

# Robert E. Tibbs, Jr., MD

*Curriculum Vitae*

Neuroscience Specialists, P.C. · 14100 Parkway Commons Drive, Suite 100 · Oklahoma City, OK 73134

(405) 748-3300

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## EDUCATION

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<b>Auburn University, Auburn, Alabama</b>	1985–1989
Bachelor of Science	
<b>University of Alabama School of Medicine, Birmingham, Alabama</b>	1989–1993
Doctor of Medicine	

## INTERNSHIP

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<b>Mayo Graduate School of Medicine, Mayo Clinic, Rochester, Minnesota</b>	1993–1994
General Surgery	

## RESIDENCY

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<b>University of Mississippi Medical Center, Jackson, Mississippi</b>	1994–1995
General Surgery	
<b>University of Mississippi Medical Center, Jackson, Mississippi</b>	1996–1999
Neurosurgery	
<b>Veterans Administration Hospital, Jackson, Mississippi</b>	1999–2000
Senior Resident in Neurosurgery	
<b>University of Mississippi Medical Center, Jackson, Mississippi</b>	2000–2001
Chief Resident in Neurosurgery	

## FELLOWSHIP

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<b>University of Mississippi Medical Center, Jackson, Mississippi</b>	1995–1996
Research Fellow in Neurosurgery	
<b>Wake Forest University School of Medicine, Winston-Salem, North Carolina</b>	2002
Spine Fellow, Department of Neurosurgery	

## CERTIFYING BOARD

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American Board of Neurological Surgery	2005
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## LICENSURE

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State of Oklahoma

## PRACTICE

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**Neuroscience Specialists, P.C.** 2001–Present  
14100 Parkway Commons Drive, Suite 100, Oklahoma City, OK 73134  
(405) 748-3300

## FACULTY APPOINTMENTS

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Carotid Endarterectomy — Practical Course, Assistant Faculty. American Academy of Neurological Surgeons, Denver, Colorado. April 1997

Team Approach to the Operative Management of the Spinal Surgery Patient — Basic Spine Course for Operating Room Personnel, Assistant Faculty. AO ASIF, Winston-Salem, North Carolina. May 2002

## PROFESSIONAL MEMBERSHIPS

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National Association of Spine Specialists 1999

North American Spine Society 1999

American Association of Neurological Surgeons — Active Provisional Member 2001

## COURSES

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Midas Rex — Practical Workshop, Fort Worth, Texas September 1996

Review and Update in Neurobiology for Neurosurgeons, Marine Biological Laboratory, Woods Hole, Massachusetts October 1998

Review Course in Neurological Surgery, Rush Review Course, Chicago, Illinois January 1999

SulzerMedica — Sulzer Spine-Tech, Lumbar Interbody Fusion Course, Jackson, Mississippi April 1999

Surgical Dynamics — Ray Threaded Cage, Spinal Interbody Fusion Course, Jackson, Mississippi April 1999

State of the Art with BMP-2, Sofamor Danek, Durham, North Carolina January 2002

## MEETINGS ATTENDED

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Mississippi/Arkansas Joint State Neurological Surgery Society Meeting, Jackson, Mississippi	May 1998
Acute Neuronal Injury, Las Vegas, Nevada	September 1998
Congress of Neurological Surgeons, Boston, Massachusetts	October 1999
Spine + Science + Management, New Orleans, Louisiana	November 1999
American Association of Neurological Surgeons, Toronto, Canada	April 2001
North American Spine Society, Seattle, Washington	October 2001

## **CERTIFICATIONS**

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Advanced Cardiopulmonary Life Support  
 Basic Life Support

