

Materials List for:

## Multimodal 3D Printing of Phantoms to Simulate Biologic Tissue

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### Materials

Name	Company	Catalog Number	Comments
2-Hydroxy-2-methylpropiophenone	aladdin	H110280-500g	Light initiator <a href="http://www.aladdin-e.com/">http://www.aladdin-e.com/</a>
3D printing control system	USTC	USTC-3DPrinter_control1.0	custom-made github: <a href="https://github.com/macanzhen/">https://github.com/macanzhen/</a>
3D printing system	USTC	USTC-3DPrinter1.0	custom-made
AcroRip color	Human Plus	AcroRip v8.2.6	
All-in-one nozzle slicing script	Shenzhen CBD Technology Co.,Ltd.		github: <a href="https://github.com/macanzhen/">https://github.com/macanzhen/</a>
Chinese Red Dye	Juents		Oil-soluble
Cura	Ultimaker	Cura_15.04.6	
Gel Wax	Shanghai Lida Industry Co.,Ltd.	LP	melting point: 56 °C
Graphite	aladdin	G103922-100g	Change object optical absorption parameters <a href="http://www.aladdin-e.com/">http://www.aladdin-e.com/</a>
PDMS	Dow Corning	184	
Titanium dioxide	ALDRICH	24858-100G	347 nm
Triethylene glycol dimethacrylate	aladdin	T101642-250ml	Photocured monomer <a href="http://www.aladdin-e.com/">http://www.aladdin-e.com/</a>
UV ink SLA Photopolymer Resin	time80s	RESIN-A	<a href="http://www.time80s.com/zlxz">http://www.time80s.com/zlxz</a>