

Materials List for:

Comprehensive Endovascular and Open Surgical Management of Cerebral Arteriovenous Malformations

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Materials

Name	Company	Catalog Number	Comments
Chloraprep Sterilization Solution	BD, Franklin Lakes, NJ	260815	For skin sterilization
Lidocaine Hcl 1%	ACE Surgical Supply, Inc, Brockton, MA	001-1421	For local anesthetic
Micropuncture Groin Access Kit	Cook Medical, Bloomington, IN	G56202	Used for femoral artery access
0.035 Guidewire	Terumo Medical, Somerset, NJ	GR3506	Used in conjunction with diagnostic catheters for cerebral angiography
Cerebral Angiography Diagnostic Catheters	Terumo Medical, Somerset, NJ	CG416	Used in conjunction with guidewire for cerebral angiography
Omnipaque Contrast Agent	GE Healthcare, Chicago, IL	Q9965	Contrast agent for cerebral vessel imaging
Microcatheter and Microwire	Covidian, Plymouth, MN	105-5091-150, 103-0608	Used for distal arterial catheterization
Onyx Liquid Embolic	Covidian, Plymouth, MN	105-7100-060	Used for AVM embolization
Angio-Seal Vascular Closure Device	St. Jude Medical, St Paul, MN	610130	Used for femoral artery closure following angiography/intra-arterial embolization
Midas Rex High Power Drill System	Medtronic, Minneapolis, MN	PM700	Used for craniotomy
Matchstick Drill Bit	Medtronic, Minneapolis, MN	10MH30-MN	Used to create burr hole for craniotomy
Tapered Drill Bit	Medtronic, Minneapolis, MN	F1/8TA15	Used to complete craniotomy
#11 and 15 Blade Surgical Scalpels	BD Bard-Parker, Franklin Lakes, NJ	372615	Used for groin incision for angiography and dural opening for external ventricular drain placement or AVM resection
Metzenbaum Dissecting Scissors	Stoelting Co, Wood Dale, IL	52134-01P	Used for dural opening
Bone Elevator	Stoelting Co, Wood Dale, IL	52169	Used for separating dura from the inner skull
Gerald Forceps	Stoelting Co, Wood Dale, IL	52106-52	Used for dural opening and manipulation
Microsurgical Instruments	Accurate Surgical & Scientific Instruments Corporation, Westbury, NY	ASSI.BML1	Used for AVM microsurgical resection
Bipolar Forceps	Accurate Surgical & Scientific Instruments Corporation, Westbury, NY	ASSI.BPNS20423FP	Used for AVM microsurgical resection
Electrosurgery Generator	Bovie Medical Products, Clearwater, FL	IDS-200	Used for electrosurgical cutting/coagulation
Small Aneurysm Clips	Codman Neuro, Raynham, MA	20-1801	Used for occlusion of arterial AVM feeders not amenable to coagulation

Brain Retractors	Medicon, Tuttlingen, Germany	22.00.06	For brain retraction for deep AVM dissection/resection
Variable Action Suction tip	Millennium Surgical, Narberth, PA	6-8607	For suction with AVM dissection/resection
Fibrillar Absorbable Hemostatic Agent	Ethicon, Somerville, NJ	63713-0019-61	For hemostatis within surgical cavity
4-0 Suture	Ethicon, Somerville, NJ	C554D	For dural closure
2-0 Absorbable Suture	Ethicon, Somerville, NJ	J286G	For deep tissue closure
3-0 Nylon Suture	Ethicon, Somerville, NJ	ET-663G	For skin closure
Surgical Staples	Medline, Mundelein, IL	STAPLER35RB	For skin closure
Bone Plating System	Biomet, Warsaw, IN	15-7378-12	For bone flap securement
Operating Microscope	Leica Microsystems, Buffalo Grove, IL	M720 OH5	Used for AVM microsurgical resection
BrainLab Neuronavigation Imaging System	Brainlab, Inc, Chicago, IL	Brainlab Curve	Used for AVM microsurgical resection
Lumbar External Drainage System	Codman Neuro, Raynham, MA	K964923	Used for placement of lumbar drain for CSF drainage
External Ventricular Drainage Catheter	Medtronic, Minneapolis, MN		Used for placement of ventricular catheter for CSF drainage
Disposable Raney Scalp Clips	A&E Medical Corporation, Farmingdale, NJ	070-001	Used for scalp hemostasis