2500 North State Street, Jackson MS 39216

### **NEUROLOGICAL SURGERY CLINICAL PRIVILEGES**

Na	me:	Page 1
	Initial Appointment Reappointment	
All new applicants must meet the following requirements as approved by the governing body effective: 01/06/2016		

Applicant: Check off the "Requested" box for each privilege requested. Applicants have the burden of producing information deemed adequate by the Hospital for a proper evaluation of current competence, current clinical activity, and other qualifications and for resolving any doubts related to qualifications for requested privileges.

Department Chair. Check the appropriate box for recommendation on the last page of this form. If recommended with conditions or not recommended, provide condition or explanation on the last page of this form.

#### Other Requirements

- Note that privileges granted may only be exercised at the site(s) and/or setting(s) that have the appropriate equipment, license, beds, staff and other support required to provide the services defined in this document. Site-specific services may be defined in hospital and/or department policy.
- This document is focused on defining qualifications related to competency to exercise clinical privileges. The applicant must also adhere to any additional governance (MS Bylaws, Rules and Regulations) organizational, regulatory, or accreditation requirements that the organization is obligated to meet.

#### **QUALIFICATIONS FOR NEUROLOGICAL SURGERY**

To be eligible to apply for core privileges in neurological surgery, the initial applicant must meet the following criteria:

Current specialty certification in neurological surgery by the American Board of Neurological Surgery or the American Osteopathic Board of Surgery.

OR

Successful completion of an Accreditation Council for Graduate Medical Education (ACGME) or American Osteopathic Association (AOA) accredited residency in neurological surgery and active participation in the examination process with achievement of certification within 5 years of completion of formal training leading the specialty certification in neurological surgery by the American Board of Neurological Surgery or the American Osteopathic Board of Surgery.

Required Previous Experience: Applicants for initial appointment must be able to demonstrate performance of a sufficient volume of neurological surgical procedures, reflective of the scope of privileges requested, in the past 24 months or demonstrate successful completion of an ACGME or AOA accredited residency, clinical fellowship, or research in a clinical setting within the past 12 months.

Reappointment Requirements: To be eligible to renew core privileges in neurological surgery, the applicant must meet the following maintenance of privilege criteria:

Current demonstrated competence and a sufficient volume of experience (neurological surgical procedures) with acceptable results, reflective of the scope of privileges requested, for the past 24 months based on results of ongoing professional practice evaluation and outcomes. Evidence of current ability to perform privileges requested is required of all applicants for renewal of privileges. Medical Staff

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members whose board certificates in neurological surgery bear an expiration complete recertification no later than three (3) years following such date. For a board requires maintenance of certification in lieu of renewal, maintenance of must be met, with a lapse in continuous maintenance of no greater than three	nembers whose certifying certification requirements
CORE PRIVILEGES	
NEUROLOGICAL SURGERY CORE PRIVILEGES	

☐ Requested Admit, evaluate, diagnose, consult and provide non-operative and pre-, intra-and postoperative care to patients of all ages presenting with injuries or disorders of the central, peripheral and autonomic nervous system, including their supporting structures and vascular supply; the evaluation and treatment of pathological processes which modify function or activity of the nervous system, including the hypophysis; and the operative and non-operative management of pain. These privileges include but are not limited to care of patients with disorders of the nervous system: the brain, meninges, skull, and their blood supply, including the extracranial carotid and vertebral arteries; disorders of the pituitary gland; disorders of the spinal cord, meninges, and vertebral column, and disorders of the cranial and spinal nerves throughout their distribution. May provide care to patients in the intensive care setting in conformance with unit policies. Assess, stabilize, and determine disposition of patients with emergent conditions consistent with medical staff policy regarding emergency and consultative call services. The core privileges in this specialty include the procedures on the attached procedure list.

