

Curriculum Vitae

Rob D. Dickerman, D.O., Ph.D.

Neurological and Spine Surgeon

6130 West Parker Road

Suite 1-502

Plano, TX 75093

Office::972-238-0512

Fax:972-378-6925

DOB 2/29/1968

Education:

1988-1992 B.S. Chemistry, Texas Wesleyan University, Fort Worth, Texas

1992-1998 Ph.D. Biomedical Sciences- Biochemistry/Molecular Biology

University of North Texas Health Science Center, Fort Worth, Texas

1994-1998 D.O. University of North Texas Health Science Center, Fort Worth, Texas

Postgraduate Training:

1992-1994 Medicinal & Laboratory Chemist, Alcon Laboratories

1998-1999 Internship- John Peter Smith/Osteopathic Medical Center of Texas, Fort Worth, Texas

1999-2000 Neurosurgery Fellowship, CNS Tumors, National Institutes of Health, Surgical Neurology Branch

2000-2003 Neurosurgery Resident North Shore University-Long Island Jewish Medical Center

2003-2004 Chief Resident, Neurosurgery North Shore University-Long Island Jewish Medical Center

2004- 2005 Spine Fellowship, Texas Back Institute

Continuing Medical Education:

Medtronic Advanced Midas Rex Pneumatic Instrumentation

AO Advanced Cranial Plastic and Neurosurgical Reconstruction

Sofamor Danek- Advanced Spinal Instrumentation-Minimally Invasive Surgery

Medtronic Advanced Approaches to the Skull Base

Synthesis-Anterior approaches to the lumbar spine

Medtronic and Spinal Concepts-Minimally Invasive Spinal Surgery

Laser Spine Minimally Invasive Surgery Course

Honors:

Sigma Sigma Phi Honor Society Medical School 1994-1998

UpJohn Research Achievement Award 1996

Competitive Stipend Awarded 1995 & 1996

Glaxo-Wellcome Fellowship 1995-1996

Southern Medical Association Fellowship 1996-1997

Mayo Clinic Academic Scholarship 1997
Who's Who Among American Medical Students 1998
Chancellors Award UNTHSC 1998
Marquis Who's Who in American Science & Engineering 1998
Neurosurgery Fellowship National Institutes of Health 1999
Albert Einstein-LIJ Research Award 2001
American College of Surgeons (ACOS)-Research Award 2001
Albert Einstein-LIJ Research Award 2002
American College of Osteopathic Surgeons National Achievement Award 2002
Robert Irwin Literary Award 2002
Medtronic Sofamor Danek Research Award 2002.
American College of Osteopathic Surgeons National Achievement Award 2004
Fellow of American College of Osteopathic Surgeons 2016

Memberships:

National Brain Tumor Foundation
Pituitary Network Association
American Medical Association
American College of Osteopathic Surgeons
American Osteopathic Association
Cervical Spine Research Society
American Spinal Cord Injury Association
North American Spine Society
Texas Medical Association
Southern Medical Association
American Chemical Society
Society for Neuroscience
Founder, Neurosurgery Research Foundation of Texas 2006

Grants:

1996 Upjohn- Steroid-responsive neurotransmitters in cell culture.
1996 Glaxo-wellcome- Neuronal cell culture and neurodegeneration.
1997 Southern Medical Association- Sex steroids and Apoptosis.
1998:Stratagene- Neurotransmitters in neuronal cell culture.

Certification/Licensure/Titles:

2007-Present Clinical Adjunct Professor of Neurosurgery, Department of Surgery,
University of North Texas Health Science Center/TCU
Texas State Medical License 2004
Neurosurgery Board Certification-Board certified 2007, Recertification 2016.
Founder and Director of 'Neurosurgery Research Foundation of Texas'
2008-2011 Adjunct Faculty, The Texas Back Institute
2011-Present Director of Neurosurgery, Presbyterian Hospital of Plano
2008-2011 Elected member of Continuing Education Committee, North American
Spine Society (NASS).

