Curriculum Vitae

August 2012

Terence P. Doorly MD, FAANS, FACS, FRCSC, FRCSI

Current Practice: Neurosurgery & Spine

1993 - Present The Musculoskeletal Center,

4 Centennial Drive, Suite 204, Peabody, MA 01960

Position Held: Medical Director

Qualifications:

June 1979 **B.A.** (Bachelor in Arts)

M.B., B.Ch., B.A.O. (Bachelor in Medicine, Surgery and Obstetrics)

University of Dublin, Trinity College

June 1982 M.A. (Master in Arts)

University of Dublin, Trinity College

June 1983 F.R.C.S.I. (Fellowship of the Royal College of Surgeons in Ireland)

February 1989 F.R.C.S.C. (Fellowship of the Royal College of Physicians and

Surgeons of Canada)

October 1992 F.A.C.S. (Fellowship of the American College of Surgeons)

Certification:

November 1988 Certification in Neurosurgery

The Royal College of Physicians and Surgeons of Canada Maintenance of Certification Program 2000-2005, 2006-2010

February 1996 Certified Independent Medical Examiner [CIME]

American Board of Independent Medical Examiners

Recertified 2001, 2006, 2011

Licensure: Massachusetts (Registration No. 76704)

Hospital Appointments:

January 1993 - Present North Shore Medical Center, Salem Hospital

81 Highland Avenue, Salem, MA 01970

Position Held: Chief of Neurosurgery 1995 - 2006

January 1993 - Present Beverly Hospital

Herrick & Heather Streets, Beverly, MA 01915

May 1993 - Present North Shore Medical Center, Union Hospital

500 Lynnfield Street, Lynn, MA 01904

Medical School:

October 1973 - June 1979

University of Dublin, Trinity College, Dublin, Ireland

Internship:

July 1979 - December 1979 January 1980 - June 1980 St. James's Hospital, Dublin, Ireland

Surgery Medicine

Residency - General Surgery:

July 1980 - August 1980 July 1981 - December 1981 January 1982 - June 1982 July 1982 - December 1982

January 1983 - June 1983

The Royal College of Surgeons in Ireland

St. James's Hospital, Dublin, (General Surgery)
St. James's Hospital, Dublin, (Emergency Medicine)
St. Laurence's Hospital, Dublin, (Neurosurgery)
International Missionary Training Hospital, Drogheda,

(General Surgery)

St. Vincent's Hospital, Dublin, (General Surgery)

Residency - Neurosurgery:

July 1983 - December 1985

The Royal College of Surgeons in Ireland

St. Laurence's Hospital, Dublin, Ireland

University of Toronto & The Royal College of

Physicians and Surgeons of Canada

January 1986 - June 1986 July 1986 - June 1987 July 1987 - December 1987 January 1988 - June 1988 July 1988 - September 1989

Toronto General Hospital, Toronto, Canada St. Michael's Hospital, Toronto, Canada **Fellowship** Toronto General Hospital, Toronto, Canada Hospital for Sick Children, Toronto, Canada

Wellesley Hospital, Toronto, Canada Fellowship

Academic Appointments:

October 1980 - June 1981

Demonstrator in Anatomy, University of Dublin,

Trinity College, Dublin, Ireland

January 1981 - December 1982

Research Fellow, The Medical Research Council of

Ireland, Dublin, Ireland

June 1987, June 1988

Instructor, The Cook County Graduate School of Medicine,

Chicago, Illinois (Peripheral Nerve Injury & Repair)

Previous Practice:

October 1989 - December 1992

Neurosurgery Associates, P.A., Tupelo, MS

Previous Hospital Appointments:

October 1989 - December 1992

North Mississippi Medical Center, Tupelo, MS Position Held: Leader, Section of Neurosurgery

October 1990 - November 1992

Golden Triangle Regional Medical Center, Columbus, MS

October 1991 - November 1992 October 1991 - November 1992 Clay County Medical Center, West Point, MS Oktibbeha County Hospital, Starkville, MS.

May 1993 - April 2003

Kindred Hospital, Peabody, MA

Awards and Honors

1975 Begley Studentship, University of Dublin

May 1976 <u>Foundation Scholarship</u>, University of Dublin

1977 Dublin University Biological Society Bronze Medal

Best student research paper: "Hip-joint Injury in Car

Collisions."