## **COMMITTEES**

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AIDS Outreach Program — University of Alabama School of Medicine, Instructor	1989–1990
Department of Neurosurgery, University of Mississippi Medical Center — Clinical Research Coordinator	June–Aug. 1995
THINKFIRST for KIDS, Jackson, Mississippi — Satellite Coordinator	1998–2001
Department of Neurosurgery, University of Mississippi Medical Center — Faculty Staff Retreat, Resident Representative	July 1998
University of Mississippi Medical Center — Resident Council on Graduate Medical Education	July 1999– June 2001
Residency Review Committee for Neurosurgery, The Society of Neurological Surgeons — Resident Representative	March 1999– June 2001
Accreditation Council for Graduate Medical Education — Neurosurgical Resident Representative	March 1999– June 2001
American Medical Association, Resident/Fellow Section — Resident Alternate Delegate, State of Mississippi	November 1999– June 2001
American Board of Medical Specialties/ACGME — Joint Initiative on Resident Evaluation	May 2000– June 2001
Young Neurosurgeons Committee, American Association of Neurological Surgeons	September 2000– present
Council of State Neurosurgical Societies — Oklahoma Delegate	July 2001– present

## **AWARDS AND HONORS**

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1. Second Place, Physicians-In-Training Competition Scientific Paper Recognition. 92nd Annual Scientific Assembly of the Southern Medical Association, New Orleans, Louisiana. November 1998
2. Travel Award from North America. 59th Annual Meeting of the Japan Neurosurgical Society, Fukuoka, Japan. October 2000

3. Basic Science Award. Southern Neurosurgical Society Annual Meeting, Austin, Texas. March 2001

## LECTURES

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1. Endolymphatic sac tumors should be included in the von Hippel-Lindau complex. Neurology/Neurosurgery Grand Rounds, University of Mississippi Medical Center. September 1996
2. Maffucci's Syndrome and Intracranial Chondrosarcoma. Neurology/Neurosurgery Grand Rounds, University of Mississippi Medical Center. February 1997
3. Hydrocephalus — Surgical and Non-surgical options. Pediatric Grand Rounds, University of Mississippi Medical Center. March 1997
4. Infantile spinal dysraphism. Pediatric Grand Rounds, University of Mississippi Medical Center. May 1997
5. Subdural empyema. Neurology/Neurosurgery Grand Rounds, University of Mississippi Medical Center. October 1997
6. Surgical options in the treatment of trigeminal neuralgia. Neurology/Neurosurgery Grand Rounds, University of Mississippi Medical Center. January 1998
7. Hemangioblastoma of the filum terminale. Department of Neurosurgery Research Conference, University of Mississippi Medical Center. August 1998
8. The child as a projectile. Department of Neurosurgery Research Conference, University of Mississippi Medical Center. August 1998
9. Canine double hemorrhage model of cerebral vasospasm. Department of Neurosurgery Research Conference, University of Mississippi Medical Center. September 1998
10. Update on acute neuronal injury. Department of Neurosurgery Research Conference, University of Mississippi Medical Center. October 1998
11. A review of cellular neurotransplantation and neuronal injury. Mississippi Organ Recovery Agency, Inc., Jackson, Mississippi. October 1998
12. Acute neuronal injury and neurotransplantation. Singing River Hospital, Pascagoula, Mississippi. February 1999
13. Brain anatomy and vasculature. Departments of Physical Therapy and Critical Care Nursing Neuroscience Lecture Series, University of Mississippi Medical Center. January 2001
14. Effects of MAPK inhibitors on cerebral vasospasm in a canine double hemorrhage model. Department of Neurosurgery Clinical Studies Conference, University of Mississippi Medical Center. March 2001
15. Management of vertebral compression fractures. Mercy Hospital Continuing Medical Education Luncheon, Oklahoma City, Oklahoma. October 2001
16. Neuroscience update for nurses. Edmond Medical Center, Edmond, Oklahoma. November 2001

## PRESENTATIONS

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1. Tibbs R, Sundermann C. Development of *Caryospora bigenetica* in cultured mammalian cells. Alabama Academy of Sciences 65th Annual Meeting, Auburn, Alabama. March 1987
2. Tibbs R, Ketchum K. Creatinine kinase isoenzymes and isoforms as serum markers of cardiac transplant rejection. Medical Student Research Day, University of Alabama School of Medicine, Birmingham, Alabama. September 1990