2013-2015 Director of Neurosurgery Spine, The Medical Center of Plano
2016-Present Director of Spine Surgery, The Medical Center of Frisco
2018- Co-Director of The Pain Center at Presbyterian Hospital of Plano

Published Techniques:

1. Neurodegeneration model by utilization of hNT Neurons **Strategies** 10(2); 77-78:1997.
2. Preassembled Method for Ommaya Reservoir Placement, **Journal of Surgical Oncology** 89:36-38, 2005.
3. Cerebrospinal Fluid Leaks in Spinal Surgery: Repair Technique and Recognition of the Craniospinal Axis. **Spine** Jun 1;31(13):1513-4, 2006.
4. Trap-Door Durotomy for Ventral Calcified Thoracic Meningioma. **Interdisciplinary Neurosurgery: Advanced Techniques and Case Management** 2017, 8:33-34.

Research and Development:

Alpha-tec spine consultant designed ALIF peek graft 2007
Osteomed consultant designed thoraco-lumbar facet screw 2010
Spinal USA consultant designed lateral mass screw system, minimally invasive pedicle screw system, ALIF fixation device.
Amendia Spine, percutaneous pedicle screws.
Precision Spine, cervical plate
Abbott-St. Jude, spinal cord stimulator delivery system.

Research Interests:

Spine biomechanics- including surgical techniques for improving stabilization and prevention of destabilization, injury prevention in athletes.
Neurophysiology of pain and treatment options
Spinal cord injury and closed-head injury.
Brain tumor treatment modalities- Pharmaceutical options.
Nutrition and metabolism in postoperative patients, how to combat the catabolic state.

Textbooks and Book Chapters

1. Discogenic Pain: Orthopedic Knowledge-Spine Update 2005. 3rd Ed
2. Intraoperative Somatosensory Evoked Potentials and Electromyography: Spine Trauma, 2nd Edition, 2005.
3. The Spine Pocketbook. 2006.
4. Spinal Cord Injury Socioeconomics 2006.
5. Intraoperative EMG for pedicle screw placement. Spine 2007.
6. Spinal Stenosis Without Spondylolisthesis. The Aging Spine, 2009.
7. The Spine Pocketbook. 2nd ed, 2011.
8. Neurotrauma and Critical Care of the Spine 2nd ed, 2018.

Publications (abstracts excluded):

1. Dickerman, R.D., Schaller, F., Prather, I., McConathy, W.J., Sudden Cardiac Death in a 20 year old Bodybuilder Abusing Anabolic Steroids. ***Cardiology*** 86:172;1995.
2. Dickerman, R.D., McConathy, W.J., Zachariah, N.Y., Schaller, F. Cardiovascular Complications and Anabolic Steroids. ***European Heart Journal*** 17:1912-1915;1996.
3. Dickerman, R.D., McConathy, W.J., Zachariah, N.Y., Schaller, F. Echocardiography in Fraternal Twin Bodybuilders with One Abusing Anabolic Steroids. ***Cardiology*** 88:50;1997.
4. Dickerman, R.D., McConathy, W.J., Schaller, F., N.Y. Zachariah. Left Ventricular Size and Function in Elite Bodybuilders Using Anabolic Steroids. ***Clinical Journal of Sport Medicine*** 7(2):90-93;1997.
5. Dickerman, R.D., and McConathy, W.J. Testosterone, Vasopressin, and Depression. ***Progress in Neuro-Psychopharmacology and Biological Psychiatry*** 21(1);247-248:1997.
6. Dickerman, R.D., McConathy, W.J., Pertussi, R., Kramer, W. Peripheral Neuropathy and Testosterone ***Journal of NeuroToxicology*** 18(2): 587-588:1997.
7. Dickerman, R.D., Zachariah, N.Y., Fouraker, M., McConathy, W.J. Neuroendocrine Associated Behavioral Patterns in the Male Asian Elephant (Elephas Maximus) ***Journal of Physiology & Behavior*** 61(5);771-773:1997.
8. Dickerman, R.D., Fungwe, T., Zachariah, N.Y., McConathy, W.J. Sex Steroid Regulation of Neuropeptides in a Teratocarcinoma Cell Line of Neurons (hNT). ***Strategies*** 10(2);77-78:1997.
9. Dickerman, R.D., McConathy, W.J., Smith, A.B. The Pathogenesis of Sliding Hiatal Hernias: Pressure Overload ? ***Clinical Journal of Gastroenterology*** 25(1);352-353:1997.
10. Dickerman, R.D., Schaller, F., McConathy, W.J. Acute Dilated Cardiomyopathy and Anabolic Steroids in a 33 Year-Old Bodybuilder. ***Cardiovascular Pathobiology*** 2(1);53-55:1997.
11. Dickerman, R.D., McConathy, W.J., Zachariah, N.Y. Testosterone, Sex Hormone-Binding Globulin, Lipoproteins, and Cardiovascular Risk. ***Journal of Cardiovascular Risk*** 4:363-366:1997.
12. Dickerman, R.D., Pertusi, R., Zachariah, N.Y., Schaller, F. Androgen-Induced Erythrocytosis. ***American Journal of Hematology*** 59(3);263-264:1998.
13. Dickerman, R.D., Schaller, F., McConathy, W.J. Aortic Valve Thickening Associated with Power Training: Is It Pressure Overload ? ***The American Journal of Cardiology*** 82(8);996:1998.
14. Dickerman, R.D., Schaller, F., Zachariah, N.Y., McConathy, W.J. Left Ventricular Wall Thickening Does Occur in Power Athletes With or Without Anabolic Steroid Use. ***Cardiology*** 90(2);145-148:1998.
15. Dickerman, R.D., McConathy, W.J., Zachariah, N.Y., Pertusi, R., Dufour, R. Anabolic Steroid Induced Hepatotoxicity: Is it Overstated? ***Clinical Journal of***