January 1981-December 1982 Medical Research Council of Ireland Fellowship

January 1981-December 1983 Medical Research Council of Ireland Grant-In-Aid

Established protocols for the evaluation of carotid arteries with Doppler ultrasound. Established a prospective study of the natural history of asymptomatic carotid stenosis in

Ireland.

June 1989 Resident Teaching Award

The Wellesley Hospital Department of Surgery, Toronto

December 1996 & 2003 Partners in Excellence Award

Partners Health Care System, Inc., Boston

April 2007 Compassionate Caregiver Award, Honorable Mention

The Kenneth B. Schwartz Center, Boston

June 2012 Department of Surgery Award For Clinical Excellence and

Professionalism, North Shore Medical Center, Salem

Medical Association Memberships:

American Association of Neurological Surgeons (AANS)

American College of Occupational and Environmental Medicine

American College of Surgeons

American Medical Association

Congress of Neurological Surgeons (CNS)

Essex South District Medical Society

Joint Section on Disorders of the Spine and Peripheral Nerves (AANS & CNS)

Joint Section on Pain (AANS & CNS)

Massachusetts Medical Society

Massachusetts Neurosurgical Society

New England Neurosurgical Society

North American Spine Society

Royal College of Physicians and Surgeons of Canada

Royal College of Surgeons in Ireland

Publications:

- 1. Doorly TP. Forces imposed on the hip joint in car collisions. J Traffic Med. 1978;6:44-46.
- 2. Doorly TP, Shanik DG. Noninvasive evaluation after carotid endarterectomy. *Eur Sur Res.* 1981;13:48-49.
- 3. Doorly TP, Shanik DG. Carotid ultrasonic arteriography combined with real time sound spectral analysis: a comparison with angiography. *J Cardiovas Surg.* I981;22:416.
- 4. Doorly TP, Moore DJ, Atkinson PI, et al. Abdominal aortic aneurysm: a missed diagnosis. *Ir Med J.* 1982;75:40-42.
- 5. Moore DJ, Doorly TP, O'Connor R, et al. Reconstructive vascular surgery in high risk patients. *Ir Med J.* 1982;75:43-45.
- 6. Doorly TP, Atkinson PI, Kingston V, et al. Carotid ultrasonic arteriography combined with real time spectral analysis: a comparison with angiography. *J Cardiovas Sur.* 1982;23:243-246.
- 7. Phillips J, Horner B, Doorly TP, et al. Cerebrovascular accident in a 14 year old marathon runner. *Br Med J*. 1983;286:351-352.
- 8. Moore DJ, Doorly TP, O'Connor R, et al. Reconstructive vascular surgery in high risk patients. *J Irish Coll Physicians Surg.* 1983;12:117.
- 9. Salam IA, Doorly TP, Hegarty JH, et al. Highly selective vagotomy versus truncal vagotomy and drainage: a ten year retrospective study (1972-1982). *Ir J Med Sci*. 1984;153:60-64.
- 10. Salam IA, Doorly TP, Hegarty JH, et al. Highly selective vagotomy (HSV) versus truncal vagotomy and drainage (TV+D): a ten year retrospective study (1972-1982). *Ir J Med Sci*. 1985;154:210.
- 11. Doorly TP, Phillips JP. Use of a 5-HT antagonist in cerebral vasospasm following subarachnoid hemorrhage. *Ir J Med Sci.* 1985;154:248-249.
- 12. Doorly TP, Phillips JP, Gaffney E. et al. Symptomatic subependymoma of the fourth ventricle: case report. *Ir J Med Sci.* 1985;154:250,414.
- 13. Gaffney EF, Doorly TP, Dinn JJ. Aggressive oncocytic neuroendocrine tumour ("oncocytic paraganglioma") of the cauda equina. *Histopathology*. 1986;10:311-319.
- 14. Lorigan G, Doorly T, Toland J. Thoracic myelography: an assessment of the radiological findings. *Ir J Med Sci.* 1987;156:134.

