

Materials List for

Clinical Indications for Rapid Sequence MRI in Pediatric Neurosurgical Patients and the Limitations and Barriers to Implementation

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URL

jove.com/video/65797

Materials

Name	Company	Catalog Number	Comments
Alarm bell	Siemens	https://www.siemens.com/global/en/products/buildings/fire-safety/evacuation/notification-ul.html	
Brain and spine coils	Siemens	https://www.siemens-healthineers.com/magnetic-resonance-imaging	
Consent form to be filled out by parents or guardian	Local Health System	N/A	
Ear plugs	3M Classic Ear Plugs	https://www.3m.com/3M/en_US/p/?Ntt=classic+ear+plugs	
Ferroguard Metal Detector	Metrasens	https://www.metrasens.com/solution/ferroguard-assure/	
Immobilization restraints	Siemens	https://www.siemens-healthineers.com/magnetic-resonance-imaging	
Landmarkers, laser markers, or touch sensors	Siemens	https://www.siemens-healthineers.com/magnetic-resonance-imaging	
MR power cut-off	Siemens	https://www.siemens-healthineers.com/magnetic-resonance-imaging	
MR quench button	Siemens	https://www.siemens-healthineers.com/magnetic-resonance-imaging	
MRI scanner	Magnetom Avanto	https://www.siemens-healthineers.com/en-us/magnetic-resonance-imaging/0-35-to-1-5t-mri-scanner/magnetom-avanto	Other brands: Discovery 750, HDXT Signa scanners, GE Healthcare, , Aera and Skyra, Siemens, Erlangen, and Germany
Radiologic technologist	Local Health System	N/A	
Radiologist	Local Health System	N/A	
Standard MRI hardware and software	NUMARIS	Version 4	

Support pads and pillows	Medline	www.medline.com	Alternative: Quality electrodynamics
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