

CURRICULUM VITAE

JOHN HAROLD LOSSING, M.D.

LICENSURE

Maryland
District of Columbia
North Dakota

CERTIFICATION

State of Michigan Practice Board, 1970
National Board of Medical Examiners, 1970
Board of Neurology and Psychiatry, certified in Neurology, 1977

EDUCATION

Central High School, Flint, Michigan, 1963
Flint Jr. College, 1962-1963
B.S., University of Michigan, Experimental Psychology, 1963-1966
M.D., University of Michigan, 1966-1970

TRAINING

Internship, Pediatrics, University of Minnesota, 1970-1971
Residency, Neurology, University of Michigan, 1971-1974

MILITARY SERVICE

U.S. Navy, Lieutenant Commander, 1974-1975
Consultant Neurologist, Chief, Neurology Service
Great Lakes Naval Base, Illinois
National Service Medal

U.S. Public Health Service Rank 0-4, 1975-1977
Staff Associate, Membrane Transport Section
Division of Cancer Treatment, National Cancer Institute,
National Institutes of Health, Bethesda, Maryland

Medical Officer, USCGC, Eagle
Safety Assurance Officer
Liquor Control Officer

APPOINTMENTS

Research Assistant, Neuropathology, Mental Research Institute, Ann Arbor, Michigan, 1965

Consultant in Neurology, Abbott Laboratories, Division of New Product Evaluation, North Chicago, Illinois, 1975-1976 (Part time)

Adjunct Clinical Instructor and Adjunct Vice Chairman, Chicago Medical School, Neurology Department, 1975 (Adjunct; Great Lakes Regional Medical Center, U.S. Navy)

Georgetown University, Neurology Department

Full time Staff, 1977-1979

Director Neurology Clinic, Epilepsy Clinic

Electroencephalographer

Assistant Professor, Active Staff

Clinical Assistant Professor, Active Staff, 1979-1997

Clinical Professor, 1997 to present

Quality Assurance Committee, 1978-1979

Director, Seizure Control Program and Neurology Clinic, Great Oaks State Hospital, 1977-1980

Director, Seizure Control Program and Neurology Clinic, Forest Haven State Hospital, 1972-1982

Co-Director, Georgetown University Headache Center, 1997-1998; Director, 1998-1999

George Washington University

Office of the Dean

Physicians Advisory Council, 1991-1996

Member, Stroke Map Committee, 1996-2002

Neurology Department

Clinical Assistant Professor, Clinical Staff, 1982-1992

Clinical Associate Professor, 1992-1997

Clinical Professor 1997 to present

Part Time Staff, 1982-1990

Supervisor, Resident's Neurology Clinic, 1982-1990

Chairman, Continuing Medical Education Committee, 1991-1996

Secretary, Credentials Committee, 1991-1994

Student Education Committee, 1992-1993

Co-Director, Sophomore Neurology Course, 1992-1993

Quality Assurance Committee, Neurology, 1993 to present

Chairman, 1994-1999

Member, Stroke Unit Committee, 1998-1999

Internal Medicine Department

Clinical Assistant Professor, 1988-1992

Clinical Associate Professor, 1993-2001

Part Time Supervisor, Section of Physical Medicine, EMG Clinic, 1988-1989

Lecturer, 1988-1999

George Washington University (continued)

Attending Physicians Association, Active Member to 1999
Senate Committee on Admissions and Advanced Placement, 1991-1993
Faculty Senate, 1995-1998
Faculty Senate Election Committee, 1997 to present
Parliamentarian, GWU Medical Center Faculty Senate, 2001-2007
Parliamentarian Emeritus, GWU Medical Center Faculty Senate, 2008
Speaker Resource, GWU Public Relations Department, 1985 to present

Osler Institute, Terre Haute, Indiana

Program Director, Neurology Courses, 1991-1992
Director, Neurology Review Courses, March 1991
Lecturer, Neurology Review Course, October 1990, April 1991, April 1992, January 1993,
January 1994, May 1995, etc.
Chairman, Neurology Department, 2003 to present
Director, Division of Neuroscience, 2004 to present
Provost, 2005 to present
Courtesy Staff, Sibley Hospital, 1979-1985
Associate Staff, 1985-2000*
Delegate to MSDC House of Delegates, 1992
Chief, Neurology Section, 1994-1996
Chairman, Stroke Critical Pathway Committee, 1994
Member, Ad Hoc Committee, TPA Treatment of Stroke, 1996
Member, Stroke Management Committee, 1997

Suburban Hospital Courtesy Staff, 1979-1995*

Holy Cross Hospital Courtesy Staff, 1982-1990; Consulting Staff, 1990-1996*
Washington Hospital Center Courtesy Staff, 1980-1995*
Leland Hospital Courtesy Staff, 1981-1983*
Jefferson Hospital Courtesy Staff, 1981-1983*
Shady Grove Hospital Courtesy Staff, 1981-1983*
Columbia Hospital for Women, 1993-1995*
George Washington University Hospital, 1981-2001*
Georgetown University Hospital, 1977-2001*
White River Junction, Vermont VAH, 2006 to present
Fayetteville, Arkansas, 2007**
Castle Point VAH, 2007**
Montrose VAH, 2007**
Medcenter One, Bismarck, ND, 2008

* Did not renew staff privileges due to inactivity and/or due to changed cross-coverage arrangements with other solo practitioners in the area.