3. Tibbs R, Bowles A, Raila F. Should endolymphatic sac tumors be considered part of the von Hippel-Lindau complex? Joint Louisiana and Mississippi Neurosurgical Society Meeting, Jackson, Mississippi. March 1996
4. Tibbs R, Bowles A, Raila F. Should endolymphatic sac tumors be considered part of the von Hippel-Lindau complex? Society of University Neurosurgeons 32nd Annual Meeting, Marina del Rey, California. March 1996
5. Tibbs R, Bowles A, Raila F. Should endolymphatic sac tumors be considered part of the von Hippel-Lindau complex? Southern Neurosurgical Society Annual Meeting, Miami, Florida. March 1996
6. Tibbs R, Bowles A, Raila F. Should endolymphatic sac tumors be considered part of the von Hippel-Lindau complex? School of Health Related Professions Student Research Day, Jackson, Mississippi. (Poster) May 1996
7. Tibbs R, Bowles A, Raila F. Should endolymphatic sac tumors be considered part of the von Hippel-Lindau complex? British Neurosurgical Research Group/Research Society of Neurosurgical Surgeons, Newcastle-upon-Tyne, United Kingdom. May 1996
8. Tibbs R, Bowles A, Raila F. Should endolymphatic sac tumors be considered part of the von Hippel-Lindau complex? Second International Skull Base Congress, San Diego, California. (Poster) June 1996
9. Tibbs R, Bowles A, Raila F. Maffucci's Syndrome and intracranial chondrosarcoma. Second International Skull Base Congress, San Diego, California. (Poster) June 1996
10. Tibbs R, Bowles A, Raila F. Maffucci's Syndrome and intracranial chondrosarcoma. Joint Louisiana and Mississippi Neurosurgical Society Meeting, New Orleans, Louisiana. January 1997
11. Tibbs R, Bowles A, Raila F. Should endolymphatic sac tumors be considered part of the von Hippel-Lindau complex? North American Skull Base Society 8th Annual Meeting/2nd International Congress on Meningiomas and Cerebral Venous System, Little Rock, Arkansas. March 1997
12. Tibbs R, Bowles A, Raila F. Maffucci's Syndrome and intracranial chondrosarcoma. North American Skull Base Society 8th Annual Meeting/2nd International Congress on Meningiomas and Cerebral Venous System, Little Rock, Arkansas. (Poster) March 1997
13. Lancon J, Killough K, Tibbs R, Lewis A, Parent A. Spontaneous dural sinus thrombosis: Report of 12 pediatric cases. AANS/CNS Section on Cerebrovascular Surgery Annual Meeting, Lake Buena Vista, Florida. (Poster) February 1998
14. Bowles A, Tibbs R. Unusual skull base tumors. Ninth Annual Meeting of the North American Skull Base Society combined with the 1998 Joint Meeting of the Japanese Society for Skull Base Surgery, Korean Skull Base Society, North American Skull Base Society, Kamuela, Hawaii. February 1998
15. Hopkins T, Parent A, Lancon J, Tibbs R, Kovacs K. Massive nodular thyrotrope hyperplasia in a young female. 2nd International Symposium on New Horizons in Pediatric Neurosurgery/Neurology, Jerusalem, Israel. (Poster) February 1998
16. Lancon J, Killough K, Tibbs R, Lewis A, Parent A. The management of spontaneous dural sinus thrombosis. Joint Meeting of the Mississippi and Arkansas Neurosurgical Societies, Jackson, Mississippi. May 1998
17. Lancon J, Killough K, Tibbs R, Lewis A, Parent A. Spontaneous dural sinus thrombosis: Report of 12 pediatric cases. Southern Neurosurgical Society Annual Meeting, Hot Springs, Virginia. June 1998
18. Tibbs R, Lewis A. Sick cell anemia and Moyamoya syndrome treated with encephaloduroarteriosynangiosis. Southern Neurosurgical Society Annual Meeting, Hot Springs, Virginia. June 1998