Sport Medicine 9(1);34-39:1999.

16. Dickerman, R.D., Smith G., McConathy, W.J., Roof L.L., East J.W., Smith A.B. Intraocular Pressure Changes During Maximal Isometric Contraction: Does This Reflect Retinal Venous Pressure or Intracranial Pressure. **Neurological Research** 21(3);243-246:1999.

17. Dickerman, R.D., Smith A.B., Schuster D. Post-Abdominoplasty Hypertension: Augmentation in the Pressure Systems ? **Annals of Plastic Surgery** 42(5);572-574:1999.

18. Dickerman, R.D., Hsu, F., Piatt, J., Frank E. Subdural Empyema Complicating Cerebrospinal Fluid Shunt Infection. **Pediatric Neurosurgery** 30:310-311,1999.

19. Smith, A.B., Dickerman, R.D., McGuire, S., East, J.E., McConathy, W.J., Pearson F. Pressure-Overload Induced Sliding Hiatal Hernias in Resistance Trained Athletes. **Clinical Journal of Gastroenterology** 28(4);352-354:1999.

20. Dickerman R.D. Zachariah, N.Y., Pertusi R. Androgen-induced erythrocytosis: is it erythropoietin? **American Journal of Hematology** 61(2); 154-155:1999.

21. Dickerman, R.D. Smith G.H. East J.W., McConathy W.J., Rudder L. Middle Cerebral Artery Blood Flow Velocity During Maximal Weight-lifting in Elite Power Athletes. **Neurological Research** 22(4);337-340:2000.

22. Dickerman, R.D., Pertusi, R., Smith, G.H. The Upper Range of Lumbar Spine Bone Mineral Density? **International Journal of Sports Medicine** 21(7): 469-470:2000.

23. Likavic, AM, Dickerman, RD, Liow K, Heiss JD. Retrospective Analysis of Surgical Treatment Outcomes For Gelastic Seizures: A Review of the Literature. **Seizure** 9(3);204-207:2000.

24. Dickerman RD, Oldfield EH. Basis of Persistent and Recurrent Cushing's Disease (CD): An Analysis Based on Findings at Repeat Pituitary Surgery. **Journal of Neurosurgery** 97(6) 248-254:2002.

25. Vortmeyer AO, Koch C, Dickerman RD, Zhuang P, Oldfield EH. Somatic VHL gene mutations detected in sporadic endolymphatic sac tumors. **Cancer Research** 60(21);5963-5965:2000.

26. Dickerman RD, Jaikumar S. Secondary Partial Empty Sella Syndrome in an Elite Bodybuilder. **Neurological Research** 23(4);336-338:2001.

