

CURRICULUM VITAE

PERSONAL

NAME: RICHARD GLEN ELLENBOGEN, MD, FACS

CURRENT POSITION: Professor and Chairman
Theodore Roberts Endowed Chair
Department of Neurological Surgery
University of Washington

Chief, Neurological Surgery
Harborview Medical Center

Residency Director
Department of Neurological Surgery
University of Washington School of Medicine
Seattle, Washington

Co- Director
Seattle Sports Concussion Program
Seattle Children's Hospital and UW Medicine
Seattle, Washington

ADDRESS: University Of Washington Medicine
Harborview Medical Center
325 Ninth Avenue, Box 359766
Seattle, WA 98104

Phone: (206)-744-9321(HMC)
(206)-987-4525 (CHRMC)

Fax: (206) 987-3925 (CHRMC)
(206) 744-9944 (HMC)

E-mail: rge@u.washington.edu
Cell: 206-660-4179

DATE OF BIRTH: April 10, 1958

PLACE OF BIRTH: New York, U.S.A.

FAMILY STATUS: Married: Sandra Elaine Dumke, 5/16/86
Children: Rachel: 3/15/89
Paul: 9/20/90
Zachary: 7/10/93

EDUCATION

1974 – 1976 Columbia University Science Honors Program;
N.Y., N.Y.

1980 B.A. – Biochemistry
Brown University

1983 M.D. – Program in Medicine
Brown University

POSTDOCTORAL TRAINING

1984 – 1989 Neurosurgery Resident
The Children’s Hospital – Boston and
The Brigham and Women’s Hospital Program
Harvard Medical School, Boston, MA
Residency Graduation 6/30/89

1987-1998: Research Fellow: Department of Genetics
Harvard Medical School/The Childrens Hospital
(Bruce Korf, MD, PhD, mentor)

1986 Neurology, Neurosurgery and Neuropathology
Resident
The Massachusetts General Hospital
Harvard Medical School, Boston, MA

1983 – 1984 Intern in General Surgery
Walter Reed Army Medical Center
Washington, DC

ACADEMIC and HOSPITAL APPOINTMENTS

July 1, 2009 – current Residency Director
Department of Neurological Surgery
University of Washington School of Medicine
Seattle, Washington

May 2009 – current Co- Director
Seattle Sports Concussion Program
Seattle Children’s Hospital and UW Medicine
Seattle, Washington

August 1, 2008-current Adjunct Professor of Global Health-Medicine
University of Washington School of Medicine
Seattle, Washington

September 1, 2004-current	Adjunct Professor of Radiology University of Washington School of Medicine Seattle, Washington
July 1, 2004-current	Professor with Tenure Department of Neurological Surgery University of Washington School of Medicine Seattle, Washington
March 1, 2004-current	Chairman, Department of Neurological Surgery, University of Washington School of Medicine
Feb. 23, 2002- March 1, 2004	Acting Chairman, Department of Neurological Surgery, University of Washington School of Medicine
1998-Current	Theodore S. Roberts Endowed Chair in Pediatric Neurological Surgery
1998-2007	Chief, Division of Neurological Surgery Children's Hospital & Regional Medical Center Seattle, Washington 98105
1998-Current	Fellowship Director, Pediatric Neurological Surgery Seattle Children's Hospital and University of Washington. Department of Neurological Surgery
1997 – 2004	Associate Professor Department of Neurological Surgery University of Washington School of Medicine Seattle, Washington
1997 – 1999	Attending Surgeon, Children's Hospital & Regional Medical Center, Seattle, Washington
1995 - 1997	Chairman National Capital Area Neurosurgery Consortium: Walter Reed Army Medical Center and Bethesda National Naval Medical Center
1995 – 1997	Chief and Neurosurgery Residency Program Director Neurosurgery Service Walter Reed Army Medical Center Washington, DC 20307-5001
1995-1997	Neurosurgery Director and Co-Principal Investigator Department of Defense Veterans Head Injury Program

Walter Reed Army Medical Center
Washington, DC 20307-5001

Chief, Outreach Neurosurgery Clinics

- 1) West Point Military Academy, NY
- 2) Ft. Bragg, North Carolina

- 1996 - 1997 Associate Professor of Surgery (Neurosurgery)
Uniformed Services
University of the Health Sciences
Bethesda, MD
- 1989 – 1996 Assistant Professor of Surgery (Neurosurgery)
Uniformed Services University of the Health Sciences
Bethesda, MD
- 1994-1995 Assistant Chief, Neurosurgery Service
Neurosurgical Director and Co-Principal Investigator
Department of Defense
Veterans Head Injury Program
- 1989-1994 Chief, Pediatric Neurosurgery
US Army and Walter Reed Army Medical Center
Washington, DC 20307-5001
- 1989-1994 Director, Surgical Epilepsy Program
US Army and Walter Reed Army Medical Center
Washington, DC 20307-5001
- 1989-1994 Director of Neurosurgery
Department of Defense/Veteran's Affairs Head Injury Project
US Army and Walter Reed Army Medical Center
Washington, DC 20307-5001
- 1984 – 1989 Clinical Fellow in Surgery
Harvard Medical School
Boston, MA
- 1985 – 1986 Instructor in Neuroanatomy
Harvard Medical School

LICENSE/BOARD CERTIFICATION

Current Board Status: American Board of Neurological Surgery
Board Certification Certificate #92060
November 11, 1992

Certificate, The American Board of Pediatric Neurological Surgery, April 27, 1998

Fellow, American College of Surgeons, (FACS)
1994-current

1997-present

Health Professionals Quality Assurance
Physician and Surgeon
State of Washington
License No. 35342 (current)

1990 – 1997

Medical Physician and Surgeon -
Commonwealth of Pennsylvania
Certificate #MD 043057 L

1990 - 1993

Georgia Composite State Board of Medical Examiners
License #032905

1984 - 1990

Massachusetts Board of Registration in Medicine
Registration #53727

1988

Primary Exam – American Board of Neurological Surgery
American Board of Neurological Surgery

1984

National Board of Medical Examiners
Certificate #281286

HOSPITAL COMMITTEES

6/2010 – Present

Committee Member
Department of Medicine
Division of General Internal Medicine
Director of the Consultative and Hospital Medicine
Services (UWMC and HMC) Search Committee
University of Washington School of Medicine

