CLINICAL NEUROSURGERY
Preface

The 60th Annual Meeting of the Congress of Neurological Surgeons was held in San Francisco, California, from October 16-21, 2010. Volume 58 of *Clinical Neurosurgery* represents the official compilation of the invited scientific manuscripts from the plenary sessions, The Presidential Address by Dr Gerald E. Rodts, Jr, and biographic and bibliographic information of the Honored Guest, Dr Daniel L. Barrow.

Dr Ali Rezai, Annual Meeting Chairman, and Drs Russell Lonser and Ganesh Rao, Scientific Program Chair and Vice-Chair, respectively, organized a truly outstanding meeting. The theme of this year’s Annual Meeting was *A Celebration of Neurosurgery*. The CNS was also honored and delighted to partner with the Korean Neurosurgical Society for this meeting.

Dr Rodts delivered his Presidential address on the history of spinal surgery from ancient Egypt and Greece to the modern era. He highlighted the urgent need to improve the medical evidence for our treatments and current challenges in our ability to deliver care to our patients with spinal disorders. His address ended with the words of his grandfather: “never forget that it is a great privilege” to be a neurosurgeon.

Honored Guest and CNS Past President, Dr Daniel Barrow, Professor and Chairman of Neurosurgery at Emory University, gave three scholarly addresses discussing the evolution of the management of cavernous malformations, complication avoidance in the surgical management of cerebral aneurysms, and the many differences of his own practice from that of his father’s as a general practitioner in a different era.

I have really enjoyed serving as Editor of *Clinical Neurosurgery*. I would like to thank my co-editors, Dr Robert Mericle and Dr Todd Hankinson, for volunteering their time and dedication to the peer review. I would like to extend a special thank you to Michele Lengerman and Laurie Behncke from the CNS Headquarters Office for their unparalleled dedication and hard work throughout the year on *Clinical Neurosurgery* and the Congress of Neurological Surgeons.

We welcome Dr Christopher C. Getch as the new President of the Congress of Neurological Surgeons and look forward to seeing you all in Washington, DC in October.

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Editors-in-Chief
Clinical Neurosurgery

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Charlottesville, Virginia
Daniel Louis Barrow graduated magna cum laude from Westminster College and received his MD degree from Southern Illinois University School of Medicine. He completed his general surgery internship and neurosurgical residency at Emory University Affiliated Hospitals and obtained his neurology training at Massachusetts General Hospital. Upon completing his neurosurgical residency, he completed a fellowship in cerebrovascular surgery at the Mayo Clinic in Rochester, Minnesota, and obtained additional training at the Barrow Neurological Institute in Phoenix, Arizona. He is the MBNA/Bowman Professor and Chairman of the Department of Neurosurgery and Director of the Emory Stroke Center at Emory University School of Medicine.

Dr Barrow has authored more than 250 scientific articles and chapters in medical textbooks. He has authored or edited 14 monographs, including a major textbook of neurosurgery, *The Practice of Neurosurgery*. He has been a visiting professor at major universities throughout North America, Europe, Africa, and Asia. His research interests have focused on cerebrovascular disease and stroke. During his career in medicine, he has won many awards, including induction into the honorary medical society, Alpha Omega Alpha. In 1997, Dr Barrow received the Distinguished Alumnus Award from Southern Illinois University School of Medicine, and in 1998, he received the Alumni Achievement Award from Westminster College. He was the 2010 Honored Guest of the Congress of Neurological Surgeons.

Dr Barrow has been active in organized neurosurgery, holding a variety of leadership and editorial positions. He was on the Executive Committee of the CNS from 1989–2001 and served as Scientific Program Committee chairman (1991), Annual Meeting Committee chairman (1992), Secretary (1992-1995), and President (1999-2000). He was President of the Georgia Neurosurgical Society and member of the AANS/CNS Washington Committee. Dr Barrow has been on the editorial boards of *Clinical Neurosurgery*, *NEUROSURGERY*, *Neurosurgical Consultations*, *Neurologia Medico Chirurgica*, *The Journal of the Korean Neurosurgical Society*; has coedited *Contemporary Neurosurgery* (1985-1995); edited *Perspectives in Neurological Surgery* (1989-1992); and chaired the AANS Publications Committee. He is a Director of the American Board of Neurological Surgery and has served as Secretary (2008-2011) and is currently chairman of the ABNS. He is past Vice President and currently Treasurer of the American Academy of Neurological Surgeons.

