

CURRICULUM VITAE

Robert Alfred Beatty, M.D.

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Hinsdale, IL 60521
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Practice limited to Neurological Surgery

EDUCATION: University of Oregon B.A. 1959, B.S. 1960
University of Oregon Medical School M.D. 1961
Internship (rotating) University of Illinois Research Educational
Hospital, Chicago, Illinois 1961-1962
Residency in general surgery Rush Presbyterian-St. Luke's
Hospital, Chicago, Illinois 1962-1963
Residency in neurology and neurological surgery at University of
Illinois Neuropsychiatric Institute, Chicago, Illinois
Under Eric Oldberg, M.D. and Oscar Sugar, M.D. 1963-1966

MEDICAL LICENSURE:

State of Indiana- June 30, 2010
State of Wisconsin- December 2, 2010
State of Illinois-September 14, 1963
State of California-July 8, 1965-No longer active
National Board of Medical Examiners- July 1, 1962

BOARD CERTIFICATION:

American Board of Neurological Surgery-1970

RESEARCH EXPERIENCE:

Research Fellow at Atkinson Morley's Hospital, St. George's
Medical School, London, England under Sir Wylie McKissock
1966-1967
Projects-studying carotid ligation and intracranial aneurysms

HONORS:

Phi Eta Sigma (national freshman men's scholastic honorary)

Phi Beta Kappa
Who's Who in the Midwest
American Medical Association Physician's Recognition Award
1973-present
Who's Who in Science and Engineering 1996- present
Who's Who in America-51st Edition-1996- present
Who's Who in Medicine and Healthcare; 2nd edition; 1997- present
Fellow of the American Association of Neurological Surgeons
2010

ACADEMIC APPOINTMENTS:

Clinical Assistant Professor in Neurosurgery, University of Illinois
School of Medicine, Chicago, Illinois 1967- 2011

MILITARY SERVICE:

Captain in U.S. Army Medical Corps, 1962-1968

MEDICAL SOCIETIES:

DuPage County, Illinois Medical Society
Illinois State Medical Society
Chicago Neurological Society
Central Neurosurgical Society
Inter-Urban Neurosurgical Society
American Association of Neurological Surgeons
Harvey Cushing Society-1971
North American Spine Society-1988
American College of Surgeons-1972
Society of British Neurological Surgeons-1972
International Microsurgical Society-1981
National Association of Spine Specialists-1999

SPECIAL TRAINING:

Neurology Course-National Hospital for Nervous Disease
at Queen Square London, England 1966-1967
Course in Microsurgery, Johns Hopkins University School
Of Medicine, February 1981
Course in Laser Microneurosurgery, University of California,
May 1982
Course in Intradiscal Therapy, American Academy of Orthopedic
Surgeons, Joint Committee on Education for Neurosurgery
of the American Association of Neurological Surgeons and

the Congress of Neurological Surgeons, January 1983
Course on Spinal Instrumentation, Seattle, Washington, October 1988
Course on Spinal Instrumentation, Boston, Massachusetts, March 1989
Course on Stereotactic Surgery, University of Utah, Salt Lake City Utah, September 1990 Dr. Peter Heilbrun
Course on Transoral Surgery of the Skull Base and Upper Cervical Spine, University College London, London, England September 1992 Alan Crockard, FRCS
Course on Trans-Thoracic Spinal Fusion, American Association of Neurological Surgeons, Ft. Lauderdale, Florida, February 1994
Course on Anterior Column Spine Surgery, New York, New York October 1995
Course on Interbody Fusion with B.A.K. System, Chicago, Illinois 1996
Course in Advances in Laparoscopic and Thorascopic Spinal Surgery, Dallas, Texas 1998 Dr. John Regan
Course in Computer Neuro Navigation; Zeiss Company, Hinsdale, Illinois April 6, 1999
Course in Vertebroplasty and Kyphoplasty, Toronto, Canada April 2001
Course in Kyphoplasty, Chicago, Illinois October 2001
Course in Bone Graft Infusion, Chicago, Illinois July 20, 2002
Advanced Spine Preceptship, Pittsburgh Medical Center, Pittsburgh, PA October 9-12 2003
Advanced Course in Spine Surgery, Sofamor Danek, Memphis, Tennessee March 5, 2004
Dynamic Stabilization Workshop, Zimmer Spine Institute, Warsaw, Indiana March 18, 2005
Refresher Course on Dynesys, Alexian Brothers Hospital, Zimmer Spine, June 24, 2005
Course on the Latest Minimally Invasive Techniques for the Treatment of Thoracolumbar Disorders, St. Louis University School of Medicine, St. Louis, MO, Feb 10-11, 2006
ISMIE Mutual Managing Risk Fellowship Program, 2008-present
Course on VTI Interfuse Implant Procedure, Orthopedic Learning Center, Rosemont, IL Feb 2, 2010
Course on Guides to Evaluation of Permanent Impairment, 6th Edition, ABIME, Chicago, IL August 7-8, 2010
CPOE Specialty Class Training, electronic medical records, Hinsdale, IL May 10, 2011