3/2010 – Present

Board Member
Nancy and Buster Alvord Brain Tumor Center Advisory Board
University of Washington School of Medicine

10/2009 – 7/2010

Committee Member
Harborview Anesthesiology Chief Search Committee
University of Washington School of Medicine

7/2008 – 1/2010

Institute for Simulation and Interprofessional Studies (ISIS)
Board Member
University of Washington School of Medicine

2008 – 2009	Chairman/Member Harborview Medical Center Medical Director Search Committee University of Washington School of Medicine
2008 – 2009	Chairman/Member UW Medicine Neurosciences Institute Director Search Committee University of Washington School of Medicine
2008 – present	Committee Member Medical Education and Research Endowed Chair Selection Committee University of Washington School of Medicine
2007 – present	Medical School Executive Committee Steering Committee, University of Washington School of Medicine
2007 - 2008	Chairman/Member CHRMC Neurosciences Institute Director Search Committee University of Washington School of Medicine
2006 – 2009	Council on Appointments and Promotions, University of Washington School of Medicine
2006 – 2007	Chairman/Member Rehabilitation Medicine Chairman Search Committee University of Washington School of Medicine
2005 – present	Medical School Executive Committee, University of Washington School of Medicine
2005 – present	UW Medicine Marketing Committee, University of Washington School of Medicine
2003 – Present	Clinical Chairs University of Washington School of Medicine
2003 – Present	Surgical Council University of Washington School of Medicine
2003 – present	Member, Children’s Hospital Research Committee
2002 - present	Board of Trustee Member, University of Washington Physicians (UWP)
2001- present	Board of Trustee Member and Secretary Children’s University Medical Group (CUMG)
2000 – present	Member, Children’s Hospital Continuing Medical Education Committee (CME)

1999 – 2001	Member, University of Washington/Children’s Hospital & Regional Medical Center Pediatric Epilepsy Research Center (PERC)
1999 - present	Member, Children’s Hospital & Regional Medical Center, Parent Satisfaction Steering Committee
1999-present	Member, Children’s Hospital Cancer Committee
1999 – present	Member, Children’s Hospital & Regional Medical Center, Quality Improvement Program Committee
1998 - current	Member, Chairman Search Committee: Children’s Hospital Pediatric Neurology 1998 Department of Pathology 2001 Department of Surgery 2002 Department of Orthopaedic Surgery current

NATIONAL COMMITTEES AND PROFESSIONAL SOCIETIES

8/2010 – Present	Ex-Officio Member, Mackey-White Traumatic Brain Injury (TBI) Committee
3/2010 – Present	Co-Chair, National Football League (NFL) Head, Neck and Spine Medicine Committee
2010 – Present	Treasurer, American Society of Pediatric Neurosurgeons
2009 – Present	Member, Nominating Committee, American Association of Neurological Surgeons
2007–09	Member at Large, Neurosurgery PAC Board of Directors, American Association of Neurological Surgeons
2006-07	Senior Statesman, Congress of Neurological Surgery
2005-06	President, Congress of Neurological Surgery
2004 – current	Society of University Neurosurgeons
2004	President-Elect, Congress of Neurological Surgeons
2003	Vice President, Congress of Neurological Surgeons
2003-current	Chairman, Scientific and Meeting Committee, American Society of Pediatric Neurological Surgery (ASPN) 2003-2004

2001 - 2002	Chairman, Congress of Neurological Surgeons, Annual Meeting 2002 (Philadelphia, PA)
2000-2001	Chairman, Congress of Neurological Surgeons, Scientific Program, 2001 (San Diego, CA)
1999 -current	Executive Committee, Congress of Neurological Surgeons, Ex Officio (2001-2003) Executive Committee, Congress of Neurological Surgeons, Member at Large (1999-2000)
1998 - 2002	Chairman, Resident Membership Committee, Congress of Neurological Surgeons
2000	Luncheon Chairman, Congress of Neurological Surgeons, Scientific Committee, Practical Course
1995 - 2000	Scientific Program Committee, Congress of Neurological Surgeons
1998 – present	Member, Seattle Surgical Society
1998 – present	Member, Children’s Oncology Group
1998 - present	Member, Society For Research Into Hydrocephalus and Spina Bifida
1995 - 1997	Congress of Neurological Surgeons Joint Sections Programs
1995 - 1997	CME Chairman of Committee on Education AANS/CNS
1995 - 1997	Liaison, Joint Committee on Education CNS and AANS
1996	Congress of Neurological Surgeons Congress Meeting: Poster Chairman
1996 - present	Member, Joint Section on Pediatric Neurological Surgery, AANS/CNS
1994 – present	Society for Research into Hydrocephalus and Spina Bifida
1991 - 1996	Washington Academy of Neurosurgery
1990 - 1996	Pediatric Oncology Group (POG), Member
1995	Program Director, Joint Committee on Tumors -

	Tumor Symposium, Congress of Neurological Surgeons Meeting
1993 - present	American Association of Neurological Surgeons
1992 - present	Member, Congress of Neurological Surgeons and American Academy of Neurological Surgeons Joint Committee on Tumors
1990 - 1993	Member, Congress of Neurological Surgeons and American Academy of Neurological Surgeons Joint Committee on Education
1990 - present	Congress of Neurological Surgeons, Member
1989 - present	Joint Section on Spine, AANS/CNS
1985 - 1989	Congress of Neurological Surgeons Resident Section
1983 - 1985	Sigma XI Research Society

NATIONAL and LOCAL TEACHING RESPONSIBILITIES

2010	Chief Proctor, American Board of Neurological Surgery Primary Examination, National Board of Medical Examiners
2009	Guest Examiner, American Board of Neurological Surgeons
2008-Present	Preceptor/Clinical Trainer MEDEX Northwest Physician Assistant Program University of Washington School of Medicine
1997-current	Director and Instructor (Developed Course): Cerebral Vascular Anastomosis Laboratory Congress of Neurological Surgeons
1992-1997, 2003	Instructor, USUHS Spine Research and Education Foundation and Uniformed Services University of the Health Sciences (USUHS), Bethesda, MD
1988-1989	Instructor, USUHS American College of Surgeons Advanced Trauma Life Support
1990-1994	Instructor, WRAMC American College of Surgeons

Advanced Trauma Life Support

1986-1987 Instructor, The Brigham and Women's Hospital
American College of Surgeons Advanced Trauma Life Support