**Temporary privileges incident to locum tenens.

ORGANIZATIONS

DC Medical Society

Active Member, 1977-1996

Membership Committee, 1982

Chairman, House Committee, 1985

Member, Finance Committee, ex officio House Committee, 1985

Member, Constitution and Bylaws Committee, 1987, 1993-1995

Editorial and Publications Committee, 1988

Member, Membership Committee, 1991-1992

Member, Solo Practitioner's Committee, 1991-1996

Membership, Neurology Section, MSDC, 1977-1996

Candidate for Speaker, House of Delegates, 1991

Delegate to Provisional House of Delegates/Sibley Hospital, May 1992

Member, Governance Reference Committee, Provisional House of Delegates, 1992

Member, Neurology Section Peer Review Committee, 1992-1996

Member, Third Party Payer Committee, 1993-1995

Member-At-Large, Solo Practitioner's Committee, 1993-1995

Member, Select Care Oversight Committee, 1993

Delegate/Neurology Section/MSDC House of Delegates, 1993-1996

Member-At-Large, Neurology Section, 1994-1996

Member, Ad Hoc Reference Committee on Collective Bargaining, 1993-1994

Member, Ad Hoc Reference Committee on Governance, 1993-1995

Elected Member, Strategic Long Range Planning Committee, 1993-1995

Member, Rules Committee, MSDC House of Delegates, 1993-1995

Member, Editorial Board, 1993-1995

Chairman, Ad Hoc Quality Assurance Committee, 1993-1995

Member, Ad Hoc Blue Shield Relations Committee, 1994

Chairman, Solo Practitioner Section, 1995

Speaker, MSDC House of Delegates, 1994-1995

Member, Board of Trustees, 1994-1995

MSDC Delegate Board Member, Physicians Alliance National Capital Area, 1995-1996

Candidate for President, MSDC, 1994, 1995

Chairman, Neurology Section, 1996

Epilepsy Foundation for National Capital Area, 1977-1995

Member, Professional Advisory Board, 1977-1995

Chairman, Professional Advisory Board, 1981-1985

President, Board of Directors, 1985-1987

Secretary, Board of Directors, 1987-1988

Member, Honorary Board of Directors, 1988 to present

American Academy of Neurology, 1971 to present

Active Member, 1975-1996

Fellow, 1996 to present

Member, Headache and Facial Pain Section, 1993 to present

ORGANIZATIONS (continued)

American Academy of Neurology (continued)

Member, Stroke and Vascular Neurology Section 1994 to present

National Capital Reciprocal Insurance Company

Member, NCUI, Marketing Committee, 1994-1996

National Capital Reciprocal Insurance Company Physicians Organization

Member, Marketing Committee, 1994-1998

Co-Chairman, Credentials Committee, 1994-1996

American Medical Association, 1977-1982; 1992-1995

American Society of Internal Medicine, 1985-1988

Michigan Neurological Association, 1971-1974

Chicago Neurological Society, 1974-1975

Washington D.C. Child Neurology Society, 1977-1979

Russell N. DeJong Society, 1982 to present

American Epilepsy Society, Active Member, 1977-1995

American Heart Association, Stroke Council, 1999-2005

American Medical EEG Society, 1977-1982

International League Against Epilepsy, Member, 1977-1995

American Society for Study of Headache, Member, 1979-1995, 1998-2005

International Headache Society, 1997-2005

American Institute of Parliamentarians, 1997, 1999 to present

PROFESSIONAL EXPERIENCE

Private Practice, Neurology, 1977-2001

Locum Tenens

Kaiser Permanente, September – October 2004

White River Junction, Vermont VAH, September – December 2006; April 30 – May 4 and

November 1-5, 2007; January 2-11, April 20 – May 2 and August 11-29, 2008; December 1-12, 2008

Fayetteville, Arkansas VAH, February 12 – April 10, 2007

Castle Point, New Point VAH, October 5 – December 20, 2007

Montrose, New York VAH, October 5 – December 20, 2007

MedCenter One Hospital and Clinic, Bismarck, North Dakota, September 29 – November 28, 2008

Private Practice, Bay Area Neurology, January 1, 2009 to present

PROFESSIONAL ACTIVITIES

Consultant for Neurology Practice, Pennsylvania Blue Shield/Medicare, 1985-1988
Consultant for Neurology Practice, Trailblazers Division, Texas Blue Shield/Medicare, 1998 to present
Consultant for Neurology, Social Security Administration, Disability Determination Services, Maryland and District of Columbia, 1983-2001; Virginia, 1993-2001
Consultant for Neurology, Rehabilitations Services Administration, Washington, DC, 1986 to present
Consultant Neurologist, Consultative Examinations, Inc., Chicago, Illinois, 1984-1986
Consultant, Agency for Health Care Policy and Research, Department Health and Human Services, 1992-1994
Consultant, Delmarva Pro., 1994

CIVIC ACTIVITIES

President, Latin, Shakespeare, Physics Clubs, 1961~1963
Captain, Debating Team, Flint Central High School, 1963
President, Tallpine Council, Explorer Scouts of America, 1963
President, Markley Council, University of Michigan, 1964
Delegate, Interquadrangle Council, University of Michigan, 1964
Co-Coordinator with Dr. Robert Good, International Bicentennial Reception for Tall Ships Medical Officers, "Op-Sail '76", Sloan-Kettering Memorial Hospital, July 3, 1976
Charter Member, Kensington Historical Society, 1977 to present
Volunteer Anesthesiologist, Free Rural Eye Clinics, Bolasi, Pangassian, Phillipines, January 2003

