

February 1, 2007

Curriculum Vitae
Charles V. Burton, M.D., F.A.C.S.

Professional Positions

Neurosurgical Spine Specialist

Medical Director, The Center for Restorative Spine Surgery, St. Paul MN

Editor-In-Chief, The Burton® Report

Clinical Practice Affiliation

Healtheast Hospital System, MN

St. Josephs Hospital, St. Paul, MN

Education

1952-1956 Johns Hopkins University, Baltimore, MD (Biological Sciences)

1956-1960 New York Medical College, New York City, NY

**1961-1962 Internship: Yale Medical Center and Grace New Haven
Hospital, (Surgery), New Haven, CT**

Residency

**1962-1966 Assistant Resident in Neurological Surgery, Johns Hopkins Hospital,
Baltimore, MD**

1965-1966 Chief Resident in Neurological Surgery, Baltimore City Hospitals; MD

**1966-1967 Chief Resident in Neurological Surgery, Johns Hopkins Hospital,
Baltimore, MD**

Professional Certifications

1971 American College of Surgeons

1972 American Board of Neurological Surgery

1996 American Board of Forensic Medicine

1998 American Board of Spine Surgery, Recertified 2004

Professional Positions

1967-1969 Assoc, Chief of Surgery and Chief of Neurosurgery USPHS Hospital, Seattle, WA

1969-1970 Instructor, Neurological Surgery, Johns Hopkins Hospital, Baltimore MD

1970-1973 Assistant Prof. of Neurosurgery, Temple Univ., Health Sciences Center, Philadelphia

1973-1974 Assoc. Prof. of Neurosurgery, Temple Univ. Health Sciences Center, Philadelphia

**1974-1981 Director, Dept of Neuroaugmentive Surgery; Director, Low Back Clinic,
Sister Kenny Institute, Minneapolis, MN**

1981-1996 Medical Director, Institute for Low Back Care, Minneapolis, MN

1996-2004 Senior Medical Director, Institute for Low Back and Neck Care, Minneapolis, MN

2004- Director, the Center for Restorative Spine Surgery, Minneapolis, MN

Professional Activities

- 1967-1969 Military Neurosurgeon, U.S. Navy**
- 1971-1973 Medical-Legal Committee Philadelphia County Medical Society**
- 1971-1974 Fire/ Police Surgeon, Gladwyne, Pennsylvania**
- 1972-1977 Chairman, Congress of Neurological Surgeons Committee on Materials and Devices**
- 1973-1977 Co-Chairman, Joint Neurosurgical Committee on Materials and Devices of the American Assoc. of Neurological Surgeons & Congress of Neurological Surgeons**
- 1973-1977 Advisory Board, Medical Devices, American National Standards Institute**
- 1973-1982 Neurostimulation Subcommittee, Association for the Advancement of Medical Instrumentation**
- 1973-1977 Chairman, American Society for Testing and Materials, F4.5 Committee on Materials**
- 1974 Member, U.S. Government Biomedical Instrumentation Delegation to the Soviet Union**
- 1974-1977 Chairman, U.S. Government Food and Drug Administration, Advisory Panel on Neurological Devices**
- 1974-1977 Chairman, International Standards Organization, TC150/SC3 Working Group on Medical Materials**
- 1974-1978 American College of Surgeons Medical Devices Committee**
- 1975-1990 Hennepin County Medical-Legal Committee**
- 1975-1977 Membership Committee, Association for the Advancement of Medical Instrumentation**
- 1976-1977 Chairman, Midwest Neurosurgical Study Group on Neurostimulation for the Relief of Pain**
- 1976- 1978 President, Board of Directors, National Board of Examiners for Registered Neuroaugmentation Therapists**
- 1976-1985 Minnesota State Medical Association Medical Testimony Committee**
- 1976-1977 Chairman, U.S. Government Food and Drug Administration Subcommittee on Neurostimulation**
- 1976-1977 Co-Chairman, Neurological Standards Subcommittee, Association for the Advancement of Medical Instrumentation**
- 1978-1980 Board of Directors, Association for the Advancement of Medical Instrumentation**
- 1981-2004 Board of Directors, Professional Systems for Medicine, Inc.**
- 1983-1988 Consultant, American Association of Consulting Toxicologists**
- 1984-1985, 1988-1992 Member, Executive Committee, North Amer. Spine Assoc.**
- 1985- Program Chairman, 1985 Challenge of the Lumbar Spine, Minneapolis**
- 1986-1989 Executive Committee, Int. Society for Study of the Lumbar Spine**
- 1986-1995 Editor, Neurorthopedics**
- 1986-1991 President, Minneapolis Chapter, Johns Hopkins Alumni Association**
- 1989-1992 Executive Committee, American College of Surgeons, Minnesota Chapter**
- 1990-1994 Member, Board of Directors, North American Spine Society**
- 1991-1992 Chairman, Committee on Ethics and Professional Practice, North American Spine Society.**
- 1992-1994 Director, Council on Member Affairs, North American Spine Society.**
- 1994-1995 President, Twin Cities Spine Society.**
- 1994-2000 Member, IRB Board, Abbott-Northwestern Hospital**

1997-2003 Director, Board of Directors, American Board of Spinal Surgery
1998- Chairman, Committee on Ethics, American Board of Spine Surgery
2000- Editor-in-Chief, The Burton Report®, Online Informatives:
Health Care, Forensic Medicine, Lumbar Spine
2001- Chairman, Medical-Legal Committee, American College of Spine Surgeons.
2002-2003 Vice Chairman, American Board of Spine Surgery.
2004 Program Chairman, American College of Spine Surgery, Board Review Course

Research Appointments

1956-1957 Research Fellow, National Polio Foundation, New York Medical College
1958-1959 Research Fellow, U.S. Dept. Health, Education, and Welfare,
New York Medical College
1960-1961, 1962-1967 Fellow in Neurosurgery, Department of Neurosurgery,
Johns Hopkins Hospital, Baltimore, MD
1968-1969 Visiting Research Affiliate, Primate Center, Univ. of Washington, Seattle, WA

Patents

3645254 Surgical Headlight
3653385 Production of Focal Brain Lesions by Inductive Heating
4008721 Tape Electrode for Transmitting Electrical Signals Through the Skin
4067342 Tape Electrode
4205665 Gravity Lumbar Reduction Method
D334623 Traction Unit for Removing Loading from the Back
4269179 Orthopedic Gravity Traction Brace
4290422 Surgical Headlight System
4422452 Gravity Traction Vest
4569340 Gravity Traction Vest
4743260 Method for a Flexible Stabilization System for a Vertebral Column
5033459 Gravity Traction Device with a Base Support and Method
5105803 Gravity Traction Device with a Base Support
5195949 Traction Device
5282863 Flexible Stabilization System for a Vertebral Column

Organizational Memberships

American Association of Neurological Surgeons
American Back Society
American Board of Spine Surgery
American College of Forensic Examiners
American College of Spine Surgery
American College of Surgeons
Congress of Neurological Surgeons
International Society of Police Surgeons
International Society for Minimal Intervention in Spinal Surgery
International Society for the Study of the Lumbar Spine
International Spinal Injection society Yale Surgical Society
Johns Hopkins Medical and Surgical Association
North American Spine Society
Minnesota State Medical Society