PUBLIC SERVICE

2009-Present HEADSTRONG, Board of Trustees, Traumatic Brain Injury Association

2008- current Consultant, Brain Injury Association of Washington

2007- present Hydrocephalus Association

2007- present Chiari and Syringomyelia Foundation Medical Board

1998 – 2003 Medical Director and Executive Board Member, 'Think First' (Nonprofit Community Safety Group for Traumatic Brain Injury)

1997 – present Medical Advisory Board, American Syringomyelia Alliance Project (ASAP)

MILITARY SERVICE and AWARDS

1989-1997:

US Army, Lieutenant Colonel, Honorable Discharge 9/30/97
Bronze Star Medal – (XVIII Airborne Corp: Operation Desert Storm)
Air Assault Airborne Badge (101st Airborne Division)
Meritorious Service Medal
Army Commendation Medal with oak leaf cluster
Army Achievement Medal with oak leaf cluster
Liberation of Kuwait Award
National Defense Service Medal with 3 Stars
Army Reserve Medal with 10 years service

Commander, 252nd Medical Detachment (Ft Meade- IIIrd Army)
Commander, KE Team (Mobile Neurosurgical Team- Operation Desert Shield/Storm-XIII Airborne Corp)

AWARDS

2009 'Top Doctor Award', *Seattle Metropolitan Magazine*.
August 2009

2008 'Top Doctor Award', *Seattle Magazine*. September 2008

- 2008 ‘Top Doctor – Golden Stethoscope Award’, *Seattle Metropolitan Magazine*. August 2008
- 2007 ‘Top Doctor Award’, *Seattle Magazine*. September 2007
- 2003 Special Scientific Honoree: Annual Foundation Charity Gala: American Syringomyelia Alliance Project, PNC Bank Arts Center, New Jersey, March 2003
- 2001 Outstanding Alumni Award: Brigham and Women’s Hospital, Harvard Medical School, Boston, MA. 2001
- 1996-1997 “A” Designee-US ARMY; Top Neurosurgeon
Academic Consultant
Surgeon General
Department of Defense
- 1989 Sidney Farber Award
Outstanding Physician Award
The Children’s Hospital/Longwood Medical Area
Harvard Medical School
- 1978-1983 US Army Award: Health/Physician Scholarship Program
HPSP-(College/Medical School)
- 1977 Research Award - Parkinson’s Disease Foundation
Fellow, Department of Neurology
Columbia University,
College of Physicians and Surgeons

VISITING PROFESSOR

Medical College of Georgia, Division of Neurosurgery, 1995
University of Rochester, Rochester, NY, 1997
The Emory Clinic and Hospital, Atlanta Georgia, February 2001.
Children’s Hospital/ Brigham and Women’s Hospital/ Harvard Medical School
June 2001
Weill Medical College of Cornell University, New York City, NY, August 2005
University of Utah, Salt Lake City, Utah, Pediatric Neurosurgery, November 2006
Walter Reed Army Medical Center, USUHS, Hugo Rizzoli Lecture in Neurosurgery,
Bethesda, MD, November 2006
Cleveland Clinic, Cleveland, OH, Gardner Lecture, May 2007
Stanford University Medical Center, Stanford, CA, March 2008
Vanderbilt University Medical Center, Nashville, TN, September 2010

NEUROSURGERY RESIDENT TRAINEES: Current location

2011	Jeffrey Mai, MD, PhD	University of Washington
2011	Mahesh Karandikar, MD, PhD	
2010	Leila Khorasani, MD	Chicago, Illinois
2010	Patrik Gabikian, MD	Chicago, Illinois
2010	Abhineet Chowdhary, MD	Los Angeles, California
2009	Chong Lee, MD, PhD	Seattle, Washington
2009	Mikhail Gelfenbeyn, MD, PhD	Seattle, Washington
2007	Thomas Manning, MD, PhD	Boise, Idaho
2006	David Lundin, MD	Renton, Washington
2006	Alex Mohit, MD, PhD	Tacoma, Washington
2005	Farrokh Farrokhi, MD	Seattle, Washington
2005	Daniel A. Lazar, MD	Seattle, Washington
2005	Andrew Nemecek, MD	Portland, Oregon
2005	Fangyi Zhang, MD	Seattle, Washington
2004	Ali Mesiwala, MD	Pomona, California

NEUROSURGERY FELLOWSHIP TRAINEES: Current location

2011-Present	Tarik Radwan, MD	University of Washington
2011-Present	Noojan Kazemi, MD	University of Washington
2011-Present	David Bauer, MD	University of Washington
2011-Present	Farzana Tariq, MD	University of Washington
2010-2011	Timothy Lucas, MD, PhD	
2010-2011	Salvatore Di Maio, MD	
2010-2011	Toba Niazi, MD	
2010-2011	Nicholas Qandah, DO	

2010-2011	Gareth Adams, MD	
2009-2010	Nathan Nair, MD	University of Washington
2009-2010	Patrik Gabikian, MD	University of Chicago
2009-2010	Brent O'Neil, MD	University of Washington
2008-2011	Dinesh Ramanathan, MD	Duke University
2008-2010	Manuel Ferreira, MD	University of Washington
2008-2009	Carlo Giussani, MD	Milan, Italy
2008-2009	Jeremy Ciporen, MD	Atlanta, Georgia
2008-2009	Amir Kershenovich, MD	Dallas, Texas
2008-2009	W. Bradley Jacobs, MD	Toronto, Ontario, Canada
2007-2008	Samuel Browd, MD, PhD	University of Washington
2007- Present	Tanya Filardi, MD	University of Washington
2007-2008	Andrei Mikheev, PhD	Edinburg, Scotland
2007-2008	Delmore Morsette, MD, PhD	Los Angeles, California
2006-2007	Adam Hebb, MD	Seattle, Washington
2005 -2006	Sudesh Ebenezer	Olympia, Washington
2004-2005	Stephanie Greene, MD	University of Pittsburgh
2003-2004	Tord Alden, MD	Children's Memorial Hospital, Chicago IL
2002-2003	Kevin Stevenson, MD	Children's Health Care System, Atlanta, GA
2001-2002	Gerald Grant, MD	Duke University
2000-2003	Marcelo Vilela, MD	Belo Horizonte, Brazil
2000-2001	Saadi Ghatan, MD	Columbia University
1999-2000	Anthony M. Avellino, MD	University of Washington