#### QUALIFICATIONS FOR ENDOVASCULAR SURGICAL NEURORADIOLOGY

To be eligible to apply for core privileges in endovascular surgical neuroradiology, the initial applicant must meet the following criteria:

As for neurological surgery plus successful completion of a one year fellowship in endovascular surgical neuroradiology and prior experience in catheter techniques, and diagnostic angiography, either during residency training or during fellowship training.

Required Previous Experience: Applicants for initial appointment must be able to demonstrate provision of endovascular surgical neuroradiology treatment, reflective of the scope of privileges requested, to a sufficient volume of patients in the past 24 months or demonstrate successful completion of an ACGME or AOA accredited residency, clinical fellowship, or research in a clinical setting within the past 12 months.

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### **NEUROLOGICAL SURGERY CLINICAL PRIVILEGES**

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	t Requirements: To be eligible to renew core privileges in endovascular surgical the applicant must meet the following maintenance of privilege criteria:			
reflective of the professional pra requested is req certificates bear following such d renewal, mainte	Current demonstrated competence and a sufficient volume of experience, with acceptable results, reflective of the scope of privileges requested, for the past 24 months based on results of ongoing professional practice evaluation and outcomes. Evidence of current ability to perform privileges requested is required of all applicants for renewal of privileges. Medical Staff members whose board certificates bear an expiration date shall successfully complete recertification no later than three (3) years following such date. For members whose certifying board requires maintenance of certification in lieu of renewal, maintenance of certification requirements must be met, with a lapse in continuous maintenance of no greater than three (3) years.			
CORE PRIVILEGE	s			
ENDOVASCULAR	SURGICAL NEURORADIOLOGY CORE PRIVILEGES			
□ Requested	Diagnose and treat patients of all ages with diseases of the central nervous system by use of catheter technology, radiologic imaging, and clinical expertise. Participate in short-term and long-term postprocedure follow-up care, including neurointensive care. May provide care to patients in the intensive care setting in conformance with unit policies. Assess, stabilize, and determine disposition of patients with emergent conditions consistent with medical staff policy regarding emergency and consultative call services. The core privileges in this specialty include the procedures on the attached procedure list.			
SPECIAL NON-CO	DRE PRIVILEGES (SEE SPECIFIC CRITERIA)			
If desired, Non-Core Privileges are requested individually in addition to requesting the Core. Each individual requesting Non-Core Privileges must meet the specific threshold criteria governing the exercise of the privilege requested including training, required previous experience, and for maintenance of clinical competence.				
DEEP BRAIN STIM	ULATION (DBS)			
□ Requested				
<i>Criteria</i> : Successful completion of an ACGME or AOA accredited training program in neurological surgery. If the program did not include stereotactic surgery, applicants must show that they have completed stereotactic surgery training. In addition, applicants must have completed training in DBS, which included proctoring by an industry (e.g. Medtronic) technical representative or by an experienced				

DBS surgeon. **Required Previous Experience**: Demonstrated current competence and evidence of the performance of a sufficient volume of DBS procedures in the past 24 months. **Maintenance of Privilege**: Demonstrated current competence and evidence of the performance of a sufficient volume of DBS procedures in the past 24 months based on ongoing professional practice evaluation and outcomes.

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USI	OF LASE	R
	Reques	ted
	Criteria	
	1)	Completion of an acceptable laser safety course provided by the UMMC Laser Safety Officer AND
	2)	Successful completion of an approved residency in a specialty or subspecialty which included training in lasers  OR
		Successful completion of a hands-on CME course which included training in laser principles and observation and hands-on experience with lasers

3) Practitioner agrees to limit practice to only the specific laser types for which they have documentation of training and/or experience

Evidence of sufficient volume of procedures performed utilizing lasers (with acceptable

#### Maintenance of Privilege:

AND

outcomes) within the past 24 months

A practitioner must document that procedures have been performed over the past 24 months utilizing lasers (with acceptable outcomes) in order to maintain active privileges for laser use. In addition, completion of a laser safety refresher course provided by the Laser Safety Officer is required for maintenance of the privilege. Practitioner agrees to limit practice to only the specific laser types for which they have documentation of training and/or experience.

