

*Abridged Curriculum Vitae:***ANDREW L. CARNEY, M.D**

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- 1932 - Born Chicago, Illinois
- 1953 - B.S. Degree in Biology and Chemistry.
College of Arts & Sciences, Loyola U., Chicago.
- 1954 - Externship - St Joseph's Hospital, Chicago
- 1955 - Externship - St Francis Hospital, Evanston.
- 1956 - M.D. Degree - Stritch School of Medicine,
Loyola U, Chicago.
- 1956 - Internship - 19 months rotating internship,
Cook County Hospital.
- 1958 - General Practice - 5 months. Chicago.
- Staff. Illinois Masonic Hospital, Chicago.
- 1958 - 1963 General Surgical Residency,
Cook County Hospital, Chicago.
1958 - Columbus Hospital, Chicago,
Service of Karl A Meyer, Peter A Rosi et al.
- 1959 - Services at Cook County Hospital:
anesthesia, pathology, neurosurgery (including
carotid angiography), thoracic surgery, ENT-Head &
Neck, pediatric surgery, fractures (pediatric and adult),
plastic and hand surgery, general surgery
- especially gastric and colon surgery.
- 1960-1963 - Emergency neurosurgical privileges.
- 1959- 1963 - Critical Care of Respirator and
Severely Ill Patients under E. T. Moersch
- 1959 - Dr. Carney's **first carotid endarterectomy.**
- 1963 - Private Practice - General and Peripheral
Vascular Surgery.
- 1964 - Diplomate: American Board of General Surgery.
- 1965 - Lecture: Starvation in Man and Nutrition in the
Surgical Patient - Presented on Multiple Occasions
- National & International.
- 1967 - Fellow in Cardiovascular Surgery
- Baylor U, Houston. Service of Michael DeBakey,
Denton Cooley (during first three heart trans -
plants), Stanley Crawford (thoracoabdominal aneurysms),
and George C Morris Jr (renal artery reconstruction).

- 1968 - Senior Fellow in Thoracic and Cardiac surgery, Barnes Hospital, Washington University, St Louis. Service of Thomas Burford, Thomas B Ferguson, Charles Roper, Clarence Weldon.
- 1968 - Clinical Instructor - Washington University.
- 1969 - Diplomate: American Board of Thoracic Surgery
- 1969 - 1986 Clinical Practice in Thoracic and Cardiovascular Surgery consisting primarily of **coronary bypass, peripheral vascular and neurovascular surgery.**
- 1969 - Surgical Film: **Coronary Bypass to the Left Anterior Descending And Right Coronary Artery.**
- 1974 - Established the first Neurovascular Laboratory in Illinois.
- Began the routine use of EEG and CT scans to evaluate the brain function and structure before and during neurovascular surgery.
- 1975 - Performed the first vertebral artery reconstruction at the skull base, using an end-to-end anastomosis.
- 1976 - Technical considerations for dynamic arterial imaging in the head and Neck. Demonstration of the inadequacy of current methods of angiography compared to surgical cine imaging. Presented to the engineering staff of Siemens in Erlangen, Germany and in Solna, Sweden which resulted in the engineering of a New angiographic system - the Angioscope.
- 1976 - Surgery of the Vertebral Artery: Primary Anastomoses of the First And Second Portions - Annual Meeting - American College of Surgeons, SF. Golden Eagle Award by the Council of International Non-Theatrical
- 1977 - Public Education Television Series **Consultation: The Identification of Stroke.** University of Illinois. Estimated Viewing audience: 16-20 million.
- 1977 - Vein Bypass from the Common Carotid Artery to the Vertebral Artery at the Skull Base
- first time procedure performed world wide. Reported 1978.

- 1978 - Installation of Angioscope at Oak Park Hospital
- first in North America to be followed by 1000
installations world wide.
- 1978 - First Dynamic CT Brain Scan evaluating Brain
Perfusion performed on a Neurovascular Patient of
Dr. Carney. This technique now accepted world wide
in evaluating tissue perfusion by neuroradiologists.
- 1978 - Movie: Parasternal Approach to Physiological
Pacing: A-V Sequential Cardiac Pacing.
16 mm Surgical Film.
- 1979 - Organizer of Symposium: Brain Blood Flow in the
Eighties. Lincolnshire Marriott, IL.
- 1979 - The System Concept of **Physiologic Cardiac
Pacing**. VI World Symposium on Cardiac Pacing,
Montreal.
- 1979 - **The System Approach** to Cerebrovascular
Insufficiency. Arizona Heart Institute. Phoenix.
- 1979 - Golden Eagle Award - Council of International
Non-Theatrical Events for the movie: *Vein Bypass
from the Common Carotid Artery To the Vertebral
Artery at the Skull Base*.
- 1981 - Editor and Contributor: *Diagnosis and Treatment
of Brain Ischemia:CT Brain Blood Flow, Brain
Hemodynamics and Carotid and Vertebral Artery
Surgery*. Volume 30. New York: Raven Press.
- 1983 - Founding Member: Society of Neurovascular
Surgery
- 1985 - President, Society of Neurovascular Surgery
- 1986 - Chapter 5: Blood Flow to the Brain – the
Direction of Change.
Chapter 30 - Vertebral Artery Surgery- pathology,
Hemodynamics, Techniques and Experience. In
*Extracranial Cerebrovascular Disease: diagnosis
and management*. Edited by Francis Robicsek,
MacMillan, New York.
- 1987 - Neurovascular Stress Testing - the Prediction of
Risk. International Symposium on Intracranial
Hemodynamics. Sheraton Sand Keys, Clearwater,FL
- 1989 - American Society of Neuroimaging. Certification
in Neurosonology. Lake Buena Vista, Florida.