INTERNATIONAL:

2011-12	Sergey Abeshaus, MD	
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2011-12	Victor Correa Correa, MD	Mexico City, Mexico
2011	Alessandra Mantovani, MD	Modena, Italy
2010-11	Francisco Ponce Guerrero, MD	Mexico City, Mexico
2010-11	Radovan Mijalcic, MD, PhD	Belgrade, Serbia
2010-11	Michael Herbas Rocha, MD	Mexico City, Mexico
2010-11	Rabindranath Garcia Lopez, MD	Mexico City, Mexico
2010-2011	Tingzhong Wang, MD	Liaoning, P.R. China
2009	Shengzhong Tao, MD	Henan Province, P.R. China
2009	Sudipta K. Mukherjee, MD	Bangladesh, India
2009	Juan Sabastian Lopez, MD	Mexico City, Mexico
2009	Victor Garcia-Navarro, MD	Guadalajara, Mexico
2008	Kevin Petrecca, MD	Montreal, Quebec, Canada
2008	Jose Ernesto Ledesma Gonzalez, MD	Mexico City, Mexico
2008	Juan Lopez Cuesta, MD	Mexico City, Mexico
2002-2003	Oleg Pak, MD	Vladivostok, Russia
1999-2000	Matthew Chang	Taiwan

MENTEES:

Current location

2004 - Present Omid Veiseh, PhD University of Washington

**RESEARCH FUNDING and RESEARCH COMMITTEES in Chronological Order
(*denotes active grants)**

1. Principal Investigator: Cine Mode MRI Techniques in Evaluating Chiari Malformations and Syringomyelia, 1989-1991: WRAMC Research Fund Grant (\$30,000.00)
2. Co-Principal Investigator: Rigid Skeletal Fixation of the Immature Craniofacial Skeleton – U.S. Army Medical Research and Development Command Grant; 1991-1995: 951021/725742/R/104 (\$288,000)

3. Neurosurgical Director and Investigator (Co-Principal-WRAMC): Traumatic Brain Injury, A Joint DOD/VA Multicenter Randomized Study. MDA 905-92-Z-0003 (Funding 1992-1997: \$5,600,000/5 years)
4. NIH Consensus Committee and Consensus Report on Syringomyelia -1994
5. Principal Investigator: Children's Hospital Craniofacial Foundation Grant. "Posterior Plagiocephaly" \$5,000, 1999-Current*
6. Investigator. Pediatric Brain Tumor Clinical Trials Consortium. NIH/NCI 1 U01 CAB1454-01 (PI: JR Geyer). (\$101,004: 5/1/99-4/30/04)*
7. Investigator: "Combating Drug Resistance in Pediatric Brain Tumors" ACS RSG CCE-102371. (PI: MS Bobola). (\$950,000: 7/2001 – present)*
8. Investigator: "Are Fibromyalgia and Chiari I Malformation Related?" R01 NIH 91-6001537. RG Ellenbogen, 30%. (P.I.: D. Buchwald, 15%). (\$1,247,312: 4/1/02-3/31/06)*
9. Co-Principal Investigator: "Molecular Imaging Diagnosis and Treatment of Medulloblastoma." N01-CO-37122. Olson, James, Ellenbogen, RG, Sze, Ray; Zhang, Miquin; and Andrew Hallahan (\$1,692,593: 9/30/03-9/29/06)
10. Co-Principal Investigator: "Magnesium Sulfate for Neuroprotection After Brain Trauma." R01 NS19643-21. RG Ellenbogen, 10%. (P.I.: N. Temkin) (\$988,516: 9/01/2004-8/31/2005)*
11. Investigator: "CPP Management Information Feedback and Nursing." R01 NR004901-04A2. RG Ellenbogen, 2% (P.I.: Pamela H Mitchell, PhD) (\$278,089 yearly)*
12. Co-Principal Investigator: "Nanotechnology platform for pediatric brain cancer imaging and therapy". The developmental aims of this proposal are to 1) Develop a tumor targeted dual MR and optical contrast agent that will negotiate the blood brain barrier to enable presurgical planning and intraoperative visualization of tumor margins in mouse flank and intracranial models; 2) Evaluate pharmacokinetics, biodistribution, extravasation, intratumoral distribution, and toxicity of developed system to determine optimal preparation; 3) Complete preclinical research and development of best nanoparticle system for presurgical planning and intraoperative visualization of pediatric brain. 1R01CA119408-01 8/1/2005-7/31/2009 NIH/NCI (Zhang, Miquin; Olson, James; Ellenbogen, RG)
13. Co-Principal Investigator: "Multifunctional nanovector for diagnosis and treatment of pediatric brain cancer". The major goal is to develop biopolymer based multifunctional nanovectors for effective DNA delivery. Specific aims of the proposed research are to (1) design, synthesize, characterize the nanovector core-shell structure immobilized with targeting agents, and validate its optical and MR contrast capability; (2) apply the optimal tumor targeted MRI/NIRF nanoconjugate to deliver therapeutic DNA encoding BMP-2 and study its efficacy

- in gene transfection and inducing apoptosis *in vitro*; (3) validate and quantify nanovector cell targeting, transfection, apoptosis, toxicity, biodistribution *in vivo* in mouse flank and intracranial models of medulloblastoma. R01EB006043 9/1/2007-5/31/2011 NIH/NIBIB (Zhang, Miquin; Olson, James; Ellenbogen, RG)
14. Co-Principal Investigator: “Nanovectors for brain tumor diagnosis and treatment Specific aims of the proposed research are to 1) Synthesize and characterize tumor-targeted MR and/or optical nanoconjugates for siRNA delivery; 2) Evaluate and optimize nanovectors for siRNA delivery *in vitro* against commercially-available siRNA delivery methods; 3) Demonstrate nanovector siRNA delivery in medulloblastoma *in vitro* and *in vivo* against commercially-available siRNA delivery methods. R01 CA134213-01A1 9/1/2007-8/31/2012 NIH/NCI (Zhang, Miquin; Olson, James; Ellenbogen, RG)

EDITORIAL DUTIES:

1. Editorial Board: **Neurosurgery**
Principal Editor: **Science Times**
Section Editor: **Concepts and Innovations**
2. Ad hoc, Reviewer: **Journal of Neuro-Oncology, Pediatric Neurosurgery, New England Journal of Medicine**
3. Editorial Board: **Perspectives in Neurological Surgery**
4. Guest Editor, **Seminars in Neurosurgery**, Volume 13, Number 1, March 2002, Pediatric Neurosurgery for the General Neurosurgeon

BIBLIOGRAPHY

Books:

1. **Clinical Neurosurgery**. **Ellenbogen RG**, Associate Editor, Baltimore, MD; Williams and Wilkins, 1989.
2. **SANS**: The Congress of Neurological Surgeons and American Association of Neurologic Surgeons, **Ellenbogen RG**, Associate Editor, 1990.
3. **Principles of Neurosurgery**. (Basic Textbook of Neurological Surgery) Edited by **Ellenbogen, RG** and Setti S. Rengachary; Elsevier Publishing. London, Great Britain, 2004.