27. Dickerman RD, East JW, Douglas JA. Bilateral Median Neuropathy and Growth Hormone Use: a case report. **Archives of Physical Medicine and Rehabilitation** 81;1594-1595:2000.

27. Dickerman RD, Jaikumar S. The hiccup reflex arc and persistent hiccups with high-dose anabolic steroids: Is the brainstem the steroid-responsive locus? **Clinical Neuropharmacology** 24;62-64:2001

28. Dickerman RD, Stevens QE, Jaikumar J. Radial tunnel syndrome in an elite power athlete: A case of direct compressive neuropathy. **Journal of the Peripheral Nervous System** 7(4);229-232, 2002.

29. Dickerman RD, Stevens QE, Jaikumar S, Nguyen TT. Isolated intracranial infection with mycobacterium avium complex. **Journal of Neurosurgical**

Sciences 47:101-105,2003.

30. Dickerman RD, Schneider S. Recurrent Baclofen Pump Catheter Leak From Repeated Compression on the Iliac Crest: A Surgical Observation with Recommendations. **Pediatric Surgery** 37;17-19, 2002.

31. Dickerman RD, Vortmeyer AO, Oldfield EH. Multiple Pituitary Adenomas with LH and GH Hyperplasia in an Acromegalic Male with Carney Complex. **New England Journal of Medicine** in preparation.

32. Dickerman RD, Stevens QE, East JW, Smith AB. Umbilical and Bilateral Inguinal Hernias in a Veteran Powerlifter: A Pressure-Overload Syndrome. **Clinical Journal of Sports Medicine** 14:95-96, 2004

33. Stevens QE, Dickerman RD. The Upper Limit of Physiologic Left Ventricular Hypertrophy: Chronic Atrial Fibrillation in an Elite Powerlifter. **International Journal of Cardiology** Dec;81(2-3):275-276:2001

34. Epstein NE, Dickerman RD. Delayed Strut Fractures in Single Level Corpectomies. **Journal of Spinal Disorder Techniques** 15(5):420-424, 2002.

35. Stevens QE, Dickerman RD, McConathy WJ, Schaller F. Aortic and Mitral Valve Thickening with Concentric Left Ventricular Hypertrophy in an Elite Bodybuilder: Physiological or Biochemical? **Cardiology** 98(3):159-161, 2002.

36. Dickerman RD, Schneider S. Pediatric Cranial Fixation: A Survey of Pediatric Neurosurgeons. **Journal of Craniofacial Surgery** 13(6):769-771, 2002.

37. Dickerman RD, Stevens QE, Schneider SJ. The Role of Surgical Placement and Pump Orientation in Intrathecal Pump System Failure: A Review of 110 Cases. **Pediatric Neurosurgery** 38(2):107-110, 2003..

38. Dickerman RD, McConathy WJ, Lustrin E, Schneider SJ. Rapid Neurological Deterioration Associated with Minor Head Trauma in Chronic Hydrocephalus. **Child's Nervous System** 19(4):249-251,2003.

39. Epstein NE, Dickerman RD. Can Recurrent Pain Be a Signal of Delayed Autograft Strut Fracture Following Anterior Cervical Surgery? a Radiographic Correlation. **Spinal Surgery** 16(3):197-206, 2002.

40. Cohen AJ, Dickerman RD, Schneider SJ. New Method of Pediatric Cranioplasty for Skull Defect Utilizing Polylactic Acid Absorbable Plates and Carbonated Apatite Bone Cement. **Journal of Craniofacial Surgery** 15:469-472, 2004.

41. Dickerman RD, Overby C, Hollis P, Eisenberg M, Levine M. The Steroid-Responsive Hiccup Reflex Arc: Competitive Binding to the Corticosteroid-Receptor? **Neuroendocrinology Letters** 24:167-169, 2003.

42. Dickerman RD, Schneider SJ. Sudden Death Secondary to Fulminant Intracranial Aspergillosis in a Healthy Teenager After Posterior Fossa Surgery: The Role of Corticosteroids and Prophylactic Recommendations. **Journal of Neurosurgical Sciences** 48:87-90, 2004.