19. Lancon J, Killough K, Tibbs R, Lewis A, Parent A. Spontaneous dural sinus thrombosis: Report of 12 pediatric cases. International Society for Pediatric Neurosurgery, Melbourne, Australia. (Poster) September 1998
20. Tibbs R, Lewis A. Sickle cell anemia and Moyamoya syndrome treated with encephaloduroarteriosynangiosis. International Society for Pediatric Neurosurgery, Melbourne, Australia. (Poster) September 1998
21. Lancon J, Killough K, Tibbs R, Lewis A, Parent A. Spontaneous dural sinus thrombosis in children. Congress of Neurological Surgeons, Cerebrovascular Section, Seattle, Washington. (Poster) October 1998
22. Tibbs R, Lewis A, Parent A. Sickle cell anemia and Moyamoya syndrome treated with encephaloduroarteriosynangiosis. European Society of Pediatric Neurosurgery, Marseille, France. November 1998
23. Tibbs R, Killough K, Lancon J, Lewis A, Parent A. The occurrence of congenital pediatric cerebral aneurysms. European Society of Pediatric Neurosurgery, Marseille, France. November 1998
24. Lancon J, Killough K, Tibbs R, Lewis A, Parent A. Spontaneous dural sinus thrombosis: Report of 12 pediatric cases. 92nd Annual Scientific Assembly of the Southern Medical Association, New Orleans, Louisiana. (Poster) November 1998
25. Tibbs R, Lewis A. Sickle cell anemia and Moyamoya syndrome treated with encephaloduroarteriosynangiosis. 92nd Annual Scientific Assembly of the Southern Medical Association, New Orleans, Louisiana. (Poster) November 1998
26. Tibbs R, Bowles A, Raila F. Maffucci's Syndrome and intracranial chondrosarcoma. 92nd Annual Scientific Assembly of the Southern Medical Association, New Orleans, Louisiana. (Poster) November 1998
27. Tibbs R, Killough K, Lancon J, Lewis A, Parent A. The occurrence of congenital pediatric cerebral aneurysms. 92nd Annual Scientific Assembly of the Southern Medical Association, New Orleans, Louisiana. November 1998
28. Tibbs R, Bowles A, Raila F. Should endolymphatic sac tumors be considered part of the von Hippel-Lindau complex? 92nd Annual Scientific Assembly of the Southern Medical Association, New Orleans, Louisiana. November 1998
29. Tibbs R, Killough K, Lancon J, Lewis A, Parent A. The occurrence of congenital pediatric cerebral aneurysms. AANS/CNS Section on Pediatric Neurosurgery, Indianapolis, Indiana. (Poster) December 1998
30. Tibbs R, Lewis A, Parent A. Sickle cell anemia and Moyamoya syndrome treated with encephaloduroarteriosynangiosis. AANS/CNS Section on Pediatric Neurosurgery, Indianapolis, Indiana. (Poster) December 1998
31. Tibbs R, Lewis A, Parent A. Moyamoya syndrome secondary to sickle cell anemia treated with encephaloduroarteriosynangiosis. First South Asian Neurosurgical Congress, Kathmandu, Nepal. March 1999
32. Tibbs R, Zubkov A, Ogihara K, Aoki K, Badr A, Parent A, Zhang J. Apoptosis in a dog model of cerebral vasospasm. Joint Meeting of the AANS/CNS Section on Cerebrovascular Surgery and American Society of Interventional and Therapeutic Neuroradiology, New Orleans, Louisiana. (Poster) February 2000
33. Tibbs R, Aoki K, Meguro T, Zubkov A, Badr A, Parent A, Zhang J. MAP kinase inhibitor attenuates cerebral vasospasm in a canine double hemorrhage model. 25th International Stroke Conference, New Orleans, Louisiana. (Poster) February 2000

