

*-Curriculum Vitae*

**ANDREA L. HALLIDAY, M.D.**

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Springfield, OR. 97477

**PRIVATE PRACTICE**

2005-Present	Eugene, Oregon
2000-2005	Fort Worth, Texas

**ACADEMIC APPOINTMENTS**

1997-2000	Assistant Professor University of Texas Southwestern Medical Center at Dallas Department of Neurosurgery
1994-1997	Assistant Professor of Surgery Director of Neurosurgical Critical Care University of New Mexico Division of Neurosurgery

**EDUCATION**

1994-1995	University of New Mexico, Albuquerque, NM Fellowship in Reconstructive & Complex Spine Surgery
1986-1993	Massachusetts General Hospital, Boston, MA General Surgery Intern and Neurosurgery Resident
1982-1986	Harvard Medical School, Boston, MA M.D. degree, June 1986
1976-1982	University of Washington, Seattle, WA Graduate student in philosophy with additional coursework in the pre-medical sciences and Russian
1972-1976	Stanford University, Stanford, CA A.B. degree, with distinction, in Philosophy and Psychology Phi Beta Kappa

**BOARD CERTIFICATION**

November, 1998	American Board of Neurological Surgery
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## **MEDICAL LICENCES**

Texas #K2481  
New Mexico #94-62  
Oregon #MD25669

## **HOSPITAL APPOINTMENTS**

Scared Heart Medical Center, Eugene, OR  
McKenzie-Willamette Medical Center, Springfield, OR  
McKenzie Surgery Center, LP, Eugene, OR  
Spine Surgery Center of Eugene, LLC, Eugene, OR

## **PROFESSIONAL COMMITTEES**

American Association of Neurological Surgeons Ad Hoc Task Force on  
Pedicule Screws  
AANS/CNS Section on neurotrauma and Critical Care Spinal Cord Injury  
Committee  
1999, 2000, and 2001 Scientific Abstract Review Committee, AANS/CNS  
Section on Disorders of the Spine and Peripheral Nerves  
2000 Scientific Program Advisory Committee, AANS/ CNS Section on  
Disorders of the Spine and Peripheral Nerves  
2004 Abstract Review Committee, North American Spine Society, 19<sup>th</sup>  
Annual Meeting October 2004  
Oregon State Trauma Advisory Board

## **RESEARCH**

Principal Investigator: A prospective, randomized clinical investigation of  
recombinant human bone morphogenetic protein-2 and compression  
resistant matrix with the CD Horizon ® Spinal System for posterolateral  
lumbar fusion in patients with symptomatic degenerative disease.

## **PROFESSIONAL COURSES – FACULTY**

AANS Spine Hands-On Course, May 1994, May 1995, May 1996  
AANS Neurosurgical Critical Care Course, June 1995, Jan 1996, June  
1996, Jan 1997, June 1997  
Thoracolumbar Hands-On Course, AANA/CNS Section on Disorders of  
the Spine and Peripheral Nerves, Feb 1995  
Thoracic and Lumbar Stabilization Techniques, AANS Meeting, April  
1995, April 1996  
Management of Thoracolumbar Fractures, CNS, Oct 1996, AANS, April  
1997, CNS Oct 1997.  
Topics in Neurosurgical Critical Care, Jan 1998, Feb 1999  
Management of Thracolumbar Trauma, AANS/CNS Section on Disorders  
of the Spine and Peripheral Nerves, Feb 1998  
Southwestern Medical School Integrative Human Biology, Spring 1999  
Pedicule Screw Revisited, AANA/CNS Section on Disorders of the Spine  
and Peripheral Nerves, Feb 1999

Evaluation and Management of Primary Vertebral Column Neoplasms,  
AANS, April 2000  
Synthes Spine Bioskills Workshop, Baylor Richardson Medical Center,  
July 2000  
The Degenerative Lumbar Spine: Pathology and Treatment Strategies,  
CNS, Oct 2000  
Surgery of the Cervicothoracic Junction, CNS, Oct 2000  
Lumbar Disc Disease: Treatment Strategies, CNS, Oct 2001  
Spinal Anatomy and the Treatment of Spinal Disorders, Fort Worth, TX,  
Feb 2002  
Treatment of Lumbar Stenosis and Spondylolisthesis, CNS, Oct 2002  
Moderator, Special Interest Group, Pain Syndromes After L5-S1 Fusion,  
North American Spine Society, Oct 2003  
Kyphoplasty, Portland OR, June 2005

### **MEMBERSHIPS**

American Association of Neurological Surgeons  
Congress of Neurological Surgeons  
International Neurotrauma Society, Charter Member  
AANS/CNS Section on Disorders of the Spine and Peripheral Nerves  
AANS/CNS Section on Neurotrauma and Critical Care  
North American Spine Society  
International Spine Intervention Society  
Lane County Medical Society  
Women In Neurosurgery

### **PUBLICATONS**

**Halliday A**, Bush B, Cleary P, Aronson M, Delanco T. Alcohol abuse in women seeking gynecologic care. *Obstetrics and Gynecology* 68:325, 1986

**Halliday A**, Chapman P, Heros R. Leptomeningeal cyst resulting from adulthood trauma; Case report. *Neurosurgery* 26:150, 1990.