Town of Kensington, Maryland

Member, Traffic Committee, 1988

Chairman, Community Resource Committee, 1989-1990

Secretary, Local Advisory Committee, Montgomery County Historic Preservation Commission, 1988-1990

Health Officer, 1998-1999

Chairman Tree Preservation Committee, LAC, Montgomery County Historic Preservation Commission, 1988-1990

Candidate, Town Council, 1996

Ajax Condominium Association, Aspen, Colorado

Member, Board of Directors, 1987-1997

Secretary and Director, Board of Directors, 1987-1989

President, Director and Chairman, Board of Directors, 1989-1997

Potomac Plaza Cooperative Association

Member, Board of Directors, 1993 to present

Vice President, Board of Directors, 1994-1998

PUBLICATIONS

Letters and Brief Communications

- 1(a). Lossing, J.H.; Prevention of ballistic injuries by handgun control. *Flint Journal*, 1962.
- 1(b). Lossing, J.H.; Comments on Cycle Law. *Ann Arbor New*, September 27, 1965. Page 4.
2. Lossing, J.H.; Letter. Primate model for muscular dystrophy. *New England Journal of Medicine*, 1968.
3. Lossing, J.H.; Flat EEG on TV. *New England Journal of Medicine*, 1970; 283:99.
4. Lossing, J.H.; Goring by bull and Bell palsy. *J.A.M.A.*, 1974; 230:540.
5. Saper, J.R., Lossing, J.H.; Prolonged Trance-Like Stupor in Epilepsy. *Arch Intern Med.*, 1974; 134:1079-82.
6. Lossing, J.H., Fenstermacher, J.; Brain edema in *Squalus scanthias*. *Bull Mt. Desert Island Bio Lab*, 1976; 16:76-78.
7. Lossing, J.H.; Sewing machine serial sectioning. *J Amer Med Tech*, 1976; 39:32.
8. Lossing, J.H.; DC General needs a CT Scan Machine. *Washington Post*, October 10, 1979.
9. Lossing, J.H.; 25th Anniversary of the (rarely used) Longway Planetarium. *Flint Journal*, 1984.
10. Lossing, J.H.; Let doctors practice scientific medicine. *Washington Post*, 1986.
11. Lossing, J.H.; Justifying the rising cost of health care. *Washington Post*, September 20, 1988.
12. Lossing, J.H.; Liability risk of Caesarian section. *New England Journal of Medicine*, 1989; 320:1693.
13. Lossing, J.H.; Facilitating flow in Washington's arteries. *Washington Post* (Dr. Gridlock Column), February, 1990.
14. Lossing, J.H.; Vehicular traction in Aspen and Washington. *Washington Post* (Dr. Gridlock Column), February, 1990.
15. Lossing, J.H.; Deprenyl and Parkinson's disease. *Neurology*, 1991; 41:1704.
16. Lossing, J.H.; Sticking it to the troops. *The A.M.A. strikes again. MSDC Physician V. 9*, September, 1991.
17. Lossing, J.H.; Computer vendors for medical practices. *MSDC Physician V. 9*, September, 1991.
18. Lossing, J.H.; What Americans Value. *Washington Post* (Health section), December 31, 1991.
19. Lossing, J.H.; Medicare Limits CT Scan of the Head in Headache Patients. *MSDC Newsletter*, June, 1992.
20. Lossing, J.H.; Things are worse than ever. (Pertaining to problems with third party insurance companies.) *MSDC Physician V. 10*, October, 1992; p 5-6.
21. Lossing, J.H.; Things are worse than ever. Reprint in *Alabama Medicine*, 1992 in press.
22. Lossing, J.H.; Seizure emergencies. *The Advocate*. (Epilepsy Foundation for National Capital Area Newsletter.) Winter, 1992.
23. Lossing, J.H.; A Dose of Reality. *Washington Post*. February 15, 1993. p B2.
24. Lossing, J.H.; Membership Survey on Health cost economics. *MSDC Physician V. 11*, April, 1993. p 7.
25. Lossing, J.H.; Report on Computer Based Macro-Managed Care. *MSDC House of Delegates*. p 16, March 6, 1993.
26. Lossing, J.H.; Physician Payment: Fee for Time. *JAMA*, 1994; 271:425.
27. Lossing, J.H.; Practice Profiles. *New England Journal of Medicine*, 1994; 331:201-202.

PUBLICATIONS (continued)

28. Lossing, J.H.; Magnetic Resonance Imaging of the Brain and Spine. *Annals of Internal Medicine*, 1995; 121:896-897. Letter.
29. Lossing, J.H.; Why local pharmacies are checking out. *Washington Post*, November 19, 1995, p A24.
30. Lossing, J.H.; The Importance of Parliamentary Authority. *Parliamentary Journal XLII*, January 2001, p 18-20, 33.