PEER REVIEWED PUBLICATIONS

1. Pueschel SM, Mendoza TP, **Ellenbogen RG**. Partial Trisomy 21. *Clin. Genics* 18:392-395, 1980.

2. Pueschel SM, Boylan J, **Ellenbogen RG**. Studies on Experimentally Induced Hyperphenylalanemia. *J. Ment. Defic. Res.* 32:309-19, 1980.
3. **Ellenbogen RG**, Goldmann DA, Winston KR. Group B Streptococcal Infections of the Central Nervous System in Infants with Myelomeningocele. *Surg. Neuro.* 29:237-42, 1988.
4. **Ellenbogen RG**, Kupsky WJ, Winston KR. Tumors of the Choroid Plexus in Childhood. *Neurosurgery* 25:327-335, 1989.
5. Moore MR, Black PMcL, **Ellenbogen RG**, Gal CM, Eldredge EA. Stereotactic Craniotomy; Methods and Results Using the Brown-Roberts-Wells Stereotactic Frame. *Neurosurgery* 25:572-578, 1989.
6. Rossitch E Jr., Carrazana EJ, **Ellenbogen RG**, Alexander E 3rd. Kluver-Bucy Syndrome Following Recovery from Transtentorial Herniation. *Br. J. Neurosurg.* 3(4):503-506, 1989.
7. Maxwell M, Karacostas D, **Ellenbogen RG**, Brzezinski A, Zervas NT, Black PM. Precocious Puberty Following Head Injury. Case Report. *J Neurosurg.* 1990 Jul;73(1):123-9.
8. Slave I, **Ellenbogen RG**, Jung WH, Vawter GF, Kretschmar C, Crier H, and Korf B. Myc Gene Amplification and Expression in Primary Human Neuroblastoma. *Cancer Res* 50(5):1459-63, 1990.
9. Maurer PK, **Ellenbogen RG**, Ecklund J, Simmonds GR et al. Cervical Spondylitic myelopathy: Treatment with Posterior Decompression and Luque Rectangle Bone Fusion. *Neurosurgery* 28(5):680-684, 1991.
10. **Ellenbogen RG** and Scott MR. Technical Notes - Transfalcine Approach to a Callosomarginal Artery Aneurysm. *Neurosurgery* 29(1):140-143, 1991.
11. Armonda RA, Citrin CM, Foley KT and **Ellenbogen RG**. Quantitative Cine-Mode MRI of Chiari I Malformations: An Analysis of CSF Dynamics. *Neurosurgery* 35(2):214-224, 1994.
12. Zeidman SM, **Ellenbogen RG**, Ducker TB. Intradural Tumors. *Sem Spine Surg* 7(4):279-294, 1995.
13. Ford G, Jabbari B, Marino C, Erickson M, Osenbach R, and **Ellenbogen RG**. Magnetic Evoked Potentials in Intramedullary Lesions. *Neurology.* 46:185, 1996.
14. Jabbari B, Ford GC, and **Ellenbogen RG**. Somatosensory Status Epilepticus (SSSE) in Complex Partial Epilepsy. *Epilepsia*, Vol. 37, Suppl 5, 1996.

15. Zeidman SM, Ling GS, Ducker TB, **Ellenbogen RG**. Clinical Applications of Pharmacologic Therapies for Spinal Cord Injury. *J Spinal Disord.* 1996 Oct;9(5):367-80.
16. Jorgenson DS, Mayer MH, **Ellenbogen RG**, Centeno JA, Johnson FB, Mullick FG, Manson PN. Detection of titanium in Human tissues After Craniofacial Surgery. *Plast Reconstr Surg* 99(4):976-9, 1997.
17. **Ellenbogen RG** and Moores LE. Endoscopic Management of a Pineal and Suprasellar Germinoma with Associated Hydrocephalus: Technical Case Report. *Minim. Invas. Neurosurgery.* 40:13-16, 1997.
18. **Ellenbogen RG** and Ecklund J. Transcortical Surgery for Lateral Ventricular Tumors in *Techniques in Neurosurgery*, Vol. 4(1):43-57, 1998.
19. Polly DW, Orchowski JR, **Ellenbogen RG**. Revision pedicle screws: bigger, longer, shims, what is best? *Spine.* 23(12):1374-1379, 1998.
20. Moskowitz D, Shurtleff DB, Weinberger E, Loeser J, **Ellenbogen RG**. Anatomy of the Spinal Cord in Patients with meningocele with and without hypoplasia or hydromyelia. *Eur J Pediatr Surg* 8, Suppl I:18-21, 1998.
21. Avellino AM, Britz GW, McDowell JR, Shaw DW, **Ellenbogen RG**, Roberts TS. Spontaneous Resolution of a Cervicothoracic syrinx in a Child. *Pediatric Neurosurgery* 30:43-46, 1999.
22. Gruss JS, Whelan MF, Rand RP, **Ellenbogen RG**. Lessons Learnt from the Management of 1500 Complex Facial Fractures. *Ann Acad Med Singapore* 28:677-686, 1999.
23. Liu SL, Shurtleff DB, **Ellenbogen RG**, Loeser JD, Kropp R. 19-Year Follow-Up of Fetal Myelomeningocele Brought to Term. *Eur J Pediatr Surg* 9, Suppl 1:1-3, 1999.
24. Williams JK, **Ellenbogen RG**, Gruss JS. State of the Art in Craniofacial Surgery: Nonsyndromic Craniosynostosis. *Cleft Palate & Craniofacial Journal* 36(6):471-485, 1999.
25. Ecklund JM, Mauer PK, **Ellenbogen RG**. Cerebral abscess after presumed superficial periorbital wound. *Military Medicine.* 164(6):444-445, 1999.
26. Grant GA, Avellino AM, Loeser JD, **Ellenbogen RG**, Berger MS, Roberts TS. Management of Intrinsic Gliomas of the Tectal Plate in Children. *Pediatric Neurosurgery.* 31:170-176, 1999.
27. **Ellenbogen RG**, Gruss JS, Cunningham ML. Update on Craniofacial Surgery: the differential diagnosis of lambdoid synostosis and plagiocephaly. *Clin Neurosurg* 2000 47:303-318.