Cepko C, Austin A, Walsh C, Ryder E, **Halliday A**, Fields-Berry S. Studies of Cortical development using retrovirus vectors. *Cold spring Harbor Symposium on Quantitative Biology* 55:265, 1990.

Kim T, **Halliday A**, Hedley-Whyte E, Convery K. Correlates of survival and the Daumas-Duport grading system for astrocytomas. *Journal of Neurosurgery* 74:248, 1991.

**Halliday A**, Sovel R, martuza R. Benign Spinal nerve sheath tumors: their occurrence sporadically and in neurofibromatosis types 1 and 2. *Journal of Neurosurgery* 74:248, 1991.

Fields-Berry S, **Halliday A**, Cepko C. A recombinant retrovirus encoding alkaline phosphatase confirms clonal boundary assignment in lineage analysis of murine retina. *Proceedings of the National Academy of Science* 89:693, 1992.

- Halliday A**, Cepko C. Generation and migration of cells in the developing striatum. *Neuron* 9:1, 1992.
- Halliday A**, Ogilvy C, Crowell R. Intracranial vertebral artery arteriovenous fistula. Case report. *Journal of neurosurgery* 79:589, 1993.
- Halliday A**, Henderson Br, Benzel EC, Hart BL. The management of unilateral lateral mass/facet fracture of the subaxial cervical spine. The utility of MRI in predicting instability. *Spine* 22:2614, 1997.
- Doh JW, **Halliday A**, Baldwin N, Benzel E. Spinal Stabilization via crossfixed long central and dorsal instrumentation following multi-segmental total spondylectomy for thoracic chondrosarcoma: Case report with emphasis on the biomedical advantage of the outrigger concept. *J neurosurg: Spine* 94:279, 2001.

## BOOK CHAPTERS

- Lewine J, Orrison W, **Halliday A**, Morrell F, Chuang S., Hwang P., Sanders J. Magnetoencephalography: Functional imaging in epilepsy, in *Neuroimaging in Epilepsy* (CR Jack and GD Cascino, eds), Butterworth Press, 1994.
- Harsh G, **Halliday A**. Meningioma: Clinical features, in *The Practice of Neurosurgery* (GT Tindall, PR Cooper, DL Barrow, eds), Williams & Wilkins, 1996.
- Halliday A**. Suboccipital and Cervical Decompression, In *Syringomyelia and the Chiari Malformations*, (J anson, E Bense, I Awad, Eds) American Association of Neurological Surgeons, 1997
- Yoganandan, Dickman, **Halliday A**, Benzel EC. Practical Anatomy and Fundamental Biomechanics, in *Spine Surgery: Techniques, Complication Avoidance, and management*. (E Benzel, ed) Churchill Livingstone, 1999 Volume 1.
- Kaptain GJ, **Halliday A**, Shaffrey B, Scvhneirer IM. Dorsal and Lateral Thoracic and Lumbar Fusion, in *Spine Surgery: Techniques, Complication Avoidance, and management*. (E Benzel, ed) Churchill Livingstone, 1999 Volume 1.
- Lancon JA, Benzel EC, **Halliday A**. Anterior Sacral Meningocele and Ruptured Lesions, in *Spine Surgery: Techniques, Complication Avoidance, and management*. (E Benzel, ed) Churchill Livingstone, 1999 Volume 2.
- Halliday A**, Zileli M, Benzel Ec. Dorsal Thoracic and Lumbar Screw Fixation and Pedicle Fixation Techniques, Complication Avoidance, and management. (E Benzel, ed) Churchill Livingstone, 1999 Volume 2.
- Halliday A**, Anson J. Ethical and Medicolegal Aspects of Spinal Surgery, in *Spine Surgery: Complication Avoidance, and Management*. (E Benzel, ed) Churchill Livingstone, 1999 Volume 2.
- Halliday A**. Severe Traumatic Brain Injury: Pathophysiology, in *Traumatic Brain Injury*. (D marion, ed) Thieme medical Publishers, Inc., 1999.