INVITED LECTURES/PRESENTATIONS

Neurology Journal Club, University of Michigan, 1971-1973

“Differential Diagnosis of Myotonia”

“Differential Diagnosis of Dementia”

“Anti-Coagulation in Stroke”

“Use of Corticosteroid in Various Neurologic Conditions”

“Treatment of Brain Edema with Glycerol”

“Pneumoencephalograph is Overused in Demential Evaluation”

“Is Endarterectomy Ever Indicated for Prophylaxis of Stroke”

“Nitroblue Tetrazolium Test in Occult Meningitides”

“Management of Neonatal Seizures”

“Differential Diagnoses of Myopathies”

“Management of Normal Pressure Hydrocephalus”

“Interpretation of Various Methods to Test for Spinal Fluid Gamma Globulin”

“Optic Neuritis and Multiple Sclerosis”

“The Differential Diagnosis of Headache”

“Practical Differential Diagnosis of Peripheral Neuropathy”

“350 Consecutive Neurology Clinic Patients. What did they have?”

USCG Auxiliary, Chesapeake Division, 1977

“Report and Films of the Tall Ships Collision, Hamilton Bermuda, 1976”

NIH Sailing Club; USCG Auxiliary, Chesapeake Division, 1977

“Military Neurology: 1865 consecutive outpatient visits.”

Georgetown Neurology Rounds, Neurology Postgraduate Course, Georgetown University, 1978

“Convulsive Disorder Management”

“EEG’s: When to order and what does the report mean (if anything)?”

“Neurology and Infectious Disease”

“The Classic Brain Stem Syndromes”

Radio WUST

“Epilepsy Questions and Answers”, 1978

“Living with Epilepsy”, 1981

INVITED LECTURES/PRESENTATIONS (continued)

Medical Staff Neurology CME course, Aramco Hospital, Dharan, Saudi Arabia, 1983

“Diagnosis and Management of Coma”

“Entrapment Neuropathies”

Medical Staff Neurology CME course, Aramco Hospital, Sharan, Saudi Arabia, 1983 (continued)

“Diagnosis and Treatment of Headache: Newer Therapies (steroids, beta blockers, etc.)”

“Newer Anticonvulsant Drugs”

“Management of Status Epilepticus”

“Subacute and Chronic Infections of the Nervous System (with special emphasis on neurosyphilis and slow virus infection—subacute sclerosing panencephalitis)”

“Management of Parkinson’s Disease”

“Differential Diagnosis of “TIA”, migraine, variants and strokes in the young”

“General Principles of Management of Acute Traume to the Nervous System (what to do until the surgeon arrives).”

“The Intercity Transcontinental and Intercontinental Dumping Syndromes: Update.”

Charlie Rose Show: NBC, 1984

“Everything About Epilepsy.” [sic]

President’s Committee on Employment of the Handicapped, 1985

“The Physician’s Role in Assisting People with Epilepsy in Meeting Employment and Social Problems.”

Sibley Hospital Grand Rounds, 1985

“Futility of Carotid Endarterectomy in Patients with Cerebrovascular Disease: Chart Review and Analysis.”

G.W.U. Neurology Department Journal Club, 1986

“Patterns of Practice. Carotid Endarterectomy.”

Staff Inservice Training: Epilepsy Foundation for the National Capital Area, 1987

“How Neurologists Take Care of Epilepsy Patients.”

Sonia Live: CNN, 1988 (This wasn’t my idea.)

“Q and A pertaining to Barbara Crawford’s stroke”

Schlein Group. Rehabilitation Services Administration (District of Columbia), 1989

“Neurologic Conditions with the Best Hope of Rehabilitation: What to watch for.”

“Update: Epilepsy, Headache, Parkinsonism”

United Nations Session and Reception, NYC, Guest, Prime Minister of the Republic of Vanuatu

(“Bali Hai”), 1990

Osler Institute Neurology Review, Washington, DC, 1990

“Neurology Case Management”

INVITED LECTURES/PRESENTATIONS (continued)

Osler Institute Neurology Review, Houston, 1991

“Epilepsy Update”

“How to figure out Problems in Stupor and Coma Cases”

“Immunologic Aspects of Neurology”

“Headache Management”

“Stroke Management”

Osler Institute, Neurology Review Course, New Orleans, 1991

“Neurology Case Management”

Osler Institute, Neurology Review Course, Houston, 1992

“Stupor and Coma”

“Headache Management”

“Case Reviews in General Neurology”

G.W.U. Sophomore Neurology Lecture Series, 1992

“Spinal Cord Anatomy and Clinical Correlations”

“Brain Stem Anatomy and Clinical Correlations”

“Differential Diagnosis and Management of Dementia”

“Diagnosis and Treatment of Amotrophic Lateral Sclerosis”

G.W.U. Lecture to Division of Aging Studies and Services, 1992

“Update on Stroke, Parkinson’s Disease and Epilepsy”

Yater Clinic, 1992

“Update Stroke, Headache, Epilepsy”

Osler Institute Neurology Review, Houston, 1993

“Stupor and Coma.”

“Headache Management.”

“Case Reviews in General Neurology.”

George Washington Neurological Institute Grand Rounds, 1993

“Diagnosis and Treatment of Refractory Headache Cases.”

Osler Institute Neurology Review, Baltimore, 1994

“Case Reviews in General Neurology.”

“Stupor and Coma.”

“Headache Differential Diagnosis.”

“Review of Medical and Surgical Stroke Prevention.”

Sibley Hospital Grand Rounds, 1994

“Review and Report on 160 Stroke Admissions at Sibley in 1993.”

INVITED LECTURES/PRESENTATIONS (continued)

Howard University Family Practice Grand Rounds, 1994

“Acute Stroke Management.”

George Washington University Neurology Course, 1995

“Diagnosis of Seizures.”