28. **Ellenbogen RG**, Armonda RA, Shaw DW, Winn HR. Toward a rational treatment of Chiari I malformation and syringomyelia. *Neurosurg. Focus.* 8:1-10, 2000.
29. Prahinski JR, Polly DW Jr., McHale KA, **Ellenbogen RG**. Occult Intraspinal Anomalies in Congenital Scoliosis, in *Journal of Pediatric Orthopaedics* 20:59-63, 2000.
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ABSTRACTS and PRESENTATIONS

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59. **Ellenbogen RG**. (Moderator) Pediatric Spine Surgery: Management Issues and Controversies. Congress of Neurological Surgeons Annual Meeting, San Diego, CA September 29-October 4, 2001.
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62. **Ellenbogen, RG**. Microvascular Reconstruction. Congress of Neurological Surgeons 52nd Annual Meeting, Philadelphia, Pennsylvania, September 21-26, 2002.
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69. **Ellenbogen RG.** Microvascular Surgical Techniques. Congress of Neurological Surgeons 53rd Annual Meeting, Denver Colorado, October 18-23rd, 2003.
70. **Ellenbogen RG.** (Moderator) Chiari Malformation: Evolving Indications for Management and Surgery. Congress of Neurological Surgeons 54th Annual Meeting. San Francisco, CA, October 16-21, 2004.
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73. **Ellenbogen, RG.** Management of Moya Moya Disease. The 6th Annual International Congress on Cerebral Revascularization, St. Louis, MO, January 12-15, 2006.
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 78. **Ellenbogen RG**. Living with Hydrocephalus Since Childhood. 2006 Hydrocephalus Association Conference, Baltimore, MD May 26-28, 2006.
 79. **Ellenbogen RG**. Failed Chiari Surgery. 2006 American Syringomyelia Alliance Project (ASAP) Conference, Denver, CO, July 19-22, 2006.
 80. **Ellenbogen RG**. Neurosurgical Triage. North Central Region EMS and Trauma Care Conference, Wenatchee, WA, September 30, 2006.
 81. **Ellenbogen RG**. Surgical Approaches to the Brain Stem, 1st Annual CNS 3-D Surgical Anatomy Course for Senior Residents, St. Louis, MO, August 10-13, 2006.
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 83. **Ellenbogen RG**. Advancing Emergency Medical Care in Rural Area. IOM of the National Academies, Salt Lake City, Utah, September 7, 2006.
 84. **Ellenbogen RG**. Rapid Response Communities: Bridging the Gap, Wenatchee, EMS & Trauma Conference 2006, Wenatchee, Washington, September 29-October 1, 2006.
 85. **Ellenbogen RG**. Neurological Triage, North Central Region EMS & Trauma Care Conference, Wenatchee, Washington, September 30, 2006.
 86. **Ellenbogen RG**. Molecular Imaging: The Future of Neurosurgical Navigation, Annual CNS 2006, Chicago, IL, October 7-12, 2006.
 87. **Ellenbogen RG**. Paediatric Posterior Fossa Tumours: Medulloblastoma: Advances in Management and Prognosis, European Congress of Neurosurgery, Glasgow, UK, September 2-7, 2007.

88. **Ellenbogen RG.** Paediatric Skull Base and Spine, European Congress of Neurosurgery, Glasgow, UK, September 2-7, 2007.
89. **Ellenbogen RG.** Neurosurgical Practice Development, Negotiation and Liability: Acute Care Specialization: Good or Bad, Congress of Neurological Surgery 2007 Annual Meeting, San Diego, CA, September 13-19, 2007.
90. **Ellenbogen RG.** The Grown-Up Children: Taking Care of the Adult 'Pediatric' Patient, Congress of Neurological Surgery 2007 Annual Meeting, San Diego, CA, September 13-19, 2007.
91. **Ellenbogen RG.** Digital Masters Video Symposium: Potential Strategies: Airline or Government Approach – Mandatory Age of Retirement Regardless of Volume, Skill, Outcomes, Congress of Neurological Surgery 2007 Annual Meeting, San Diego, CA, September 13-19, 2007.
92. **Ellenbogen RG.** Fantastic Voyage: Surgery for the Third Millennium, Alumni Symposium, Seattle Children's Hospital and Regional Medical Center, Seattle, WA, September 28-29, 2007.
93. **Ellenbogen RG.** Treatment of Pediatric Malignant Tumors, 66th Annual Meeting Japan Neurosurgical Society, Tokyo, Japan, October 3-5, 2007.
94. **Ellenbogen RG.** American Cancer Society: Legacy and Leadership 2008, Research Award Event, University of Washington Don James Center, Seattle, WA, March 13, 2008.
95. **Ellenbogen RG.** AO Principles of Operative Treatment of Craniomaxillofacial Trauma and Reconstruction, 'Management of CSF Leak, Acute Brain Swelling, and Hydrocephalus', W Hotel Seattle, Seattle WA, March 15-16, 2008.
96. **Ellenbogen, RG.** University of Washington School of Medicine, Hubio 532 'Human Nervous System'. Seattle, WA, April 30, 2008.
97. **Ellenbogen RG.** Brain Injury Association Seminar for Attorneys/Brain Injury Association of Washington, 'Medical Overview of Traumatic Brain Injury: Brain Anatomy and Function, Mechanics of Brain Trauma and Diagnostic Techniques', Washington State Convention and Trade Center, Seattle, WA, June 6, 2008.
98. **Ellenbogen RG.** Hydrocephalus Association Conference, 'Adults Who Were Treated in Childhood, Including First Generation' Park City, Utah, June 20, 2008.
99. **Ellenbogen RG.** Hydrocephalus Association Conference, 'Adults Who Were Treated in Childhood' Park City, Utah, June 20, 2008.
100. **Ellenbogen RG.** Hydrocephalus Association Conference, 'The Current State of Healthcare in the U.S.' Park City, Utah, June 20, 2008.

