

Download 3d Printing Applications In Cardiovascular Medicine

A group of researchers from China and America have used 3D printing technology with HeLa cells and gelatin/alginate/fibrinogen hydrogels to successfully construct in ...3D bioprinting is a pioneering technology that enables fabrication of biomimetic, multiscale, multi-cellular tissues with highly complex tissue microenvironment, intricate cytoarchitecture, structure-function hierarchy, and tissue-specific compositional and mechanical heterogeneity. Clinical Applications. Synapse 3D applications are developed in collaboration with radiologists, cardiologists, surgeons, and other specialists to produce relevant clinical solutions that lead to exceptional patient care. Clinical Applications. Vital's suite of applications offers full-powered solutions for 2D, 3D and 4D advanced visualization used to process and analyze clinical data from multiple modalities – CT, MR, XA, PET, US and SPECT.