Osler Institute Neurology Review, Washington, D.C., 1995

“Case Reviews in General Neurology.”

George Washington University Neurology Courses, 1996

“Differential Diagnosis of Acute Mental Status Change and Coma.”

“Syncope vs. Seizure vs. Hyperekplexia: Differential Diagnosis of Transient Neurological Symptoms.”

“Neurology Case Reviews: Diagnosis and Management.”

National Aeronautics and Space Administration Inservice Lecture, 1996

“Headache Fundamentals.”

George Washington University Neurology Courses, 1996

“Introduction to the Neurological Examination.”

Library of Congress Inservice Lecture, 1996

“Headache Diagnosis and Treatment.”

Sibley Memorial Hospital Medical Staff Conference, 1996

“Management of Acute Stroke with TPA.”

George Washington University Psychiatry Review Course, 1996

“Fundamentals of EEG.”

“Visual and Auditory Perceptual Disorders.”

St. Elizabeth’s Hospital Community Psychiatric Center, 1997

“Headache Differential Diagnosis and Management.”

Catholic University, 1997

“Headache Differential Diagnosis and Management.”

Library of Congress Health Unit, 1997

“Headache Differential Diagnosis and Management.”

George Washington University Neurology Course, 1997

“Diagnosis and Management of Coma.”

“Diagnosis and Management of Movement Disorders.”

INVITED LECTURES/PRESENTATIONS (continued)

Osler Institute Neurology Review Course, Secaucus, NJ, 1997

“Diagnosis and Management of Coma.”

“Ischemic Cerebrovascular Disease.”

“Hemorrhagic Cerebrovascular Disease.”

“Managing Neurological Emergencies and Trauma.”

“Differential Diagnosis of Headache.”

“Case Management in General Neurology.” (27 hours)

“Management of Delirium, Stupor and Coma.”

“Stroke Diagnosis and Management.”

“Diagnosis of Disorders Involving VII Nerve including Hearing Change and Vertigo.”

George Washington University Neurological Institute Stroke Conference, 1997

“Diagnosis and Management of Cerebellar Hemorrhage and Infarction.”

National Aeronautics and Space Administration, 1997

“Early Recognition and Management of Stroke.”

Osler Institute Neurology Review Course, New Orleans, 1998

“Management of General Neurology Cases.”

Howard University Neurology Department Grand Rounds, 1998

“Differential Diagnosis and Management of Headache.”

Department of Interior Health Unit, 1998

“New Developments in Migraine Treatment.”

Regional Consultants Meeting on Migraine, Merck Pharmaceuticals, Washington, DC, 1998

“The Pathophysiology of Migraine.”

U. S. Corps of Engineers Employee Health Series Lecture, Sponsor: Glaxo-Wellcome, 1998

“New Developments in Migraine Treatment.”

Zenica Pharmaceuticals Lecture, 1998

George Washington University Neurology Course, 1998

“Diagnosis and Management Brief Disorders of Consciousness: “Spells”.”

“Diagnosis and Management Prolonged Disorders of Consciousness: “Coma”.”

“Diagnosis and Management of Movement Disorders.”

George Washington University Psychiatry Review Course, 1998

“Fundamentals of EEG.”

“Visual and Auditory Perceptual Disorders.”

“Headache, Diagnosis and Management.”

INVITED LECTURES/PRESENTATIONS (continued)

Winchester Medical Center Grand Rounds, Winchester, VA, 1998

“Pathophysiology and Treatment of Migraine.”

Merck Lecture, 1998

“New Developments in Migraine Treatment.”

Georgetown University Otolaryngological Grand Rounds, 1998

“New Developments in Migraine Pathophysiology and Treatment.”

Georgetown University Neurology Department Resident Teaching Series, 1998

“New Developments in Migraine Pathophysiology and Treatment.”

“Diagnosis and Management in Emergency Neurology Situations.”

Georgetown University Neurology Department Student Teaching Series, 1998

“New Developments in Migraine Pathophysiology and Treatment.”

“Differential Diagnosis of Headache.”

Georgetown University Student Lectures (about 40 hours on headache), 1999

Merck Lecture, 1999

“New Developments in Migraine Treatment.”

Washington Hospital Center Ophthalmology Grand Rounds, 1999

“Molecular Biology of Migraine Pathophysiology and Treatment.”

Georgetown University Neurology/Neurosurgery Grand Rounds, 1999

“Molecular Biology of Migraine Pathophysiology.”

Georgetown University Neurology Grand Rounds, 1999

Sibley Memorial Hospital Medical Grand Rounds, 1999

“Rational Pharmacology of Headaches.”

PEPCO Employee Inservice Lecture, 1999

“Diagnosis and Treatment of Headaches.”

Hume, Virginia Lecture to Physicians, 1999

“Pathophysiology and Treatment of Headaches.”

Lecture to a group of Internists, 1999

“Molecular Biology of Migraine Influences Treatment Options.”

Lecture to a group of Internists, Youngstown, Ohio, 1999

“Pathophysiology and Treatment of Migraine.”

INVITED LECTURES/PRESENTATIONS (continued)

Lecture to Virginia Beach Community Hospital Family Practice Rounds, 1999
“Pathophysiology and Treatment of Headache.”

Georgetown University Student Lectures (about 20 hours on headache), 2000
Lecture to Virginia Beach Primary Care Physicians, 2000
“Migraine Diagnosis and Management.”