#### TRANSCRANIAL DOPPLER ULTRASONOGRAPHY

#### □ Requested

Criteria: Successful completion of one of the following training tracks: 1) an ACGME OR AOA accredited residency or fellowship program in which included supervised training in TCD performance/interpretation and experience in interpreting a sufficient volume of studies while under supervision or 2) an ACGME-approved CME program that included supervised training in TCD performance /interpretation and experience in interpreting a sufficient volume of cases while under the supervision of a physician , or 3) 3 years of practice experience which included the performance/interpretation of a sufficient volume of TCD studies. Required Previous Experience: Demonstrated current competence and evidence of the performance and/or interpretation of a sufficient volume of TCD studies in the past 24 months.

Maintenance of Privilege: Demonstrated current competence and evidence of the performance and/or interpretation of a sufficient volume of TCD studies in the past 24 months based on results of ongoing professional practice evaluation and outcomes. In addition, a minimum of 15 hours of CME in vascular laboratory testing is required every three years, of which at least 10 hours are Category I.

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ame: Pag	je 5
RTIFICIAL DISC REPLACEMENT (ADR)	
Requested	
criteria: Successful completion of an ACGME or AOA accredited residency training program in rethopedic surgery or neurological surgery and completion of an approved training program in the sertion of artificial discs. <i>Required Previous Experience</i> : Demonstrated current competence and vidence of the performance of a sufficient volume of ADR surgery procedures in the past 12 months. <i>Italiantenance of Privilege</i> : Demonstrated current competence and evidence of the performance of a sufficient volume of ADR surgery procedures in the past 24 months based on results of ongoing refessional practice evaluation and outcomes.	
TEREOTACTIC RADIOSURGERY	
Requested criteria: Successful completion of an Accreditation Council for Graduate Medical Education (ACGME) merican Osteopathic Association (AOA) accredited residency in neurological surgery that included aining in Stereotactic Radiosurgery (SRS) or completion of an approved training program in adiosurgery. If training in SRS was not obtained during residency, the applicant must present evidence quivalent training. Applicant must demonstrate training and experience with the specific delivery system be used. Required Previous Experience: Demonstrated current competence and evidence of the performance of a sufficient volume of radiosurgery procedures in the past 12 months. Maintenance of crivilege: Demonstrated current competence and evidence of the performance of a sufficient volume of radiosurgery procedures in the past 24 months based on results of ongoing professional practice valuation and outcomes.	e of em of
AROTID ENDARTERECTOMY (CE)	
l Requested	
<b>Criteria</b> : Successful completion of an ACGME or AOA accredited post graduate training program that cluded training in CE procedures. If the program did not include CE procedures, applicant must have empleted an approved hands-on training program under the supervision of a qualified surgeon structor. <b>Required Previous Experience</b> : Demonstrated current competence and evidence of the erformance of a sufficient volume of CE procedures in the past 24 months. <b>Maintenance of Privilege</b> emonstrated current competence and evidence of the performance of a sufficient volume of CE procedures in the past 24 months based on ongoing professional practice evaluation and outcomes.	
AROTID STENTING	
l Poguated	

#### □ Requested

*Criteria:* The applicant must have concurrent UHHS privileges to perform coronary, peripheral or neurological diagnostic angiography and percutaneous interventions in order to qualify for carotid artery angioplasty and stent placement. *Board certification:* The applicant must be currently certified or eligible for certification by one of the following boards:

- American Board of Radiology with certificate of added qualification in Interventional Radiology or Neuroradiology
- American Board of Surgery in Vascular Surgery

