

Materials List for:

4D Printed Bifurcated Stents with Kirigami-Inspired Structures

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Materials

Name	Company	Catalog Number	Comments
Fortus380mc	Stratasys	Fortus 380mc	FDM 3D printer for printing blood vessel mock-up
Moment1 3D printer	Moment	Moment 1	FDM 3D printer for printing bifurcated stent
PC(white) Filament Canister	Stratasys	PC(white) Filament Canister	PC filament for printing blood vessel mock-up
PLM software NX 10.0	Siemens	NX 10.0	3D CAD modeling software
Sandpaper	DAESUNG	CC-600CW	Smoothing out the surface of the bifurcated stent
Shape Memory Polymer filament	SMP Technologies Inc	MM-5520	Shape memory polymer filament
silicon	Shinetus	KE-1606	silicon for blood vessel mock-up
Simplify3D	Simplify3D	Simplify3D 4.0.1	Slicing software for model slicing