34. Tibbs R, Parent A, Zhang J. Bilirubin produces apoptosis in cultured bovine endothelial cells. American Association of Neurological Surgeons, San Francisco, California. (Poster) March 2000
35. Zubkov A, Tibbs R, Ogihara K, Aoki K, Badr A, Parent A, Zhang J. Morphological changes in penetrating arteries during cerebral vasospasm in a dog double hemorrhage model. American Association of Neurological Surgeons, San Francisco, California. (Poster) March 2000
36. Tibbs R, Zubkov A, Parent A, Zhang J. Apoptosis in basilar endothelial cells in a canine double hemorrhage model. 7th International Conference on Cerebral Vasospasm, Interlaken, Switzerland. June 2000
37. Tibbs R, Aoki K, Meguro T, Zubkov A, Badr A, Parent A, Zhang J. MAP kinase inhibitor PD96059 attenuates cerebral vasospasm in a canine double hemorrhage model. 7th International Conference on Cerebral Vasospasm, Interlaken, Switzerland. June 2000
38. Tibbs R, Zhang J. Bilirubin produces apoptosis in cultured endothelial bovine endothelial cells. 7th International Conference on Cerebral Vasospasm, Interlaken, Switzerland. (Poster) June 2000
39. Tibbs R, Yin W, Aoki K, Badr A, Zhang J. Metabolic alterations in cerebrospinal fluid from a dog double hemorrhage model. International Symposium on Intracranial Pressure and Brain Monitoring (ICP2000), Cambridge, United Kingdom. (Poster) July 2000
40. Yin W, Tibbs R, Tang J, Badr A, Zhang J. Oxyhemoglobin and ATP levels in cerebrospinal fluid from a dog model of vasospasm. International Symposium on Intracranial Pressure and Brain Monitoring (ICP2000), Cambridge, United Kingdom. (Poster) July 2000
41. Zhang J, Zubkov A, Aoki K, Tibbs R, Meguro T, Parent A. Vasospasm and apoptosis in penetrating arteries in a dog vasospasm model. 8th International Symposium on Pharmacology of Cerebral Ischemia, Marburg, Germany. July 2000
42. Tibbs R, Yin W, Tang J, Badr A, Zhang J. Metabolic alterations in CSF from a dog model of vasospasm. 59th Annual Meeting of the Japan Neurosurgical Society, Fukuoka, Japan. (Poster) October 2000
43. Tibbs R, Aoki K, Meguro T, Zubkov A, Badr A, Parent A, Zhang J. Effects of MAPK inhibitors on cerebral vasospasm in a dog double hemorrhage model. 59th Annual Meeting of the Japan Neurosurgical Society, Fukuoka, Japan. October 2000
44. Tibbs R, Tyler D, Mandybur G, Parent A. Interventional MRI guided stereotactic aspiration of acute/subacute intracerebral hematomas. 59th Annual Meeting of the Japan Neurosurgical Society, Fukuoka, Japan. October 2000
45. Zhang J, Tibbs R, Aoki K, Parent A. MAPK inhibitors attenuate cerebral vasospasm in a dog model. 4th World Stroke Conference, Melbourne, Australia. November 2000
46. Tibbs R, Meguro T, Zubkov A, Badr A, Parent A, Zhang J. Attenuation of cerebral vasospasm by MAPK inhibitors in a canine double hemorrhage model. Southern Neurosurgical Society Annual Meeting, Austin, Texas. March 2001

## PUBLICATIONS

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### *Journal Articles*

1. Sundermann C, Lindsay D, **Tibbs R**, Bailey M. Complete development of *Caryospora bigenetica* (Apicomplexa: Eimeriidae) in vitro. *Journal of Protozoology*, 35(4) 465-469, 1988. 1988
2. **Tibbs R**, Bowles A, Raila F, Fratkin J, Hutchins J. Should endolymphatic sac tumors be considered part of the von Hippel-Lindau complex? *Neurosurgery*, 40(4) 848-855, 1997. 1997