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### **NEUROLOGICAL SURGERY CLINICAL PRIVILEGES**

Name:	Page
•	American Board of Internal Medicine in Vascular Medicine or Cardiovascular Medicine with additional training in interventional procedures  American Board of Neurosurgery with additional training in percutaneous vascular neurointerventional procedures  American Board of Psychiatry and Neurology with additional training in endovascular procedures
carotid/cerebra (13 as the primprogram or from site of the previperformance ar primary operator <i>Privilege:</i> Applicarotid intervent preceding 24 mbasis for provided	vious Experience: Evidence of prior performance and interpretation of at least 30 selective and diagnostic angiograms (15 as the primary operator) and 25 selective carotid interventions ary operator). This requirement may be met within a formal ACGME-approved training in previous clinical training and experience. Verification from the training institution or the ious experience may be required OR direct supervision by a credentialed provider of the ind interpretation of at least 30 selective carotid/cerebral diagnostic angiograms (15 as the or) and 25 selective carotid interventions (13 as the primary operator). <i>Maintenance of</i> licants must be able to provide evidence of performance of a sufficient number of cases of intions within the past 24 months. The recommended number of procedures for the nonth period is 4. Reappointment for these privileges will be considered on a case by case ders who routinely care for carotid disease and who have sufficient experience in catheterres. In addition, the applicant must be able to produce evidence of 8 hours of continuing tion in stroke and/or cerebrovascular vascular disease within the past 24 months if
FLUOROSCOPY U	JSE
□ Requested	j
Board of Ra OR Successful Graduate N 6 months o completion radiation sa written exa OR Participatio of a qualifie	ard certification in Radiology, Diagnostic Radiology or Radiation Oncology by the American adiology or the American Osteopathic Board of Radiology  completion of a residency/fellowship program approved by the Accreditation Council for Medical Education (ACGME) or the American Osteopathic Association (AOA) that included of training in fluoroscopic imaging procedures and documentation of the successful of didactic course lectures and laboratory instruction in radiation physics, radiobiology, afety, and radiation management applicable to the use of fluoroscopy, including passing a mination in these areas.  On in a preceptorship that requires at least 10 procedures be performed under the direction and physician who has met these standards and who certifies that the trainee meets the upplicable to physicians whose residency/fellowship did not
include rad <b>OR</b> ☐ Good faith	estimate of volume of procedures performed utilizing fluoroscopy in the last 24 months.

Percentage of cases with fluoroscopic time >120 minutes, dose > 3 Gy, or equivalent:\_\_

AND (all applicants)

Number of procedures performed in the last 24 months:\_

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☐ Successful c	ompletion of a fluoroscopy safety course provided by the UMMC Radiation Safety Officer
oast 24 months υ use. In addition, ο	f <b>Privilege:</b> A practitioner must document that procedures have been performed over the utilizing fluoroscopy (with acceptable outcomes) in order to maintain active privileges for completion of a fluoroscopy safety refresher course provided by the Radiation Safety d for maintenance of the privilege.
RADIOLOGY CH	IAIR APPROVAL:
	the above requested privileges and I attest that this practitioner is competent to perform quested based on the information provided.
Signature, Chair-	—Department of Radiology
ADMINISTRATION (	OF SEDATION AND ANALGESIA
□ Requested	See Hospital Policy for Procedural Sedation by Non-Anesthesiologists for additional information.
	Section OneINITIAL REQUESTS ONLY:  ☐ Completion of residency or fellowship in anesthesiology, emergency medicine or critical care -OR-
	□ Completion of residency or fellowship within the past year in a clinical subspecialty that provides training in procedural sedation training <b>-OR-</b>
	□ Demonstration of prior clinical privileges to perform procedural sedation along with a good-faith estimate of at least 20 such sedations performed during the previous year (the estimate should include information about each type of procedure where sedation was administered with a list of any adverse events related to the sedation during those cases, including causal analysis, treatment, and outcome:
	<ul> <li>OR-</li> <li>Successful completion (within six months of application for privileges) of a UMHC-approved procedural sedation training and examination course that includes practical training and examination under simulation conditions.</li> </ul>
	Section TwoINITIAL AND RE-PRIVILEGING REQUESTS:  ☐ Successful completion of the UMHC web based Procedural Sedation Course/Exam initially and at least once every two years -AND-