43. Dickerman RD, Morgan J. Spontaneous Subdural Hematomas in Healthy Athletes: Intracranial hypotension?. **Acta Neurochirurgica** 147:349-350, 2005.

44. Dickerman RD, Mittler MA. Intramedullary Inflammatory Mass Dorsal to a Klippel-Feil Deformity: Error in Neurulation or Response to An Abnormal Motion Segment? **Spinal Cord** 3:167-170,2004.

45. Dickerman RD, Eisenberg MB. The Preassembled Method for Routine Insertion of Ommaya Reservoir:How I Do it. **Journal of Surgical Oncology** 2004;89:36-38.
46. Dickerman RD, Stevens QS, Matarese NM, Schneider SJ. Prophylaxis to avert exacerbation/relapse of multiple sclerosis in affected patients undergoing surgery: surgical observations and recommendations. **Journal of Neurosurgical Sciences** 48:135-137,2004.
47. Dickerman RD, Colle KO, Bruno CA, Schneider SJ. Craniovertebral instability and spinal cord compression in a 17 month old male with Sly Syndrome (Mucopolysaccharidosis type VII): A Surgical Dilemma. **Spine** 29:92-94, 2004.
48. Dickerman RD, Morgan J, Mittler MA. Circumferential Cervical Spine Surgery in A 18 Month Old Female with Fracture-Dislocation of the Odontoid and C3 Vertebrae:Case Report and Review of Techniques. **Pediatric Neurosurgery** 41(2):88-92, 2005.
49. Dickerman RD, Lefkowitz M, Schneider SJ. Chiari Malformation and Odontoid Panus in a 5 year-old Female with Crouzon's Disease: Anterior, Posterior or Circumferential Surgery? **Journal of Clinical Neuroscience** 2005, 12:964-967.
50. Dickerman RD, Stevens QE, Schneider SJ. Precocious Puberty Associated with a Pineal Cyst: Is it Disinhibition of the Hypothalamic-Pituitary Axis? **Neuroendocrinology Letters** 25(3):173-175, 2004. .
51. Dickerman RD, Mittler MA, Warshaw C, Epstein JA. Cervical Spinal Cord Injury in a 14 year-old Male Secondary to Cervical Hyperflexion with Abdominal Exercise. **Spinal Cord** Aug, 2005.
52. Dickerman RD, Epstein JA, Lefkowitz M. Traumatic Central Cord After Adequate Decompression for Cervical Spondylosis: Biomechanics of Injury. **Spine** 30(20):E611-3, 2005.
53. Dickerman RD, McConathy WJ, Morgan J, Jolley JT, Stevens QE, Mittler MA, Schneider S. Failure Rate of Frontal Versus Parietal Approaches for Proximal Catheter Placement in Ventriculoperitoneal Shunts:Revisited. **Journal of Clinical Neuroscience** 12:781-783,2005.
54. Dickerman RD. Invited Letter to the Editor: Molecular and Reversible Effects of Steroids. **Heart** June 7, 2004.
55. Dickerman RD, Zigler JE. Atraumatic Vertebral Artery Dissection and Death After Cervical Corpectomy: An Indirect Injury Secondary to Traction? **Spine** 30:E658-E661, 2005.
56. Dickerman RD, Zigler JE, Bennett MT, Smith E. Postoperative Leg Pain After Artificial Disc or Fusion: Incidence, Etiology, Prevention and Management. **Spine** in preparation.
57. Dickerman RD, Morgan J. The postoperative catabolic state: when to intervene? **Anaesthesia** 60:514-516, 2005.
58. Dickerman RD, Morgan JT. Pathogenesis of Subdural Hematoma in Healthy Athletes:Postexertional intracranial hypotension. **Acta Neurochirurgica** 147(3): 349-350, 2005.
59. Dickerman RD, Zachariah NY, McConathy WJ. Age-Related Androgen