3. **Tibbs R**, Bowles A, Raila F. Maffucci's Syndrome and intracranial chondrosarcoma. *Skull Base Surgery*, 7(1) 49-55, 1997. 1997
4. **Tibbs R**, Haines D, Parent A. The child as a projectile. *The Anatomical Record (The New Anatomist)*, 253(6) 167-175, 1998. 1998
5. **Tibbs R**, Raila F, Harkey H. Hemangioblastoma of the filum terminale: Case Report. *Neurosurgery*, 44(1) 221-223, 1999. 1999
6. Lancon JA, Killough KR, **Tibbs RE**, Lewis AI, Parent AD. Spontaneous dural sinus thrombosis in children. *Pediatric Neurosurgery*, 30:23-29, 1999. 1999
7. Zubkov AY, **Tibbs RE**, Aoki KA, Zhang JH. Prevention of vasospasm in penetrating arteries with MAPK inhibitors in dog double-hemorrhage model. *Surgical Neurology*, 54(3) 221-228, 2000. 2000
8. **Tibbs R**, Zubkov A, Aoki A, Meguro T, Badr A, Parent A, Zhang J. Effects of mitogen-activated protein kinase inhibitors on cerebral vasospasm in a double hemorrhage model in dogs. *Journal of Neurosurgery*, 93(6) 1041-1047, 2000. 2000
9. Mychaskiw G, Badr A, **Tibbs R**, Clower B, Zhang J. Optison (FS069) disrupts the blood brain barrier in rats. *Anesthesia and Analgesia*, 91:798-803, 2000. 2000
10. Zubkov AY, **Tibbs RE**, Aoki KA, Zhang JH. Morphological changes of cerebral penetrating arteries in a canine double hemorrhage model. *Surgical Neurology*, 54(3) 212-220, 2000. 2000
11. Yin W, **Tibbs R**, Aoki K, Badr A, Zhang J. Metabolic alterations in cerebrospinal fluid from double hemorrhage model of dogs. *Neurological Research*, 23(1) 87-92, 2001. 2001
12. **Tibbs RE**. Venous Sinus Thrombosis. *Pediatric Neurosurgery*, 34:278-279, 2001. 2001
13. Aoki K, Zubkov AY, **Tibbs RE**, Meguro T, Zhang JH. Role of MAPK in chronic cerebral vasospasm. *Acta Neurochirurgica Supplement*, 77: 55-57, 2001. 2001
14. Zubkov AY, **Tibbs RE**, Clower B, Ogihara K, Aoki K, Zhang JH. Apoptosis in basilar endothelial cells in a canine double hemorrhage model. *Acta Neurochirurgica Supplement*, 77: 29-31, 2001. 2001
15. **Tibbs R**, Pelofsky S, Freidman E, Blaylock K. Physician Ownership of Specialty Spine Hospitals. *Neurosurgical Focus*, 12(4) 1-3, 2002. 2002
16. Akin E, Clower B, **Tibbs R**, Tang J, Zhang J. Bilirubin produces apoptosis in cultured bovine brain endothelial cells. *Brain Research*, 931: 168-175, 2002. 2002

#### **Journal Communications**

1. **Tibbs R**, Bowles A. Maffucci's Syndrome Associated with a Cranial Base Chondrosarcoma: Case Report and Literature Review. *Neurosurgery*, 43(2) 397, 1998. 1998

#### **Journal Abstracts**

1. **Tibbs R**, Sundermann C. Development of *Caryospora bigenetica* in cultured mammalian cells. *Journal of the Alabama Academy of Science*, 59(3) 104, 1988. 1988
2. Wester E, Douglas R, Sundermann C, **Tibbs R**, Blagburn B, Swango L, Lindsay D. Illustrations of the life history of *Caryospora bigenetica*, a parasitic protozoan. *Journal of the Alabama Academy of Science*, 59(4) cover, 1988. 1988
3. **Tibbs R**, Bowles A. Should endolymphatic sac tumors be considered part of the von Hippel-Lindau complex? *Journal of Neurology, Neurosurgery and Psychiatry*, 61(5) 547, 1996. 1996
4. **Tibbs R**, Bowles A, Raila F, Fratkin J. Maffucci's Syndrome and intracranial chondrosarcoma. *Skull Base Surgery*, 7(1a) 25, 1997. 1997