Publications continued:

- 15. Doorly TP, Farrell MA, Phillips JP. Primary intracranial Hodgkin's Lymphoma. *Can J Neurol Sci.* 1987;14:227.
- 16. Doorly TP, Ostrup RC, Roscoe MW, et al. Surgery for post-traumatic radial nerve palsy. *Can J Neurol Sci.* 1987;14:230.
- 17. Doorly TP, Hudson AR, Ostrup RC. Operative management of brachial plexus lesions. *Can J Neurol Sci.* 1987;14:231.
- 18. Doorly TP, Gaffney EF, Dinn JJ, et al. Symptomatic subependymoma of the fourth ventricle. *Can J Neurol Sci.* 1987;14:250.
- 19. Doorly TP, Farrell MA, Phillips J. Primary intracerebral Hodgkin's lymphoma. *J Neurol Neurosurg Psychiatry*. 1987;50:1048-1050.
- 20. Phillips JP, Doorly TP. Surgery of the pituitary gland. In: O'Malley K., O'Brien E. (eds). *The Bicentenary of the Royal College of Surgeons in Ireland 1784-1984 Proceedings*. 1987;664-672. Dublin, Glendale Press.
- 21. Tasker RR, Doorly T, Yamashiro K. Thalamotomy in generalized dystonia, In: Fahn S., et al (eds). *Dystonia 2: Advances in Neurology*, *Vol. 50.* 1988:615-631. New York, Raven Press.
- 22. Doorly TP, Hudson AR. Neurotization procedures for brachial plexus root avulsion. *Can J Neurol Sci.* 1988;15:185.
- 23. Doorly TP, Hudson AR. Surgical management of iatrogenic accessory nerve lesions. *Can J Neurol Sci.* 1988;15:186-187.
- 24. Doorly TP, Tasker RR, Deck JH. Intrasellar Meningioma. Can J Neurol Sci. 1988;15:188.
- 25. Doorly T, North A, Perrin R. Brain tumor biopsy using a non invasive stereotactic system. *Can J Neurol Sci.* 1989;16:274-275.
- 26. Doorly T, Phillips J. Microsurgical anterior cervical discectomy. *Can J Neurol Sci.* 1989;16:275.
- 27. Doorly TP, Lambing CL, Malanga GA, et al. Algorithmic approach to the management of the patient with lumbar spinal stenosis. *J Fam Pract*. 2010;59:S1-S8.

Papers Presented:

- 1. Doorly TP. Hip joint injuries in car collisions. Dublin University Biological Society, Dublin, Ireland, November 1977. This paper was awarded the Society's Bronze medal for the best student research paper presented to the Society.
- 2. Doorly TP, Shanik DG. Noninvasive evaluation after carotid endarterectomy. XVI congress of the European Society for Surgical Research, Garmisch-Partenkirchen, West Germany, April 1981.
- 3. Doorly TP, Shanik DG. Carotid ultrasonic arteriography combined with real time special analysis: A comparison with angiography. XV World Congress of the International Cardiovascular Society, Athens, Greece, September 1981.
- 4. Doorly TP, Phillips JP. Use of a 5-HT antagonist in cerebral vasospasm following subarachnoid hemorrhage. Twentieth Annual Meeting of the Irish Neurological Association, Dublin, May 1984.
- 5. Doorly TP, Phillips JP, Gaffney E, et al. Symptomatic subependymoma of the fourth ventricle: Case report. Twentieth Annual Meeting of the Irish Neurological Association, Dublin, May 1984.
- 6. Doorly TP, Hudson AR. Peripheral nerve tumors. Ontario Medical Association Section on Neurosurgery, Toronto, Ontario, October 1986.
- 7. Doorly TP, Ostrup RC, Hudson AR. Management of the isolated complete radial nerve injury. The W.S. Keith Lectureship, University of Toronto, Toronto, Ontario, February 1987.
- 8. Doorly TP, Ostrup RC, Woscoi MW, et al. Surgery for post-traumatic radial nerve palsy. XXIInd Canadian Congress of Neurological Science, Vancouver, B.C., June 24-27, 1987.
- 9. Doorly TP, Hudson AR, Ostrup RC. Operative management of brachial plexus lesions. XXIInd Canadian Congress of Neurological Sciences, Vancouver, B.C., June 24-27, 1987.
- Doorly T, Hudson A, Ostrup R. Operative management of brachial plexus lesions. Thirtyseventh Annual Meeting of The Congress of Neurological Surgeons, Baltimore, Maryland, October 1987.
- 11. Doorly T. Surgery for brachial plexus injury: indications and results. Ontario Medical Association, Section on Neurosurgery, Toronto, Ontario, November 1987.
- 12. Doorly TP, Hudson A, Ostrup RC. Surgery for selected brachial plexus lesions. Fourth Annual Meeting, Joint Section on Disorders of the Spine and Peripheral Nerves, American Association of Neurological Surgeons and Congress of Neurological Surgeons. Phoenix, Arizona, February 1988.

