

Materials List for:

Magnetically-Assisted Remote Controlled Microcatheter Tip Deflection under Magnetic Resonance Imaging

Steven W. Hetts¹, Maythem Saeed¹, Alastair Martin¹, Prasheel Lillaney¹, Aaron Losey², Erin Jeannie Yee¹, Ryan Sincic³, Loi Do¹, Lee Evans¹, Vincent Malba¹, Anthony F. Bernhardt¹, Mark W. Wilson¹, Anand Patel¹, Ronald L. Arenson⁴, Curtis Caton⁵, Daniel L. Cooke¹

¹Department of Radiology and Biomedical Imaging, University of California, San Francisco

²School of Medicine, University of California, San Francisco

³Department of Radiology and Biomedical Imaging, UCSF Medical Center

⁴University of California, San Francisco

⁵Hansen Medical, Mountain View, CA

Correspondence to: Steven W. Hetts at steven.hetts@ucsf.edu

URL: <https://www.jove.com/video/50299>

DOI: [doi:10.3791/50299](https://doi.org/10.3791/50299)

Materials

Name	Company	Catalog Number	Comments
GdDTPA Contrast Media (Magnevist)	Bayer HealthCare Pharmaceuticals Inc.	1240340	McKesson Material Number
Positive Photoresist	Shipley	N/A	PEPR-2400, Replacement: Dow Chemicals Intervia 3D-P
Copper Sulfate	ScienceLab	SLC3778	Crystal form
Sulfuric Acid	ScienceLab	SLS1573	50% w/w solution
Paraffin Wax	Carolina	879190	
Potassium Carbonate	Acros Organics	424081000	