101. **Ellenbogen RG.** 5th Congress of the Croatian Neurosurgical Society and the Joint Meeting with the Congress of Neurological Surgeons, ‘ Novel Approaches to the Pineal Region’, Dubrovnik, Croatia, September 2-5, 2008.
102. **Ellenbogen RG.** Congress of Neurological Surgeons 2008 Annual Meeting, ‘Surgical Approaches to the Ventricular System’, Orlando, Florida, September 18-25, 2008.
103. **Ellenbogen RG.** Congress of Neurological Surgeons 2008 Annual Meeting, ‘Head Injuries in Sports’, Orlando, Florida, September 18-25, 2008.
104. **Ellenbogen RG.** Congress of Neurological Surgeons 2008 Annual Meeting, ‘Emergency Coverage, Acute Care Surgery, and the Neurosurgeon’, Orlando, Florida, September 18-25, 2008.
105. **Ellenbogen RG.** Congress of Neurological Surgeons 2008 Annual Meeting, ‘Presentation to the Founder’s Laurel Recipient’, Orlando, Florida, September 18-25, 2008.
106. **Ellenbogen RG.** Congress of Neurological Surgeons 2008 Annual Meeting, ‘Chiari I Controversies’, Orlando, Florida, September 18-25, 2008.
107. **Ellenbogen, RG.** Update in Cerebrovascular Disease Course, ‘Surgical Options for the Treatment of Moyamoya, Including Children’, Seattle, WA, October 3, 2008.
108. **Ellenbogen, RG.** Northwest Research and Education Institute: The Chiari Conference: Exploring Chiari and Related Disorders, ‘Novel Treatments for the Failed Chiari/Syringomyelia Operation’, Billings, MT, October 17, 2008.
109. **Ellenbogen, RG.** Barrows Neurological Institute: CO₂ Laser Neurosurgery: Its Back. ‘Use of Flexible-Fiber Mediated CO₂ Energy Delivery in Adult and Pediatric Congenital Neurosurgery’. Phoenix, AZ, December 12-13, 2008.
110. **Ellenbogen, RG.** Barrows Neurological Institute: CO₂ Laser Neurosurgery: Its Back. ‘CO₂ Laser Neurosurgery – Where to From Here?’. Phoenix, AZ, December 12-13, 2008.
111. **Ellenbogen, RG.** Saint Louis University Practical Anatomy and Surgical Education. The 2nd World Congress on Cerebral Revascularization.; ‘Microvascular Anastomosis’. St. Louis, MO, January 8-11, 2009.
112. **Ellenbogen, RG.** Saint Louis University Practical Anatomy and Surgical Education. The 2nd World Congress on Cerebral Revascularization. Laboratory I: ‘Microvascular Anastomosis – Suturing Techniques’. St. Louis, MO, January 8-11, 2009.

113. **Ellenbogen, RG.** Saint Louis University Practical Anatomy and Surgical Education. The 2nd World Congress on Cerebral Revascularization.; Laboratory II: 'Microvascular Anastomosis: Hands-On Micro-Suturing Techniques on Live Rats'. St. Louis, MO, January 8-11, 2009.
114. **Ellenbogen, RG.** University of Washington Department of Neurology Grand Rounds. 'Neurosurgery in Difficult Locations: The Case for Pineal Region Surgery' Seattle, WA, February 26, 2009.
115. **Ellenbogen, RG.** Joint Meeting of the Israel and Hellenic Neurosurgical Society. 'Neurosurgery in Difficult Locations: The Case for Pineal Region Surgery'. Dead Sea, Israel, March 4-7, 2009.
116. **Ellenbogen, RG.** Joint Meeting of the Israel and Hellenic Neurosurgical Society. 'Surgical Management of MoyaMoya in Children'. Dead Sea, Israel, March 4-7, 2009.
117. **Ellenbogen, RG.** University of Washington School of Medicine, Hubio 532 'Human Nervous System'. Seattle, WA, April 10, 2009.
118. **Ellenbogen, RG.** St. Joseph Medical Center, Neurological Sciences Grand Rounds, 'Chiari Malformation: Myth & Reality', Tacoma, WA, April 21, 2009.
119. **Ellenbogen, RG.** Aero Methow Medical Center, 'Structure and Function of the UW Department of Neurological Surgery', Methow Valley, WA, June 27, 2009.
120. **Ellenbogen, RG.** Aero Methow Medical Center, 'Chiari Malformation', Methow Valley, WA, June 27, 2009.
121. **Ellenbogen, RG.** Seattle Children's Research Institute 'Center for Integrative Brain Research, 'Neurological Surgery in the Next Millenium', Seattle, WA, August 21, 2009.
122. **Ellenbogen, RG.** XIV World Congress of Neurological Surgeons 'Germ Cell Tumors', Boston, MA, August 31, 2009.
123. **Ellenbogen, RG.** XIV World Congress of Neurological Surgeons 'Posterior Transcallosal Approach to the Pineal Region', Boston, MA, August 31, 2009.
124. **Ellenbogen, RG.** Massachusetts Institute of Technology 'Neurological Surgery for the Next Millenium', Boston, MA, September 1, 2009.
125. **Ellenbogen, RG.** XIV World Congress of Neurological Surgeons 'Pediatric Pineal Region Tumors', Boston, MA, September 4, 2009.
126. **Ellenbogen, RG.** XIV World Congress of Neurological Surgeons 'Hydrocephalus in Children: Challenges, Shunts and Alternatives', Boston, MA, September 4, 2009.