STAFF APPOINTMENTS:

Hinsdale Hospital, Hinsdale, Illinois 1967-present, Active Staff

LaGrange Memorial Hospital, LaGrange, Illinois 1967-present,
Active Staff

HOSPITAL ACTIVITIES AND COMMUNITY ACTIVITIES:

Founding Medical Advisor- Marion Joy Rehabilitation Hospital
Wheaton, Illinois 1967-1970

Medical Audit Committee, Hinsdale Hospital 1968-1972,
Chairman 1969-1972

Executive Committee, Hinsdale Hospital 1969-1972

Curriculum Committee, University of Illinois Medical School
1978-1993

Student Progress Committee, University of Illinois Medical School
1978-1993

Cancer Committee, LaGrange Memorial Hospital 1983-1986

Credential Committee, Hinsdale Hospital 1986-1989

Credentials Committee Chairman, Hinsdale Hospital 1991-1997

Hinsdale Hospital Medical Executive Committee 1991-1997

Joint Conference Committee 1991-1997

Physician Advisor, Aux Plaines Chapter of Medical Assistants,
An affiliate of the Illinois Society of Medical Assistants

The American Association of Medical Assistants 1988-1991

Illinois State Advisory Council on Spinal Cord and Head Injury,
founding member, 1990-1998; Vice Chairman 1995-1998

University of Illinois Neurosurgical Alumni Society Secretary
1996-1997

SURGICAL INSTRUMENTS:

Link-Beatty Foraminotomy Rongeur 1990

Bipolar forceps cleaner-patent pending

PUBLICATIONS:

1. Beatty, R.A., The focal motor seizure as a false localizing sign. *Neurol.*, 15:752-755, 1965
2. Beatty, R.A., Is the Hippocratic Oath Obsolete? *New Physician*, 15:18-19, 1966
3. Yashon, D., and Beatty, R.A., Tethering of the conus medullaris within the sacrum. *Neurol. Neurosurg. Psychiat.*, 29:244-250, 1966
4. Beatty, R.A., and Richardson, A.E., Predicting intolerance to common carotid artery ligation by carotid angiography. *J. Neurosurg.*, 28:9-13, 1968

5. Beatty, R.A., Sugar, O., and Fox, T., Protrusion of the posterior longitudinal ligament simulating herniated lumbar intervertebral disc. *Neurol. Neurosurg. Psychiat.*, 31:61-66, 1968
6. Paper No. 5 discussed in *Year Book of Neurology and Neurosurgery* 1969, 386-387
7. Beatty, R.A., Inherent faults in government medicine. *Ill Med. J.*, May 1968
8. Jane, J.A., Yashon, D., Becker, D.P., Beatty, R.A., Sugar, O., The Effect of Destruction of the Corticospinal Tract in the Human Cerebral Peduncle upon Motor Function and Involuntary Movements. *J. Neurosurg.*, 29:581-585, 1969
9. Paper No. 8 discussed in *Year Book of Neurology and Neurosurgery* 1970, 459-460
10. Beatty, R.A., and Richardson, A.E., the value of electroencephalography in the management of multiple intracranial aneurysms. *J. Neurosurg.* 30:150-153, 1969
11. Beatty, R.A., Cold dysesthesia; A symptom of extramedullary tumors of the spinal cord. *J. Neurosurg.*, 33:75-78, 1970
12. Beatty, R.A., Fracture of odontoid process related to automobile headrest. *JAMA* 211:829, 1970
13. Sutchter. H., Underwood, R., Beatty, R.A., and Sugar, O., Orofacial dyskinesia *JAMA* 216:1459-1463, 1971
14. Beatty, R.A., American Medicine. *American Scholar* 2:323-324, 1971
15. Beatty, R.A., Malignant melanoma of choroid plexus epithelium. *J. Neurosurg.* 36:344-347, 1972
16. Sutchter, H., Beatty, R.A., and Underwood, R.B., Orofacial dyskinesia; Effective Prosthetic therapy. *J. Prosthetic Dentistry*, 30:252-262, 1973
17. Beatty, R.A., Enzyme injection of lumbar discs. *J. Neurosurg.*, 39:793, 1973
18. Beatty, R.A., Surgical treatment of ruptured intracerebral arteriovenous malformation in a newborn. *Pediatrics*, 53: April, 1974
19. Beatty, R.A., Dissecting hematoma of the internal carotid artery following chiropractic cervical manipulation *J. Trauma*, 17:248-249, 1977
20. Beatty, R.A., and Sutchter, H., Orofacial Dyskinesias. *Arch. Neurol.*, 30:69-70, 1981
21. Beatty, R.A., Cervical-peritoneal shunt in the treatment of pseudotumor