Lecture to Osler Institute Neurology Review Course, Washington, DC, 2000
“Diagnosis and Management of Stupor and Coma.”

Case Management Preceptorship for Osler Institute (39 hours of Pediatric), Washington, DC, 2000
“Neurology Differential Diagnosis and Management.”

Lecture to Ob-Gyn Grand Rounds, Washington Hospital Center, 2000
“Endocrine Aspects of Migraine Headaches.”

Lecture to a group of Internists, Canton, OH, 2000
“Migraine Diagnosis and Management.”

Lecture to a group of Internists, Norfolk, VA, 2000
“Migraine Diagnosis and Management.”

Lectures for Neurology Review Course, Osler Institute, Houston, TX, 2000
“Stupor and Coma; Headache.”

Osler Institute, 30 hours of case reviews on Adult and Pediatric Neurology, 2000
Arlington Hospital Grand Rounds, Arlington, VA, 2000
“Headache Differential Diagnosis and Treatment.”

Georgetown University Student Lectures, approximately 20 hours on headache, 2000

Osler Institute Neurology Review Course, Portland, OR, 30 hours of Adult and Pediatric Diagnosis and Management Cases, 2001

Georgetown University ENT Department Grand Rounds, 2001
“Differential Diagnosis of Dangerous Causes of Headaches.”

Osler Institute Neurology Review Course, Philadelphia, PA, 2001
“Structural Substrates of Stupor and Coma.”
“Metabolic Substrates of Stupor and Coma.”
“Ischemic Brain Disease.”
“Hemorrhagic Brain Disease.”
“Neurological Emergencies.”
“Differential Diagnosis and Management of Headache.”

INVITED LECTURES/PRESENTATIONS (continued)

Osler Institute Neurology Review Course, Philadelphia, PA, 2001 (continued)

“Diagnosis and Management of Seizure Disorders.”

40 hours of case management practicums.

Astra-Zenica Lecture.

Case practicums in Headache.

Osler Institute Neurology Review Course, Denver, CO, 2001

“Structural Substrates of Stupor and Coma.”

“Metabolic Substrates of Stupor and Coma.”

“Ischemic Brain Disease.”

“Hemorrhagic Brain Disease.”

“Neurological Emergencies.”

“Differential Diagnosis and Management of Headache.”

“Diagnosis and Management of Seizure Disorders.”

“Review of Pediatric Neurology.”

“Neurological Trama.”

15 hours of Case Management Practicums.

Georgetown University Neurosurgery Department, 2001

“Differential Diagnosis and Treatment of the Primary Headache Disorders.”

Osler Institute Neurology Review Course, New York, NY, 2002

“Structural Substrates of Stupor and Coma.”

“Metabolic Substrates of Stupor and Coma.”

“Hemorrhagic Brain Disease.”

“Neurological Emergencies.”

“Differential Diagnosis and Management of Headache.”

“Review of Pediatric Neurology.”

“Neurological Trauma.”

20 hours of Case Management Practicums.

George Washington University Medical School Course, Stupor and Coma, 2002

Osler Institute Neurology Review Course, Baltimore, MD, 2002

“Structural Substrates of Stupor and Coma.”

“Metabolic Substrates of Stupor and Coma.”

“Ischemic Brain Disease.”

“Hemorrhagic Brain Disease.”

“Neurological Emergencies.”

“Differential Diagnosis and Management of Headache.”

“Diagnosis and Management of Seizure Disorders.”

“Review of Pediatric Neurology.”

“Neurological Trauma.”

INVITED LECTURES/PRESENTATIONS (continued)

Osler Institute Neurology Review Course, Baltimore, MD (continued)
20 hours of Case Management Practicums.

Osler Institute Neurology Review Course, Seattle, WA, 2003

- “Structural Substrates of Stupor and Coma.”
- “Metabolic Substrates of Stupor and Coma.”
- “Ischemic Brain Disease.”
- “Hemorrhagic Brain Disease.”
- “Neurological Emergencies.”
- “Diagnosis and Management of Vertigo.”
- “Differential Diagnosis and Management of Headache.”
- “Review of Pediatric Neurology.”
- “Neurological Trauma.”

30 hours of Case Management Practicums.

Osler Institute Neurology Review Course, Indianapolis, IN, May 2003

- “Structural Substrates of Stupor and Coma.”
- “Metabolic Substrates of Stupor and Coma.”
- “Ischemic Brain Disease.”
- “Hemorrhagic Brain Disease.”
- “Neurological Emergencies.”
- “Differential Diagnosis and Management of Headache.”
- “Review of Pediatric Neurology.”
- “Neurological Trauma.”

45 hours of Case Management Practicums.

Osler Institute Neurology Review Course, Phoenix, AZ, January 2004

- “Structural Substrates of Stupor and Coma.”
- “Metabolic Substrates of Stupor and Coma.”
- “Ischemic Brain Disease.”
- “Hemorrhagic Brain Disease.”
- “Headache Differential Diagnosis and Treatment.”
- “Neurological Emergencies.”
- “Neurological Trauma.”

35 hours of Case Management Practicums.

Osler Institute Neurology Review Course, Boston, MA, May 2004

- “Structural Substrates of Stupor and Coma.”
- “Metabolic Substrates of Stupor and Coma.”
- “Ischemic Brain Disease.”
- “Hemorrhagic Brain Disease.”
- “Headache Differential Diagnosis and Treatment.”
- “Neurological Emergencies.”
- “Neurological Trauma.”

