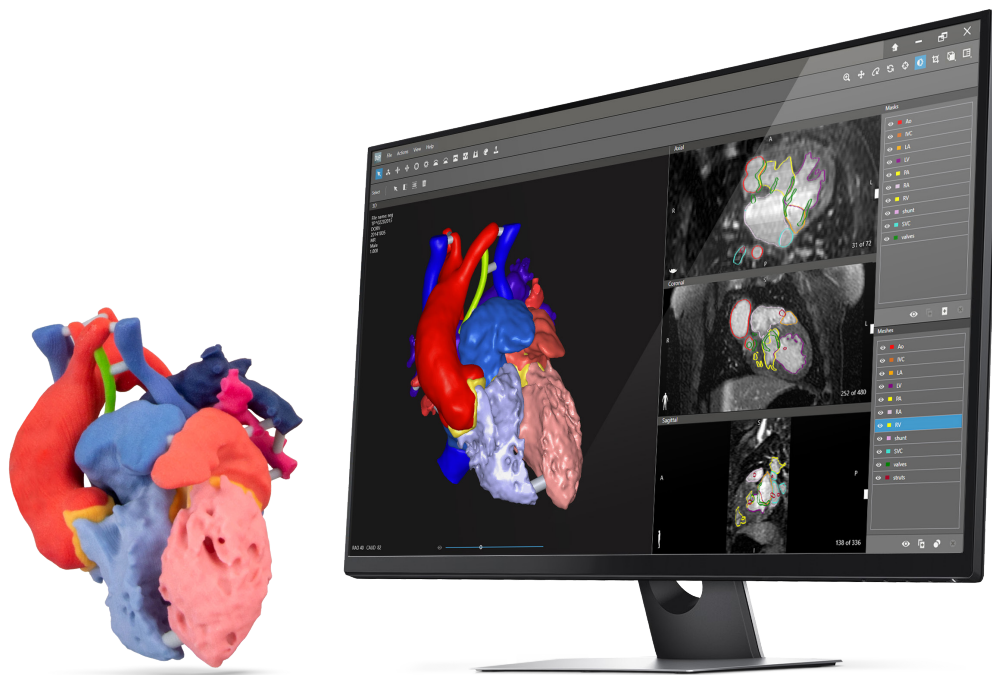
Compatible Printers

Printer Model	Features	Medical Specialty	Examples
ProJet CJP 660Pro	Use color jet printing technology when the final model is intended to have any combination of the following features: • Full color • Rigid • Easy to remove support material from internal surfaces • Fast • Low cost per print	• Cardiovascular • Craniofacial • Gastrointestinal • Genitourinary • Musculoskeletal • Neurological	
ProJet 7000 HD	Use stereolithography technology when the final model is intended to have any combination of the following features: • Rigid • Entirely translucent • Translucent with selective coloration to highlight anatomic structures • Sterilizable	• Cardiovascular • Craniofacial • Gastrointestinal • Genitourinary • Musculoskeletal • Neurological	
ProJet MJP 5600	Use multijet technology when the final model is intended to have any combination of the following features: • Highest resolution • Soft, flexible • Combinations of flexible and rigid materials • Easy to remove support from internal surfaces	• Cardiovascular • Craniofacial* • Gastrointestinal • Genitourinary • Musculoskeletal* • Neurological	
ProX SLS 6100	Use selective layer sintering technology when the final model is intended to have any combination of the following features: • Durable • Sterilizable • Easy to remove support material from internal surfaces	• Cardiovascular • Craniofacial • Gastrointestinal • Genitourinary • Musculoskeletal • Neurological	

*For MJP printing, craniofacial and musculoskeletal are only considered diagnostic quality when using CR-WT-200 material.
Visit www.3dsystems.com/dicom-to-print for the complete list of compatible printers, materials, and medical specialties.

"With the new D2P software, I was actually able to sit down with the CT scan as I would if I was just evaluating the patient's CT scan and very simply create the data set that could be then sent off to a 3rd party to be able to 3D print. There is no need to go out to a PhD. sitting at a university to make the model and manipulate the data or especially train technologists in a 3D lab. What it's doing, is putting the ability to actually generate those 3D models exactly the way we want them to be in the hands of practicing physicians, so they show us the information we need."

Dr. Barry Katzen
Founder and Medical Director
Miami Cardiac and Vascular Institute

Incorporate innovative 3D visualization into your patient care today.

For more information
Visit https://www.3dsystems.com/dicom-to-print or
email us at denver.healthcare@3dsystems.com

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