

Building Affordable, Durable, Medium-fidelity Ballistic Gel Phantoms for Ultrasound-guided Nerve Block Training

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jove.com/video/66194

Materials

Name	Company	Catalog Number	Comments
ABS Filament - 1.75 m+B+A2:A14	Hatchbox (Pomona, CA)		https://www.hatchbox3d.com/collections/abs-1-75mm
Adobe Photoshop	Adobe (San Jose, CA)		https://www.adobe.com/products/photoshop.html
Amber Tone Dye	Humimic Medical (Greenville, SC)	852844007925	Ballistic gel dye; https://humimic.com/product/amber-tone-dye/
Fusion 360	Autodesk (San Francisco, CA)		Computer-assisted design (CAD) software; https://www.autodesk.com/products/fusion-360/overview?term=1-YEAR&tab=subscription&plc=F360
Gelatin #1 - Medical Gel by the Pound	Humimic Medical (Greenville, SC)	852844007406	Ballistic gel; https://humimic.com/product/gelatin-1-medical-gelatin-by-the-pound/
Gluten-Free All-Purpose Flour	Arrowhead Mills (Hereford, TX)		Flour for echogenicity; https://arrowheadmills.com/products/gluten-free/organic-gluten-free-all-purpose-flour/
Microsoft PowerPoint	Microsoft (Redmond, WA)		https://www.microsoft.com/en-us/microsoft-365/powerpoint
Mold Star 16 FAST Pourable Silicone Rubber	Smooth-On (Macungie, PA)		Pourable silicone rubber; https://www.smooth-on.com/products/mold-star-16-fast/
Peach Tone Dye	Humimic Medical (Greenville, SC)	852844007895	Ballistic gel dye; https://humimic.com/product/peach-tone-dye/
PLA Filament - 1.75 mm	Hatchbox (Pomona, CA)		https://www.hatchbox3d.com/collections/pla-1-75mm
Prusa Original i3 MK3S+ printer	Prusa Research (Prague, Czech Republic)		3D printer; https://www.prusa3d.com/category/original-prusa-i3-mk3s/
Prusa Slicer 2.6.1	Prusa Research (Prague, Czech Republic)		3D printer slicer software; https://www.prusa3d.com/page/prusaslicer_424/

Wool-Ease Thick & Quick Yarn	Lion Brand Yarn (Lyndhurst, NJ)	640-610B	Yarn for simulated nerves; https://www.lionbrand.com/products/wool-ease-thick-and-quick-yarn?variant=32420963516509
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