Dr Barrow is an avid outdoorsman who enjoys hunting, fishing, and other outdoor sporting activities. He is married to Mollie Winston Barrow, a practicing oral and maxillofacial surgeon. They live in Atlanta and have three children—Emily (age 23), Jack (age 21), and Tom (age 18).
Being selected as the Honored Guest of the Congress of Neurological Surgeons was the singular honor of my professional career and the most humbling, considering the company I have joined. If I have had any success in my career, it comes with a debt of gratitude to many. First, I am indebted to my patients who have entrusted me with their health and their lives. I am privileged to have that trust and confidence. I owe a great debt to my teachers and mentors: John Jane, George Tindall, Thoralf Sundt, David Piepgras, and Robert Spetzler. I thank my colleagues in the Department of Neurosurgery at Emory, who have been the most collegial group of professionals one could ever hope to work with. In particular, I want to recognize Rusty Rodts for his support and great work as the President of the CNS. I can never repay the debt I owe my parents, grandparents, and immediate family. My children, Emily, Jack and Tom, have provided me with the greatest rewards in my life. Most of all, I am indebted to my dearest friend and the love of my life, my wife, Mollie. She has made me a better person than I would have been had I not had the great fortune to meet her.

JOURNAL ARTICLES

15. Asa SL, Kovacs K, Tindall GT, Barrow DL, Horvath E, Takei Y. Cushing’s disease associated with a hypothalamic gangliocytoma producing corticotropin-releasing factor and


BOOK CHAPTERS


BOOKS AND MONOGRAPHS


**VISITING PROFESSORSHIPS**

1. Division of Neurosurgery, George Papanicolaou General Hospital, Thessaloniki, Greece, October 12, 1988.
2. Department of Neurosurgery, University of Virginia, Charlottesville, Virginia, March 7-11, 1989.
7. Department of Neurosurgery, University of Texas, Southwestern, Dallas, Texas, September 24-25, 1992.
10. Division of Neurosurgery, Louisiana State University, Shreveport, Louisiana, May 16-17, 1994.
14. Division of Neurosurgery, Yale University School of Medicine, New Haven, Connecticut, August 10-12, 1995.
15. The Barrow Neurological Institute of St. Joseph’s Hospital and Medical Center. Sally Harrington Goldwater Lecturer, Phoenix, Arizona, September 14-15, 1995.
16. The All-India Institute of Medical Sciences, New Delhi, India, November 20-21, 1995.
18. Department of Neurosurgery, Aichi Medical University, Nagoya, Japan, June 5, 1996.
19. Department of Neurosurgery, Kochi Medical School, Kochi, Japan, June 9, 1996.
20. Department of Neurosurgery, Shinshu University School of Medicine, Matsumoto, Japan, June 10, 1996.
21. Department of Neurosurgery, Washington University School of Medicine, St. Louis, Missouri, August 29-30, 1996.
24. Department of Neurosurgery, Aichi Medical University, Nagoya, Japan, March 17, 1997.
25. Division of Neurosurgery, Department of Surgery, Division of Neurosurgery University of Missouri School of Medicine, September 23, 1998.
26. Department of Neurosurgery, Medical College of Korea University, Seoul, Korea, September 19, 1999.
27. Department of Neurosurgery, University of Rochester, Rochester, New York, Frank P. Smith Lecturer, September 30-October 1, 1999.
29. Department of Neurosurgery, Wayne State University School of Medicine, Detroit, Michigan. E Steven Gurdjian Lecturer, March 14-15, 2000.
30. Department of Neurosurgery, Aichi Medical University, Nagoya, Japan, May 16, 2000.
32. Department of Neurosurgery, Stanford University School of Medicine, Stanford, California, June 1, 2001.
33. Department of Neurosurgery, Northwestern University School of Medicine, Chicago, Illinois, September 7, 2001.
34. Department of Neurosurgery, Brigham & Women’s Hospital and Children’s Hospital, Harvard University School of Medicine, Boston, Massachusetts, November 1, 2001.
35. Department of Neurosurgery, Aichi Medical University, Nagoya, Japan, September 30, 2002.
36. Department of Neurosurgery, Johns Hopkins School of Medicine, Baltimore, Maryland, October 31, 2002.
40. Department of Neurosurgery, University of Virginia, Charlottesville, Virginia, September 23, 2006.
42. The Barrow Neurological Institute of St. Joseph’s Hospital and Medical Center. Sally Harrington Goldwater Visiting Professor, Phoenix, Arizona, May 18, 2007.
43. Department of Neurosurgery, Cornell University School of Medicine, Bronson Ray Visiting Professor, New York, New York, May 20-22, 2009.
44. Department of Neurosurgery, Louisiana State University, Shreveport, Louisiana, September 16-17, 2009.
45. Department of Neurosurgery, University of Florida School of Medicine, October 1-2, 2009.
46. Division of Neurosurgery, University of Toronto School of Medicine, E. Harry Botterell Visiting Professor, Toronto, Ontario, Canada, December 14, 2009.
47. Department of Neurosurgery, Washington University School of Medicine, St. Louis, Missouri. September 24-26, 2010.
48. Department of Neurosurgery, University of Washington School of Medicine, Seattle, Washington, October 5-6, 2010.
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