- Receptor Polymorphisms and Responsiveness. *Experimental Gerontology* 40(5):359-360, 2005.
60. Dickerman RD, Morgan JT. Cervical Rib and Brachial Plexopathy: A Case with Review of the Literature. *Hospital Physician* in preparation.
61. Dickerman RD. Familial Tuberous Sclerosis with Concordant Expression in a Disease of Variable Penetrance. *Neurosurgical Review* 4:335-6, 2005.
62. Dickerman RD, Morgan JT, Cohen AJ. Diffuse Malignant Transformation of Pleomorphic Xanthochromic Astrocytoma 20 Years Later: A Matter of Time? *Acta Neurochirurgica* 148:95-7, 2006.
63. Dickerman RD, Bennett MT. Acute Spinal Cord Compression from Vertebral Hemangioma: Embolization and Emergent Surgery. *The Spine Journal* 5:582-4, 2005.
64. Dickerman RD. Severe Fibrous Dysplasia of the Craniovertebral Junction with Transient Quadriplegia: A Complicated Case. *British Journal of Neurosurgery* Dec;19(6):495, 2005.
65. Dickerman RD, Cohen AJ. Cranial Reconstruction with Bioresorbable Plates and Hydroxyapatite. *Journal of Neurosurgery* 103(1):95-96, 2005.
66. Dickerman RD, Joseph AM, Bennett MT. Corticosteroid-induced Myopathy in Spinal Cord Injury Patients: A Role for Anticatabolic Agents? *Spinal Cord* 2006 Apr;44(4):263-4, 2006.
67. Dickerman RD, Morgan JT, Mittler MA. Stereotactic Brain Biopsy Operative Complications: Technique to Further Decrease Risk. *Acta Neurochirurgica*. 147:911-912, 2005.
68. Dickerman RD, Morgan JT, Mittler MA. Decompressive Craniectomy for Traumatic Brain Injury: When is it too Late? *Childs Nervous System* 21:1014-1015, 2005.
69. Bennett, M, Reynolds AS, Dickerman RD. Bone Morphogenic Proteins in Spinal Surgery: Containment is Crucial!. *Spine* Aug 1;31(17):2029-30, 2006.
70. Dickerman RD. Spinal Decompression After Spinal Cord Injury: What's the Optimal Time? *Journal of Neurosurgery* (4):349, 2006.
71. Dickerman RD, Morgan JT, Colle KO, Schneider SJ. Pressure-Programmable Shunt Valves. *Journal of Neurosurgery* Apr;104(4 Suppl):294, 2006.
72. Dickerman RD and Reynolds AS. Chiari I Malformation. *Journal of Neurosurgery* Jan;106, 2007.
73. Dickerman RD, Morgan B. Preoperative 3-Dimensional Computed Tomography in Lateral Mass Screws. *Surgical Neurology* 65:317-318, 2006.
74. Stevens QE, Chen J, Dickerman RD, Kattner K. Reactivation of dormant lumbar methicillin-resistant Staphylococcus Aureus osteomyelitis after 12 years. *Journal of Clinical Neuroscience* Dec 21, 2006.
75. Dickerman RD, Guyer R, Hisey M. Intraoperative EMG Monitoring During Percutaneous Pedicle Screw Placement. *The Spine Journal* Jul-Aug;6(4):474, 2006.
77. Dickerman RD. Malignant transformation of a pleomorphic xanthoastrocytoma. *Acta Neurochirurgica (Wien)* 148:98, 2006.

