

**Materials List for:**

# **Piezo High Accuracy Surgical Osteal Removal (PHASOR): A Technique for Improved Cranial Window Surgery in Mice**

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URL: <https://www.jove.com/video/56172>

DOI: [doi:10.3791/56172](https://doi.org/10.3791/56172)

## Materials

Name	Company	Catalog Number	Comments
Piezosurgery Touch	Mectron	5120062	Piezosurgery GP model has the same settings
Circular 4mm flat piezosurgery tip (# OT11)	Mectron	3370019	This tip was ideal for our windows but there are many other tips of different sizes available.
Stereotax frame	Kopf	963	
Mouse adaptor	Stoelting	51625	
Peristaltic pump for irrigation.	Cole-Parmer	WU-77120-42	Makes it easier to irrigate and frees up the other hand to provide stability. Irrigation can be performed by hand with a syringe if necessary.
Avitene Ultrafoam	Bard-Davol	1050020	Important to stop any minor bleeding instantly.
C&B Metabond	Parkell	S380	Much stronger than regular dental acrylic.
Artificial cerebro spinal fluid (ACSF)	Tocris	3525	
Puralube ophthalmic ointment	Dechra	17033-211-38	
Mice	JAX	664	
Prairie Ultima multiphoton microscope	Bruker		
JRGECO1a (AAV9.Syn.NES-jRGECO1a.WPRE.SV40)	UPENN Vector Core		