INVITED LECTURES/PRESENTATIONS (continued)

Osler Institute Neurology Review Course, Boston, MA (continued)
35 hours of Case Management Practicums.

Osler Institute Neurology Review Course, New Orleans, LA, June 2004
“Structural Substrates of Stupor and Coma.”
“Metabolic Substrates of Stupor and Coma.”
“Ischemic Brain Disease.”
“Neuromuscular Review.”
“Hemorrhagic Brain Disease.”
“Headache Differential Diagnosis and Treatment.”
“Neurological Emergencies.”
“Neurological Trauma.”
20 hours of Case Management Practicums.

Osler Institute Neurology Review Course, Dallas, TX, September 2004
“Structural Substrates of Stupor and Coma.”
“Metabolic Substrates of Stupor and Coma.”
“Headache Differential Diagnosis and Treatment.”
“Neurological Emergencies.”
“Neurological Trauma.”
25 hours of Case Management Practicums.

Osler Institute Neurology Review Course, Los Angeles, CA, January 2005
“Structural Substrates of Stupor and Coma.”
“Metabolic Substrates of Stupor and Coma.”
“Headache Differential Diagnosis and Treatment.”
“Neurological Emergencies.”
“Neurological Trauma.”
“Pediatric Neurology Overview for Psychiatrists.”
22 hours of Case Management Practicums.
Course Director

Osler Institute Neurology Review Course, Washington, DC, March 2005
“Structural Substrates of Stupor and Coma.”
“Metabolic Substrates of Stupor and Coma.”
“Headache Differential Diagnosis and Treatment.”
“Neurological Emergencies.”
“Neurological Trauma.”
“Pediatric Neurology Overview for Psychiatrists.”
15 hours of Case Management Practicums.
Course Director

INVITED LECTURES/PRESENTATIONS (continued)

Osler Institute Neurology Review Course, Kansas City, MO, June 2005

- “Structural Substrates of Stupor and Coma.”
- “Metabolic Substrates of Stupor and Coma.”
- “Headache Differential Diagnosis and Treatment.”
- “Neurological Emergencies.”
- “Neurological Trauma.”

28 hours of Case Management Practicums.

Course Director

Osler Institute Neurology Review Course, Chicago, IL, July 2005

- “Diagnosis and Management of Stroke.”
- “Diagnosis and Management of Multiple Sclerosis.”
- “Diagnosis and Management of Seizure Disorder.”
- “Diagnosis and Management of Movement Disorders.”
- “Diagnosis and Management of Headache and Migraine.”
- “Differential Diagnosis of Dizziness.”
- “Recognizing and Management of TIA’s.”
- “Approach to Problems with Nerve and Muscle.”

Osler Institute Neurology Review Course, Minneapolis, MN, September 2005

- “Structural Substrates of Stupor and Coma.”
- “Metabolic Substrates of Stupor and Coma.”
- “Headache Differential Diagnosis and Treatment.”
- “Neurological Emergencies.”
- “Neurological Trauma.”

20 hours of Case Management Practicums.

Course Director

Osler Institute Neurology Review Course, San Francisco, CA, January 2006

- “Structural Substrates of Stupor and Coma.”
- “Metabolic Substrates of Stupor and Coma.”
- “Headache Differential Diagnosis and Treatment.”
- “Neurological Emergencies.”
- “Neurological Trauma.”

30 hours of Case Management Practicums.

Course Director

Osler Institute Neurovascular Review Course, Philadelphia, PA, May 2006

- “Differential Diagnosis of Stroke.”
- “Anatomic Stroke Syndromes.”

Course Director

Osler Institute Neurology Review Course, Pittsburgh, PA, September 2006

- “Structural Substrates of Stupor and Coma.”

INVITED LECTURES/PRESENTATIONS (continued)

Osler Institute Neurology Review Course, Pittsburgh, PA (continued)

- “Metabolic Substrates of Stupor and Coma.”
 - “Headache Differential Diagnosis and Treatment.”
 - “Neurological Emergencies.”
 - “Neurological Trauma.”
 - “Pediatric Neurology for Psychiatrists.”
- 5 hours of Case Management Practicums.
Course Director

Osler Institute Neurology Review Course, San Diego, CA, January 2007

- “Structural Substrates of Stupor and Coma.”
 - “Metabolic Substrates of Stupor and Coma.”
 - “Headache Differential Diagnosis and Treatment.”
 - “Neurological Emergencies.”
 - “Neurological Trauma.”
 - “Pediatric Neurology for Psychiatrists.”
 - “Neurological Emergencies for Psychiatrists.”
- 35 hours of Case Management Practicums.
Course Director

Osler Institute Neurology Review Course, Tampa, FL, March 2007

- “Structural Substrates of Stupor and Coma.”
 - “Metabolic Substrates of Stupor and Coma.”
 - “Headache Differential Diagnosis and Treatment.”
 - “Neurological Emergencies.”
 - “Neurological Trauma.”
- Course Director

Osler Institute Neurology Review Course, Washington, DC, March 2007

- “Structural Substrates of Stupor and Coma.”
 - “Metabolic Substrates of Stupor and Coma.”
 - “Headache Differential Diagnosis and Treatment.”
 - “Neurological Emergencies.”
 - “Neurological Trauma.”
- Course Director

Osler Institute Neurology Review Course, New York, NY, May 2007

- “Disorders of Gait, Balance and Hearing.”