Provision of a good-faith estimate of the number of instances of each type of procedure where sedation is administered with a list of any adverse events related to the sedation during those cases, including causal analysis, treatment, and outcome:

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۱a	me:	Page 8
		-AND-
		□ ACLS, PALS and/or NRP, as appropriate to the patient population. (Current)
		-OR-
		☐ Maintenance of board certification or eligibility in anesthesiology, emergency medicine, pediatric emergency medicine, cardiovascular disease, advanced heart failure and transplant cardiology, clinical cardiac electrophysiology, interventional cardiology, pediatric cardiology, critical care medicine, surgical critical care, neurocritical care or pediatric critical care, as well as active clinical practice in the provision of procedural sedation.
		Section ThreePRIVILEGES FOR DEEP SEDATION:  ☐ I am requesting privileges to administer/manage deep sedation as part of these procedural sedation privileges.  Deep Sedation/Anesthetic Agents used:
		APPLICABLE TO REQUESTS FOR DEEP SEDATION ONLY: I have reviewed and approve the above requested privileges based on the provider's critical care, emergency medicine or anesthesia training and/or background.
		Signature of Anesthesiology Chair Date
JL.	TRASOUND-GUIL	DED CENTRAL LINE INSERTION
]	Requested	See Medical Staff Policy for Ultrasound-Guided Central Line Insertion for additional information. Initial Privileging:

As for core privileges plus:

- Completion of a UMMC ultrasound-guided central line insertion Healthstream learning module; and
- Completion of ultrasound-guided central line insertion simulation training in the UMMC Simulation and Interprofessional Education Center; and

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 Focused professional practice evaluation to include proctoring of the ultrasound-guided insertion of at least 5 central lines (femoral or internal jugular) within the first 6 months of appointment

#### Reprivileging:

As for core privileges plus:

- Completion of a UMMC ultrasound-guided central line insertion Healthstream learning module; and
- Performance of at least 10 ultrasound-guided central line insertions in the past 24 months;

If volume requirements are not met, the following may substitute:

- Completion of ultrasound-guided central line insertion simulation training in the UMMC Simulation and Interprofessional Education Center; and
- Focused professional practice evaluation to include proctoring of the ultrasound-guided insertion of at least 5 central lines (femoral or internal jugular) within the first 6 months of re-appointment

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### **NEUROLOGICAL SURGERY CLINICAL PRIVILEGES**

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#### **CORE PROCEDURE LIST**

**To the applicant:** If you wish to exclude any procedures, please strike through those procedures which you do not wish to request, initial, and date.

#### **Neurological Surgery**

- · Ablative surgery for epilepsy
- All types of craniotomies, craniectomies and reconstructive procedures (including microscopic) on the skull, including surgery on the brain, meninges, pituitary gland, cranial nerves and including surgery for cranial trauma and intracranial vascular lesions
- All spinal procedures for decompression, arthrodesis and stabilization for all conditions affecting the spine, including, but not limited to trauma, tumors, degenerative disorders, hemorrhage, vascular malformations and congenital deformities.
- Angiography
- Cordotomy, rhizotomy and dorsal column stimulators for the relief of pain
- Endoscopic minimally invasive surgery
- Epidural steroid injections for pain
- Insertion and management of programmable infusion pump
- Insertion and management of programmable shunt
- Insertion of subarachnoid or epidural catheter with reservoir or pump for drug infusion or CSF withdrawal
- Laminectomies, laminotomies, and fixation and reconstructive procedures of the spine and its contents including instrumentation
- Lumbar puncture, cisternal puncture, ventricular tap, subdural tap
- Lumbar subarachnoid-peritoneal shunt
- Management of congenital anomalies, such as encephalocele, meningocele, myelomeningocele
- Muscle biopsy
- Myelography
- Nerve biopsy
- Nerve blocks
- Ordering of diagnostic studies and procedures related to neurological problems or disorders
- Peripheral nerve procedures, including decompressive procedures and reconstructive procedures on the peripheral nerves
- Order respiratory services
- Order rehab services
- Perform history and physical exam
- Perform waived laboratory testing not requiring an instrument, including but not limited to fecal occult blood, urine dipstick, and vaginal pH by paper methods
- Posterior fossa-microvascular decompression procedures
- Radiofrequency ablation
- Selective blocks for Pain Medicine, stellate ganglion blocks
- Shunts: ventriculoperitoneal, ventriculoatrial, ventriculopleural, subdural peritoneal, lumbar subarachnoid/peritoneal (or other cavity)