127. **Ellenbogen, RG.** Congress of Neurological Surgeons 2009 Annual Meeting 'Surgical Approaches to the Ventricular System' New Orleans, LA, October 24-29, 2009.
128. **Ellenbogen, RG.** Congress of Neurological Surgeons 2009 Annual Meeting 'Pediatric Spine Trauma Issues' New Orleans, LA, October 24-29, 2009.
129. **Ellenbogen, RG.** Congress of Neurological Surgeons 2009 Annual Meeting 'Defining Excellence in Surgical Neuro-Oncology' New Orleans, LA, October 24-29, 2009.
130. **Ellenbogen, RG.** Congress of Neurological Surgeons 2009 Annual Meeting 'Surgical Management of Chiari and Syringomyelia' New Orleans, LA, October 24-29, 2009.
131. **Ellenbogen, RG.** Congress of Neurological Surgeons 2009 Annual Meeting 'Management of Head Injury in the U.S. and Internationally' New Orleans, LA, October 24-29, 2009.
132. **Ellenbogen, RG.** McGaw Medical Center of Northwestern University , Department of Neurological Surgery, Visiting Professor, 'Challenges and Approaches to the Pineal Region'. Chicago, IL, February 26, 2010.
133. **Ellenbogen, RG.** 'Youth Sports Concussions: Education to Legislation' Seattle, WA, March 6-7, 2010.
134. **Ellenbogen, RG.** University of Washington, Department of Engineering and Materials Sciences, 'Neurosurgery for the Next Millenium'. March 8, 2010.
135. **Ellenbogen, RG.** St. Joseph Medical Center, Neurological Sciences Grand Rounds, 'Sports Concussions'. Tacoma, WA, March 16, 2010.
135. **Ellenbogen, RG.** University of Washington School of Medicine, Hubio 532 'Human Nervous System'. Seattle, WA, April 19, 2010.
136. **Ellenbogen, RG.** Harborview Medical Center, Neurological Surgery Grand Rounds, 'Sports Concussion and Return to Play: How To Do It'. Seattle, WA, April 21, 2010.
137. **Ellenbogen, RG.** Brain Injury Association of Washington (BIAWA), 'Handling the Traumatic Brain Injury Case'. Seattle, WA, May 7, 2010.
138. **Ellenbogen, RG.** Society of Neurological Surgeons (SNS) Neurosurgical Bootcamp. Portland, OR, July 9-10, 2010.
139. **Ellenbogen, RG.** University of Washington Residents Anatomic Dissection Course – HMC ISIS Cadaver Lab. 'Endoscopic Approaches and Techniques'. Seattle, WA, July 30, 2010.

140. **Ellenbogen, RG.** Chiari & Syringomyelia Foundation Education & Awareness Event, 'Questions You Were Afraid To Ask About Chiari and Syringomyelia'. Seattle, WA, September 22, 2010.
141. **Ellenbogen, RG.** Emory University, (Reviewer), Department of Neurological Surgery 5-Year Academic Review, Atlanta, GA, September 15-17, 2010.
142. **Ellenbogen, RG.** University of Washington, MEDEX White Coat Ceremony, Guest Lecturer 'Physician Assistants and the Military'. October 8, 2010.
143. **Ellenbogen, RG.** National Football League/Seattle Seahawks, 'Roundtable: Zachary Lystedt Law'. October 9, 2010.
144. **Ellenbogen, RG.** Congress of Neurological Surgeons 2010 Annual Meeting, 'Surgical Approaches to the Ventricular System'. San Francisco, October 16-20, 2010.
145. **Ellenbogen, RG.** Congress of Neurological Surgeons 2010 Annual Meeting, 'Trauma Update: Spinal Cord and Column Injury'. San Francisco, October 16-20, 2010.
146. **Ellenbogen, RG.** Congress of Neurological Surgeons 2010 Annual Meeting, 'Introduction of Keynote Speaker: Colonel Ronald Poropatich'. San Francisco, October 16-20, 2010.
147. **Ellenbogen, RG.** Congress of Neurological Surgeons 2010 Annual Meeting, Moderator: 'Surgical Management of Chiari and Syringomyelia'. San Francisco, October 16-20, 2010.
148. **Ellenbogen, RG.** American Association of Critical Care Nurses Symposium. 'Fact & Fiction of Intracranial Pressure (ICP)'. Shoreline, WA, October 20, 2010.
149. **Ellenbogen, RG.** Graduate Medical Education Grand Rounds Educational Series, Grand Rounds Panel Discussion: 'Determining Your Career Pathway'. Seattle, WA, January 19, 2011.
150. **Ellenbogen, RG.** American Academy of Neurological Surgeons Pediatric Section Meeting. Panelist: 'Concussive Head Injury Update'. Cleveland, OH, November 30-December 2, 2010.
151. **Ellenbogen, RG.** Harborview Medical Center Neurocritical Care Day: 'Management of ICP for the ICU Nurse'. Seattle, WA, February 15, 2011.
152. **Ellenbogen, RG.** University of Pittsburg, Visiting Professor: 'Concussion in Youth Athletes: From Return to Play to Advocacy'. Pittsburg, PA, March 9, 2011.
153. **Ellenbogen, RG.** University of Pittsburg, Visiting Professor: 'Neurosurgery in Difficult Locations: The Case for Pineal Region Surgery'. Pittsburg, PA, March 9, 2011.

154. **Ellenbogen, RG.** University of Washington/Howard Hughes Medical Institute Molecular Medicine Public Lecture: 'Nanotechnology in Brain Tumor Imaging and Therapy'. Seattle, WA, April 5, 2011.
155. **Ellenbogen, RG.** University of Alabama – Birmingham, Visiting Professor: 'Advocacy and Return to Play in Youth Sports'. Birmingham, AL, May 5, 2011.
156. **Ellenbogen, RG.** University of Alabama – Birmingham, Visiting Professor: 'Neurosurgery in Difficult Locations: The Case for Pineal Region Surgery'. Birmingham, AL, May 5, 2011.
157. **Ellenbogen, RG.** Brown University, Annual Melvyn M. Gelch Neurosurgery Lecture: 'Concussion and Return to Play – A Neurosurgeon's Perspective' Providence, RI, May 25, 2011.
158. **Ellenbogen, RG.** University of Washington School of Medicine, Department of Neurology Grand Rounds: 'Concussion and Return to Play – An Evidence Based Approach'. Seattle, WA, June 2, 2011.
159. **Ellenbogen, RG.** University of Washington School of Medicine/Harborview Medical Center: 'The Hand-Held CO₂ Laser in Neurosurgery: Fundamentals, Safety, and Surgical Techniques'. Seattle, WA, July 13, 2011.
160. **Ellenbogen, RG.** Third International MASSIN Congress, WSANS Annual Meeting: 'Advances in Neurosurgery & Applied Neurosciences'; Seattle, WA July 13-15, 2011.