Osler Institute Neurology Review Course, Indianapolis, IN, June 2007

- “Structural Substrates of Stupor and Coma.”
- “Metabolic Substrates of Stupor and Coma.”
- “Headache Differential Diagnosis and Treatment.”
- “Neurological Emergencies.”

INVITED LECTURES/PRESENTATIONS (continued)

Osler Institute Neurology Review Course, Indianapolis, IN (continued)

“Neurological Trauma.”

20 hours of Neurology Practicums

Course Director

Osler Institute Neurology Review Course, Milwaukee, WI, September 2007

“Structural Substrates of Stupor and Coma.”

“Metabolic Substrates of Stupor and Coma.”

“Headache Differential Diagnosis and Treatment.”

“Neurological Emergencies.”

“Pediatric Neurology Overview.”

“Diagnosis and Management of Seizures.”

24 hours of Neurology Practicums.

Osler Institute Psychiatry Review Course, Milwaukee, WI, September 2007

“Structural Substrates of Stupor and Coma.”

“Metabolic Substrates of Stupor and Coma.”

“Headache Differential Diagnosis and Treatment.”

“Neurological Emergencies.”

“Pediatric Neurology Overview.”

“Diagnosis and Management of Seizures.”

Osler Institute Neurology Review Course, Portland, OR, January 2008

“Structural Substrates of Stupor and Coma.”

“Metabolic Substrates of Stupor and Coma.”

“Headache Differential Diagnosis and Treatment.”

“Neurological Emergencies.”

“Headache Differential Diagnosis.”

20 hours of Neurology Practicums.

Course Director

Osler Institute Neurovascular Review Course, Tampa, FL, February 2008

“Differential Diagnosis of Stroke.”

“Anatomic Stroke Syndromes.”

Course Director

Osler Institute Neurology Review Course, Chicago, IL, May 2008

“Structural Substrates of Stupor and Coma.”

“Metabolic Substrates of Stupor and Coma.”

“Headache Differential Diagnosis and Treatment.”

“Neurological Emergencies.”

“Headache Differential Diagnosis.”

33 hours of Neurology Practicums.

Course Director

INVITED LECTURES/PRESENTATIONS (continued)

Osler Institute Neurology Review Course, Baltimore, MD, June 2008

“Structural Substrates of Stupor and Coma.”

“Metabolic Substrates of Stupor and Coma.”

“Headache Differential Diagnosis and Treatment.”

“Neurological Emergencies.”

“Headache Differential Diagnosis.”

6 hours of Adult and Pediatric Neurology Practicums.

Course Director

Osler Institute Neurology Review Course, St. Louis, MO, September 2008

“Structural Substrates of Stupor and Coma.”

“Metabolic Substrates of Stupor and Coma.”

“Headache Differential Diagnosis and Treatment.”

“Neurological Emergencies.”

“Stroke Diagnosis and Management.”

“Headache Differential Diagnosis.”

16 hours of Adult and Pediatric Neurology Practicums.

Course Director

University of North Dakota Grand Rounds, November 2008

“Differential Diagnosis and Treatment of Headache.”

“Differential Diagnosis and Treatment of Stroke.”

CIVIC TESTIMONY

Committee on Drug Safety; Problem of delays in drug testing and approval by the FDA.

Testimony to Northern Virginia Health Planning Agency in support of Certificate of Need for installation of hospital CT scan machine for the Jefferson Memorial Hospital, 1982.

Testimony to the Senate Sub-Committee on Automobile Safety on behalf of the Epilepsy Foundation of America regarding routine air bag installation in American cars, 1987.

CIVIC TESTIMONY (continued)

DC City Council; support of Bill which would outlaw irrational physician economic profiling, 1994.

PRIOR AREAS OF RESEARCH OR EFFORT

Goldfish neuroanatomy and neurohistology. Agranov Laboratory, Mental Health Research Institute, University of Michigan, 1965.

PRIOR AREAS OF RESEARCH OR EFFORT (continued)

Liver metabolism: ornithine transcarbamylase activity in cirrhotic liver (in rat). Department of Gastroenterology, 1969.

Sodium transport activity in frog skin, affected by cystic fibrosis patient serum. Department of Pediatrics, University of Minnesota, 1971.

Experimental therapeutic modification of brain edema in various animal models. Laboratory of Experimental Therapeutics, National Cancer Institute, 1976-1977.

Dimethyl sulfoxide management of fatal brain edema. Georgetown University Hospital, 1979.

AWARDS AND DISTINCTIONS

- 1963-1966 College Honors Curriculum, University of Michigan, College of L.S. & A.
- 1966-1970 Honors Curriculum, University of Michigan Medical School
- 1991 Osler Institute Teaching Award
- 1993 Certificate of Appreciation: Founding Chairmanship of Ad Hoc Quality Assurance Committee, Medical Society of DC.
- 1995 Sibley Memorial Hospital. Chair given in appreciation for work on Stroke Quality Assurance Project.
- 1995 Presidential Certificate of Appreciation, Medical Society of DC.
- 1997 Vicencial Medal for 20 years of service to Georgetown University.
- 2008 Granted status as Parliamentarian Emeritus, George Washington University Medical Center Faculty Senate.

CME CREDITS

- 2004 52
2005 94
2006 25
2007 59
2008 54