- 1989 - Magnetic Resonance Imaging: Is it Safe?
Guest Editorial. Clinical EEG.
- 1990 - 1991 - Fellow, Magnetic Resonance Imaging.
Department of Radiology, UIC under Glen Dobben,
Galdino Valvassori and Mahmood Mafee.
- 1991 - Scientific Exhibit: Human Growth Hormone
Deficiency in Children and Magnetic Resonance
Imaging of the Pituitary and Hypothalamus.
Radiological Society of North America. Chicago.
- 1991 – UIC: **Associate Professor - Clinical.**
- 1991 - Invited speaker, International Congress on
Cerebral Vascular Insufficiency, University of
Padua, Italy.
- 1992 - Associate Professor - Department of Orthopedics.
- 1992 - Scientific Exhibit: Magnetic Resonance Imaging
of the Brachial Plexus: Anatomy, Pathology and
Surgery. Radiological Society of North America.
(RSNA92) Chicago.
- 1993 - Robert McCormick Foundation Conference
Building a Consensus on National Service.
April 21-3, 1993.
- 1993 - American College of Physician Executives
- Aug 23-27, 1993
- RSNA '93
- 1993 - Lecture Series: Magnetic Resonance Imaging of
the Spine and Musculo-Skeletal System. Department
of Orthopedics , UIC.
- 1993 - Workshop - Skull Base Surgery. Loyola U.
Rosemont. 9/22.
- 1990-98 – **Weekly Magnetic Resonance Conferences:**
Neuroradiology, Eye, ENT, musculoskeletal and
angiography.
- 1994 - Seminar: Neurological Surgery at the Skull Base.
Mariott. 9/30.
- 1994 - Radiological Society of North America
- week long meeting. Chicago
- 1995 - Ninth Int'l Cerebral Hemodynamics Symposium.
Charleston, SC. Feb 6-9, 1995.
- 1995 - Presentation: The Hemo-Dynamics of the Circle of
Willis. 9th ICBS - Charleston SC.

- 1995 - Fourth International Workshop on Cerebrovascular Surgery. Chicago Marriott Downtown, June 11-14.
- 1995 - Intramedullary Tumor of the Cervical Spinal Cord complicated by syringomyelia, edema and quadriplegia. Case presentation for discussion of management. 4th IWCVS - Chicago.
- 1995 - Vertebral Artery Reconstruction - a Review Poster exhibit. 4th IWCVS - Chicago.
- 1995 - External Carotid - Vertebral Artery Anastomosis (E-E) at C1-C2. Video VHS 4th IWCVS - Chicago.
- 1995 - Radiological Society of North America
- 1995 - Review Committee for Orthopedic Resident Applications
- 1996 - Site Visit: Hyperbaric Chamber. Edgewater Hospital. 4/18.
- 1996 - 7/25. Site Visit: Ambulatory Care Center. Naperville.
- 1996 - Lecture: Critical Care Nutrition. Edgewater MC. 8/8
- 1996 - Radiological Society of North America meeting
- 1997 - Associate Professor, UIC.
- 1997 - Radiological Society of North America meeting
- 1997 - Lecture: Blood, Bleeding and Transfusions. UIC 12/10
- 1998 - Course in Ultrasound - Society of Diagnostic Medical Ultrasonographers. Seattle. June 4-6.
- 1998 - Medical Ultrasound Meeting. Seattle Sheraton. September 9-12. U Washington.
- 1998 - RSNA '98 (Radiological Society of North America) Nov 29 - Dec 4, 1998 CME 31 hours.
- 1998-99 Various courses on computer applications.
- 1999 - July 1. Clin Associate Prof. Dept of Neurosurgery, University of Illinois at Chicago.
- 1999 - Radiological Society of North America RSNA '99 CME 27 hours
- 2000 - Society of Thoracic Surgery - Fort Lauderdale. 2/30 to 2/2/2000 CME 21 hours
- 2000 - American Society of Echocardiography - review course in intraoperative echocardiography. San Diego 2/10 to 2/13. CME 28 hrs.