Stovall R, **Halliday A**. Degenerative Lumbar Spondylolisthesis: Treatment Strategies, in Seminars in Neurosurgery. (C Paramore, ed) Thieme 2000, Volume 11.

## **BOOK REVIEWS**

**Halliday AL**, Morgan H. (Yomada S, ed). Tethered Cord Syndrome, The American Association of Neurological Surgeons, 1996. Review in Archives of Neurology.

## **LETTER TO THE EDITOR**

**Halliday AL**, *Critical Care Medicine*, July 1996

## **PRESENTATIONS**

- Generation and migration of cells in the developing striatum. AANA/CNS Section on Pediatric Neurological Surgery, Dec 1991.
- Pedicle screw fixation for degenerative or post-traumatic coronal plane deformity of the lumbar spine. Rocky Mountain Neurosurgical Society, June 1994.
- Pedicle screw fixation for degenerative or post-traumatic coronal plane deformity of the lumbar spine, Rachidian Society, Feb 1995.
- Arteriovenous differences as a management guide in severe traumatic brain injury. Rocky Mountain Neurosurgical Society, June 1995.
- Integrated clinical and imaging protocol to evaluate acute cervical spine injuries. Rocky Mountain Neurosurgical Society, June 1996
- Management of unilateral lateral mass/facet fractures, cervical spine Research Society, Dec 1996.
- Surgical restoration of cerebrospinal fluid flow improves pain, spasticity and loss of function, American Spinal Cord Injury Association, April 1999.

## **POSTERS**

- Benign spinal nerve sheath tumors: Their occurrence sporadically and in neurofibromatosis types 1 and 2. **Halliday A**, Sobel R, Martuza R. CNS, October 1989
- Generation and Migration of cells in the developing striatum. **Halliday A**, Cepko, C. Society for Neuroscience, October 1990.
- Application of a novel recombinant retrovirus in lineage studies of the rodent retina. Stanley Cobb Assembly, Boston Society of Neurology and Psychiatry, May 1991.
- Pedicle screw fixation for degenerative or post-traumatic coronal plan deformity of the lumbar spine. **Halliday A**, Benzel EC, Baldwin NG. AANS/CNS Section on Disorders of Spine and Peripheral Nerves. February 1995.

Intrinsic Implant Bending Moment Application Via Pedicle Fixation: Degenerative Lumbar Rotary Scoliosis Management. **Halliday A**, Baldwin NG, Benzel EC. AANS, April 1995.

Arteriovenous differences as a management guide in severe traumatic brain injury. Kern MD, **Halliday A**, Baldwin NG, Benzel EC, Robinson AR. Third International Neurotrauma Symposium, July 1995.

## INVITED LECTURES

Management of Head Trauma, Region II EMS Conference, Las Cruces, NM, Nov 1994

Evaluation of Acute Cervical Spine Injuries, Trauma Update, Albuquerque, NM, Dec 1994

Medical Ethics Panel, Albuquerque Technical-Vocational Institute, Albuquerque, NM, Jan 1995

Advanced in Head Injury Therapy, Advanced Critical Care Conference, Albuquerque, NM, March 1995

Current Concepts in the Management of Closed Head Injury, Current Concepts in General Surgery, Albuquerque, NM April 1996

Management of the Acute Neurologically Impaired Patient, Mobile Intensive Care-Paramedic, Albuquerque, NM, April 1996

Spinal Biomechanics: The Fundamentals, International College of Surgeons, Washington, DC, May 1996

Cerebral Perfusion Therapy in the Current Management of Severe and Moderately Severe Traumatic Brain Injuries, International College of surgeons, Washington, DC, may 1996

Management of the Acute Neurological Impaired Patient, Mobile Intensive Care Paramedic Training Program, Albuquerque, NM, Jan 1997

Cerebral Perfusion Pressure Therapy, Kaiser Permanente 8<sup>th</sup> Annual Neurosurgery Symposium, Long Beach, CA, Feb 1997

Pathogenesis and Natural History of Cervical Spondylosis, AANS/CNS Section on Disorders of the Spine and Peripheral Nerves, Rancho Mirage, CA, Feb 1998

Treatment of Cervical Spondylosis, Texas Association of Neurological Surgeons, Dallas, TX, May 1999

Cervical Spine Trauma, Harris Methodist Fort Worth Trauma Education Series, Feb 2002

Case Management: Lumbar Spondylosis/Spondylolisthesis, Congress of Neurological Surgeons, Philadelphia, PA, Sept 2002

Current Treatment of Spinal Cord Injury, Common Goals, A Multidisciplinary Approach to Acute Care of the Trauma Patient, Dallas TX, Sept 2002

Kypoplasty, Texas Association of Perianesthesia Nurses Seminar, Fort Worth, TX, May 2004