78. Dickerman RD, Guyer R. Intraoperative EMG for Lateral Mass and Pedicle Screw Placement: Technique is the Key!. **Journal of Spinal Disorders and Techniques** Aug;19(6):463, 2006.
79. Dickerman RD., Reynolds AS. Postoperative Cervical Dystonia: An Occult Injury to the Corticospinal or Spinothalamic Tracts? **Stereotactic and Functional Neurosurgery** Jul 10;84(2-3):125, 2006.
80. Dickerman RD, Reynolds AS, Cattorini J. Indirect vertebral artery injury during cervical spine surgery. **Canadian Journal of Anaesthesia** Jul;53(7):738-9, 2006.
81. Dickerman RD, Morgan J. Acute intracranial subdural hematoma following a lumbar CSF leak caused by spine surgery. **Spine** 2006 Jun 1;31(13):1513-4.
82. Dickerman RD, Reynolds AS, Hochschuler S, Morgan B. Massive Epidural Venous Plexus Secondary to a Thoracic Disc Herniation: A Confusing Radiographic Picture. **Spine** submitted.
83. Dickerman RD, Reynolds AS, Bennett M, Hochschuler S, Rashbaum R. Preventing adjacent level disease after lumbar fusion: Facet preservation is mandatory!. **Journal of Neurosurgery** Feb;6(2):194-5, 2007
84. Dickerman RD, Reynolds AS, Morgan BC. Posterior decompression and fusion: Dorsal migration of the spinal cord is the key! **J Clin Neurosci**. Jun 29, 2006.
85. Dickerman RD, Reynolds AS, East JW. The vertebral artery: know the high risk patients. **Surg Radiol Anat**. Jul 1, 2006.
86. Dickerman RD, Reynolds AS, Morgan B. Intractable Stuttering Secondary to Hydrocephalus. **Surgical Neurology** submitted.
87. Dickerman RD, Reynolds AS, Gilbert E, Morgan B. The Importance of Early Postoperative Radiation in Spinal Myxopapillary Ependymoma. **Journal of Neuro-oncology** 6, 2007.
88. Dickerman RD, Zigler J. Discography Not A Stand-Alone Test. **Spine** 32:287-288, 2007.
89. Dickerman RD, Reynolds AS, Bennett M, Morgan B. Lateral Mass Screws: Anatomy is Key Not Image Guidance! **Journal of Spinal Disorders and Techniques** Feb;20(1):109, 2007.
90. Dickerman RD, Reynolds AS, Morgan B. Recurrent Cushings Disease: Consider Dural Invasion. **Neurosurgery** 59:1152, 2006.
91. Bennett M, Reynolds AS, Dickerman RD. Bone Morphogenetic Protein Use in Spinal Surgery: Containment is Crucial! **Spine** 1;31(17):2029-30, 2006.
92. Stevens QE, Dickerman RD, Kattner KA, Stroink AR. Nonhemorrhagic cord contusion after percutaneous fiducial placement case report and recommendations. **Journal of Spinal Cord Medicine**. 29:425-429, 2006.
93. Dickerman RD, Reynolds AS, Stevens Q. Risk reduction with stereotactic brain biopsies:keys to success. **Surgical Neurology** 67:216, 2007.
94. Dickerman RD, Reynolds AS, Morgan B. Polyetheretherketone (PEEK) cage filled with bone morphogenetic and demineralized bone matrix in anterior cervical discectomy and fusion. **Int Orthop** 2007, 28:57-62.

