



Left Atrial Appendage Model

Atrial fibrillation can cause clots to form in the heart's left atrial appendage (LAA), risking stroke if they move to cerebral arteries. To reduce this risk, an occlusion device is inserted into the LAA to prevent clot migration. 3D printed models like this one, developed from patient-specific 2D scans, are used to properly size and position the device within the LAA. The models give physicians greater confidence in avoiding unnecessary intervention for adjustment or replacement with a different-sized device. 3D models (.STL) created using Vitrea Advanced Visualization software.

System	Stratasys J750™
Material	VeroWhite™, VeroMagenta™, TangoPlus™
Build time	4 hours, 51 min
Material Used	model 130 grams, support 227 grams