5. Bowles A, **Tibbs R**. Unusual skull base tumors. *Skull Base Surgery*, 8(1a) 6, 1998. 1998
6. **Tibbs R**, Killough K, Lancon J, Lewis A, Parent A. The occurrence of congenital pediatric aneurysms. *Child's Nervous System*, 14(11) 667, 1998. 1998
7. **Tibbs R**, Lewis A. Sickle cell anemia and Moyamoya syndrome treated with encephaloduroarteriosynangiosis. *Child's Nervous System*, 14(11) 669, 1998. 1998
8. **Tibbs R**, Bowles A. Endolymphatic sac tumors and von Hippel-Lindau disease. *Southern Medical Journal*, 91(10) s55, 1998. 1998
9. **Tibbs R**, Killough K, Lancon J, Lewis A, Parent A. Occurrence of congenital pediatric aneurysms. *Southern Medical Journal*, 91(10) s58, 1998. 1998
10. **Tibbs R**, Zubkov A, Ogihara K, Aoki K, Badr A, Parent A, Zhang J. Apoptosis in a dog model of cerebral vasospasm. *Journal of Neurosurgery*, 92(1) 217, 2000. 2000
11. **Tibbs R**, Aoki K, Meguro T, Zubkov A, Badr A, Parent A, Zhang J. MAP kinase inhibitor attenuates cerebral vasospasm in a canine double hemorrhage model. *Stroke*, 31(1) 345, 2000. 2000
12. **Tibbs R**, Tang J, Zhang J. Bilirubin produces apoptosis in cultured endothelial cells. *Journal of Vascular Research* (6th Internet World Congress on Biomedical Sciences '00) E-suppl. 2000
13. Zubkov A, **Tibbs R**, Zhang J. Morphological changes of cerebral penetrating arteries in a canine double hemorrhage model. *Journal of Vascular Research* (6th Internet World Congress on Biomedical Sciences '00) E-suppl. 2000
14. **Tibbs R**, Zubkov A, Aoki K, Meguro T, Badr A, Parent A, Zhang J. Effects of MAPK inhibitors on cerebral vasospasm in a dog double hemorrhage model. *Neurologia Medico-Chirurgica*, 40(10) 98, 2000. 2000
15. **Tibbs R**, Yin W, Aoki K, Badr A, Zhang J. Metabolic alterations in cerebrospinal fluid from a dog model of vasospasm. *Neurologia Medico-Chirurgica*, 40(10) 179, 2000. 2000

#### **Book Chapters**

1. Ogihara K, Zubkov A, **Tibbs R**, Parent A, Zhang J. Role of Apoptosis in Cerebral Vasospasm after Subarachnoid Hemorrhage. In *Ischemic Blood Flow in the Brain*. Ed. Y. Fukuchi, M. Tomita. Springer 2000. Pp 202-208. 2000
2. **Tibbs R**, Tang J, Zhang J. Bilirubin Produces Apoptosis in Cultured Endothelial Cells. In *On-line Proceedings of the 6th Internet World Congress on Biomedical Sciences '00*. Hospital of Ciudad Real, Spain. Ed. M. Garcia. 2000
3. Zubkov A, **Tibbs R**, Zhang J. Morphological Changes of Cerebral Penetrating Arteries in a Canine Double Hemorrhage Model. In *On-line Proceedings of the 6th Internet World Congress on Biomedical Sciences '00*. Hospital of Ciudad Real, Spain. Ed. M. Garcia. 2000
4. **Tibbs R**, Lee D, Parent A. Depressed Skull Fractures. In *Textbook of Neurological Surgery: Principles and Practice*. Ed. H. Batjer, C. Loftus. Lippincott, Williams, and Wilkins 2002. Pp 1082-1091. 2002