- Cerebri. J. Neurosurg/, 57:853-855, 1982
22. Beatty, R.A., Cervical peritoneal shunt in the treatment of pseudotumor Cerebri. J. Neurosurg., 58:628, 1983
 23. Intravenous injection during chemonucleolysis. J. Neurosurg., 61:991, 1984
 24. Bulger, R., Rejowski, J., Beatty, R.A., Vocal cord paralysis associated with Anterior cervical fusion; considerations for prevention and treatment. J. Neurosurg., 62:657-661, 1985.
 25. Beatty, R.A., Myxomatous degeneration of the lumbar intervertebral disc Neurosurg., 16:817-819, 1985
 26. Beatty, R.A., Bulger, R.F., History of the anterior cervical fusion technique. J. Neurosurg., 17:277-280, 1985
 27. Beatty, R.A., Splitting of the optic nerve by carotid-ophthalmic artery aneurysm. J. Neurosurg., 65:560-562, 1986
 28. Beatty, R.A., Sciatica and epidural gas. Neurosurgery 21:537-540, 1987
 29. Beatty, R.A., Gas containing cyst in the epidural space. J. Neurosurg. 71:306-307, 1989
 30. Beatty, R.A., Intraoperative aneurysm rupture during the predissection stage. J. Neurol. Neurosurg. Psychiat., 53:711-712, 1990
 31. Beatty, R.A., Foraminotomy Rongeur. Spine, 16:1388-1399, 1991
 32. Beatty, R.A., The Piriformis Syndrome: A simple diagnostic maneuver. Neurosurgery, 34:512-514, 1994
 33. Beatty, R.A., The use of clip-suture in thoracic sympathectomy. J Neurosurg. 81:482, 1994
 34. Yapp, R., Gunn, L., Beatty, R.A., Glassford, H., Minimizing morbidity and mortality in the introduction of a new surgical technique: Laproscopic Cholecystectomy as a case study. Gastroenterology, 106:A35, 1994(abstract)
 35. Beatty, R.A., The Piriformis Syndrome: A simple diagnostic maneuver. Discussed In the Yearbook of Sports Medicine, 1996
 36. Beatty, R.A., The Piriformis Syndrome: A simple diagnostic maneuver. Discussed In the Yearbook of Chiropractic Medicine, 1996.

37. Beatty, R.A., Surgery for patients with central protruded lumbar discs who have failed conservative therapy. *British Journal of Neurosurgery*, August, 1996.
38. Beatty, R.A., Subdural hematomas in the elderly; experience with treatment by Trephine craniotomy and not closing the dura or replacing the bone plate. *British Journal of Neurosurgery* 1999; 13,(1):60-64
39. Beatty, R.A., Letter to Editor, Anterior discectomy: is fusion necessary?; *Journal Of Neurosurgery (Spine)*; August, 1999
40. Beatty, R.A., When one should look at all sides of the spine. *Spine Journal* 3:2003, 543-545.
41. Beatty, R.A., Piriformis Syndrome. *Journal of Neurosurgery: Spine* 5:102, 2006.
42. Beatty, R.A., Spinal Stenosis. *Journal of Neurosurgery: Spine*. Vol. 9, 2008: 229-230.
43. Beatty, R.A., Clearance of the Cervical Spine in Clinically Non-Evaluable Trauma Patients. *Spine* 36: 2011, 1165-1166.
44. Beatty, R. A., Anterior cervical fusion with tantalum implant. Letter. *Spine* 38: 369, 2013.

PRESENTATIONS:

1. Tethering of the conus medullaris within the sacrum. Presented at Chicago Neurological Society, 1965
2. Orofacial dyskinesia. Presented at Chicago Neurological Society, 1970
3. Cervical-peritoneal shunt in the treatment of pseudotumor cerebri. Paper Read at St. George's Medical School. Wimbeldon, England, August, 1982
4. Vocal cord paralysis associated with anterior cervical fusion; considerations For prevention and treatment. Paper read at Congress of Neurological Surgeons Meeting, October, 1984
5. Vocal cord paralysis associated with anterior cervical fusion; considerations For prevention and treatment. Paper read at University of Rome, Institute of Neurosurgery and at Catholic University of Rome, August, 1984
6. Myxomatous degeneration of lumbar disc. Paper read at University of Rome, Catholic University, August, 1984

7. Toothpaste extrusion of the lumbar discs. Presented at North American Spine Society, Quebec City, July 28, 1989
8. Central herniated lumbar discs. Read at St. George's Medical School, Wimbeldon, England, March, 1992
9. Surgery and/or Optional Treatments for Your Aching Back. Presented at Midwestern University, October 1, 2005.
10. Workers Compensation Patients and Spine Surgery. Presented at Oak Brook, IL. January 25, 2006.
11. Evidence Based Medicine and the Spine. Presented at Oak Brook, IL. November 28, 2007.
12. Decision Making in Spinal Surgery, Homer Glen, IL. May 22, 2008.