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### **NEUROLOGICAL SURGERY CLINICAL PRIVILEGES**

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- Stereotactic surgery
- Surgery for intervertebral disc disease
- Surgery on the sympathetic nervous system
- Transsphenoidal procedures for lesions of the sellar or parasellar region, fluid leak or fracture
- Ultrasonic surgery procedures
- Ventricular shunt operation for hydrocephalus, revision of shunt operation, ventriculocisternostomy
- Ventriculography

#### **Endovascular Surgical Neuroradiology**

- Integrating endovascular surgical therapy into the clinical management of patients with neurological diseases (or diseases of the central nervous system) when performing diagnostic and therapeutic procedures
- Interpreting preliminary diagnostic studies
- Order respiratory services
- Order rehab services
- Perform history and physical exam
- Perform waived laboratory testing not requiring an instrument, including but not limited to fecal occult blood, urine dipstick, and vaginal pH by paper methods
- Performing clinical preprocedure evaluations of patients
- Transcatheter occlusion or embolization (eg, for tumor destruction, to achieve hemostasis, to occlude a vascular malformation), percutaneous, any method; central nervous system (intracranial, spinal cord); coil occlusion of aneurysm
- Mechanical retriever

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Na	me:	Page 12	
AC	KNOWLEDGEMENT OF PRACTITIONER		
dei	monstrated performance I am qualified to p	perform and for which I wish to exercise at University ississippi Medical Center, and I understand that:	
a.	. In exercising any clinical privileges granted, I am constrained by Hospital and Medical Staff policies and rules applicable generally and any applicable to the particular situation.		
b.	Any restriction on the clinical privileges granted to me is waived in an emergency situation and in such situation my actions are governed by the applicable section of the Medical Staff Bylaws or related documents.		
Sig	gned	Date	
TR	AUMA DIRECTOR'S RECOMMENDATION (AS APP	PLICABLE)	
ap <sub>l</sub> pe≀ rec □	plicant. To the best of my knowledge, th		
<b>Pri</b> 1.	ivilege	Condition/Modification/Explanation	
·· 2.			
3.			
4.			
NO	tes		
Tra	auma Director's Signature	Date	

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### **NEUROLOGICAL SURGERY CLINICAL PRIVILEGES**

Name:	Page 13
DIVISION CHIEF'S RECOMMENDATION (AS APPL	LICABLE)
I have reviewed the requested clinical p applicant. To the best of my knowledge,	rivileges and supporting documentation for the above-named this practitioner's health status is such that he/she may fully for which he/she is being recommended. I make the following and conditions/modifications:
Privilege	Condition/Modification/Explanation
1.	
<ol> <li></li></ol>	
3 4.	
Notes	
Division Chief Signature	Date
DEPARTMENT CHAIR'S RECOMMENDATION	
applicant. To the best of my knowledge,	
Privilege	Condition/Modification/Explanation
1.	<del></del> ·-
<ol> <li></li></ol>	
4.	
Notes	
Department Chair Signature	Date
Reviewed:	

Revised:

 $2/3/2010,\ 5/5/2010,\ 6/2/2010,\ 10/5/2011,\ 11/2/2011,\ 12/16/2011,\ 6/6/2012,\ 4/3/2013,\ 4/1/2015,\ 8/05/2015,\ 11/04/2015,\ 8/05/2015,\ 01/06/2016$