

Materials List for

# Electromagnetic Source Imaging in Presurgical Evaluation of Children with Drug-Resistant Epilepsy

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jove.com/video/66494

## Materials

Name	Company	Catalog Number	Comments
AIRSTIM unit	SD Instruments	N/A	The SDI AIRSTIM system is an alternative unconditioned stimulus to shock
Baby Shampoo	Johnson's	N/A	Baby Shampoo is as gentle to the eyes as pure water and is specially designed to gently cleanse baby's delicate hair and scalp.
Control III disinfectant cleaning solution	Maril Products, Inc.	<a href="http://www.controlthree.com/">http://www.controlthree.com/</a>	Disinfectant and germicide solution formulated for hospitals
Elekta Neuromag	TRIUX	NM24132A	Comprehensive bioelectromagnetic measurement system characterized by 306-channel neuromagnetometer for functional brain studies
FASTRAK	Polhemus technology	NS-7806	Using A/C electromagnetic technology, FASTRAK delivers accurate position and orientation data, with virtually no latency. With a single magnetic source, FASTRAK delivers data for up to four sensors. The source emits an electromagnetic field, sensors within the field of range are tracked in full 6DOF (6 Degrees-Of-Freedom). Setup is simple and intuitive, with no user calibration required.
Genuine Grass Reusable Cup EEG Electrodes	Natus Medical, Inc.	N/A	Each Genuine Grass EEG Electrode undergoes rigorous mechanical and electrical testing to assure long life for unsurpassed recording clarity and dependability.
Geodesic Sensor Net	Electrical Geodesics, Inc.	S-MAN-200-GSNR-001	32 to 256 electrodes to place on the human head to acquire dense-array electroencephalography data

GeoScan Sensor Digitization System	Electrical Geodesics, Inc.	8100550-03	Handheld Scanner and Software for 3D electrode position registration
Natus Xitek NeuroWorks	Natus Medical, Inc.	<a href="https://natus.com/">https://natus.com/</a>	The Natus NeuroWorks platform simplifies the process of collecting, monitoring and managing data for routine EEG testing, ambulatory EEG, long-term monitoring, ICU monitoring, and research studies.
Natus NeuroWorks EEG Software	Natus Medical, Inc.	<a href="https://natus.com/neuro/neuroworks-eeeg-software/">https://natus.com/neuro/neuroworks-eeeg-software/</a>	NeuroWorks EEG software simplifies the process of collecting, monitoring, trending and managing EEG testing data, allowing care providers to save time and focus on delivering the best care.
ROSA ONE Brain	Zimmer Biomet	<a href="https://www.zimmerbiomet.com/en/products-and-solutions/zb-edge/robotics/rosa-brain.html">https://www.zimmerbiomet.com/en/products-and-solutions/zb-edge/robotics/rosa-brain.html</a>	ROSA ONE Brain is a robotic solution to assist surgeons in planning and performing complex neurosurgical procedures through a small drill hole in the skull.
Ten20 Conductive Paste	Weaver and company	N/A	Ten20 contains the right balance of adhesiveness and conductivity, enabling the electrodes to remain in place while allowing the transmittance of electrical signals.