95. Dickerman RD, Reynolds AS, Morgan BC, Zigler J. Vertebral artery injury. **J Neurosurg Spine** 2007, 7:112-113.
96. Dickerman RD, Reynolds AS, Stevens Q, Zigler J. Cervical pedicle screws vs. lateral mass screws: uniplanar fatigue analysis and residual pullout strengths. **Spine J** 2007 7:384.
97. Dickerman RD, Reynolds AS, Morgan BC, Tompkins J, Cattorini J, Bennett M. rh-BMP-2 can be used safely in the cervical spine:dose and containment are the keys! **Spine J** 2007, 7:508-509.
98. Dickerman RD, Reynolds AS, Zigler J, Guyer RD. Adjacent Segment Degeneration: Time not as Important as Facet Preservation! **Acta Orthopaedica** 2008, in press.
99. Dickerman RD, Reynolds AS, Morgan B. Calcium Phosphate Silicate: A Good Alternative To BMP. **Spinal Journal** 2008 2:1-3.
100. Dickerman RD, Reynolds AS. Duraplasty is required for Chiari Decompression! **Br J Neurosurg** 2008,22:450-451.
101. Dickerman RD, Reynolds AS, Tackett J, Morgan B. Dural Laceration. **J Neurosurg Spine** 2008, 9:104.
102. Dickerman RD, Reynolds AS, Tackett J, Winters K, Alvarado C. Percutaneous pedicle screws significantly decrease muscle damage and operative time: surgical technique makes a difference! **Eur J Spine** 2008, 17:1398-4000.
103. Dickerman RD, Reynolds AS, Rashbaum R, Hochschuler S. Adjacent segment degeneration. **J Neurosurg Spine** 2009, 10:177.
104. Tackett J, Reynolds AS, Dickerman RD. Enzyme elevations with muscle injury: Know what to look for! **Br J Clin Pharmacol** 2008, 66:725.
105. Dickerman RD, Reynolds AS, Tackett J, Beugler DM, Bennett M. Dynamic versus static cervical plating for fusion: what about the interbody graft? **Spine J.** 2009, 9:336-337.
106. Dickerman RD, Reynolds A, Tackett JL. Quantitative anatomy of subaxial cervical lateral mass: an analysis of safe screw lengths for Roy-Camille and Magerl techniques. **Spine** 2008, 33:2369-2370.
107. Dickerman RD, Reynolds A, Tackett J, Morgan B, Bennett M. Bone morphogenic protein. **J Neurosurg Spine** 2008, 9:401.
108. Dickerman RD, Reynolds AS, Bennett M. A case of psoas ossification from the use of BMP-2 for posterolateral fusion at L4-5. **Spine** 2009 34:749.
109. Dickerman RD, Reynolds AS, Bennett M. Cervical spondylotic myelopathy: a complex problem where approach is patient dependent. **Eur Spine J.** 2010, 12:65-66.
110. Dickerman RD, Tackett J, Winters K. Comparison of Muscle Damage Associated with Anterior lumbar interbody fusion versus posterior lumbar interbody fusion with percutaneous pedicle screws. **Spine** 2009, 12:77-81.
111. Dickerman RD, Reynolds AS, McDonald C. Trap-Door Durotomy for Ventral Calcified Thoracic Meningioma. **Interdisciplinary Neurosurgery: Advanced Techniques and Case Management** 2017, 8:33-34.

112. Dickerman RD, Reynolds AS, Winters K. Operative Closure Technique Utilizing Bovine Collagen Fragments in a Prospective Analysis of 102 Consecutive Neurosurgery Patients. **JSM Neurosurg Spine** 2017, 5(2):1088.
113. Lonser RR, Mehta GU, Kindzelski BA, Chaudhury A, Vortmeyer AO, Dickerman R, Oldfield EH. Surgical Management of Carney Complex-Associated Pituitary Pathology. **Neurosurgery** 2017, 80:780-786.
114. Dickerman RD, Reynolds AS, Winters K, Williamson JE. Traumatic Brain Injury and Branched-Chain Amino Acids (BCAA's). **Neurosurgery** 2017,1:81.
115. Dickerman RD, Reynolds AS. Ventricular Catheter-Tip Proximity to Choroid Plexus is a Key Factor in Shunt Failure. **J Neurosurg Ped.** 2017, 22:1-3.
116. Dickerman, RD, Williamson J, Bennett M. Reversal of Low Prealbumin with Oral Branched-Chain Amino Acids: A Simple Solution to an Expensive Problem. **J Neurosurg Spine** in press 2018.
117. Berney E, Raut S, Sabnis NA, Panchoo M, Dickerman R, Lacko A. Targeting the SR-B1 Receptor for treating Glioblastoma. **Cancer Chemo and Pharm** submitted
118. Dickerman RD, Reynolds AS, Winters K, Bennett M. Intraoperative Cryotherapy in Lumbar Microdiscectomy to Reduce Muscle Damage. in prep
119. Dickerman RD, Reynolds AS, Bennett M, Morgan J. Supraclavicular Swelling and Cervical Radiculopathy: An Unrecognized Clinical Syndrome. In prep.
120. Dickerman RD, Bennett M, Weiss M. Left Hemidiaphragmatic Paralysis After Posterior Cervical Epidural Steroid Injections: Anatomical Variances or Neurotoxicity. In prep
121. Dickerman RD, Bennett M, Koning J, Williamson JW. Long-term Pain Control and Reduction in Narcotic Use with Spinal Cord Stimulation: Comparative Analysis of Three Different Systems. in prep
122. Dickerman RD, Bennett M, Williamson JW. Long-term Outcomes in Cervical and Lumbar Fusions Using Iliac Crest Bone Marrow Aspirate. in prep