- 13. Doorly T. Surgery for selected brachial plexus lesions. The W.S. Keith Lectureship, University of Toronto, Toronto, Ontario, March 1988.
- 14. Doorly TP, Hudson AR, Ostrup RC. Surgery for selected brachial plexus lesions. The Annual Meeting of the American Association of Neurological Surgeons, Toronto, April 1988.
- 15. Doorly T. Brain tumor biopsy using a new, noninvasive stereotactic system. The W. S. Keith Lectureship, University of Toronto, Toronto, Ontario, February 1989.
- 16. Doorly T. Surgical considerations for the injured worker with low back pain. "Challenging Global Times: Forging Ahead in OEM". 2009 New England College of Occupational and Environmental Medicine Annual Conference, Newton, MA, December 2009.
- 17. Doorly T. Shared medical appointments. Building a Medical Neighborhood: Improving Access and Teamwork; Tufts University School of Medicine, Partners Community Healthcare, Inc. and The John D Stoeckle Center for Primary Care Innovation, Waltham, MA, September 2011.
- 18. Doorly T. Shared medical appointments for spine disorders. Getting Better Together: A Shared Medical Appointment Symposium; Harvard Vanguard Medical Associates, Cambridge, MA, November 2011.

Papers Presented by Others:

- 1. Moore DJ, Doorly TP, O'Connor R, et al. Reconstructive vascular surgery in high risk patients. Section of Surgery, Royal Academy of Medicine in Ireland, Dublin, April 1982.
- 2. Salam IA, Doorly TP, Hearty JH, et al. Highly selective vagotomy versus truncal vagotomy and drainage: A ten year retrospective study. Irish Society of Gastroenterology, Galway, Ireland, May 1983.
- 3. Lorrigan JG, Doorly TP, O'Dwyer JA, et al. Cerebellopontine angle tumors: A Review of radiology and pathology. Annual Scientific Meeting, Faculty of Radiologists, Royal College of Surgeons of Ireland, Dublin, October 1985.
- 4. Tasker RR, Doorly TP, Yamashiro K. Thalamotomy for generalized dystonia. IInd International Dystonia Symposium, Columbia University, New York, May 9- 12, 1986.
- 5. Tasker RR, Doorly TP. CT Guided stereotaxis. Fifty-fifth Annual Meeting of the Royal College of Physicians and Surgeons of Canada, Toronto, Ontario, September 1986.
- 6. Lorrigan JG, Doorly TP, Toland JA. Thoracic myelography: An assessment of the radiological findings. Spring Meeting of the Faculty of Radiologists, Dublin, March 1986.

- 7. Lorrigan JG, Doorly TP, Toland JA. Thoracic myelography: An assessment of the radiological findings. Annual Meeting of the Irish Neurological Association, Belfast, Ireland, March 1986.
- 8. Doorly TP, Hudson AR. Neurotization procedures for brachial plexus root avulsion. XXIIIrd Canadian Congress of Neurological Sciences, Quebec City, P.Q., June 1988.

Posters Presented:

- 1. Doorly TP, Farrell MA, Phillips JP. Primary intracranial Hodgkin's Lymphoma. XXIInd Canadian Congress of Neurological Sciences, Vancouver, B.C., June 1987.
- 2. Doorly TP, Gaffney EF, Dinn JJ, et al. Symptomatic subependymoma of the fourth ventricle. XXIInd Canadian Congress of Neurological Sciences, Vancouver, B.C., June 1987.
- 3. Doorly TP, Hudson A, Ostrup RC. Neurotization procedures for brachial plexus root avulsion. The Annual meeting of the American Association of Neurological Surgeons, Toronto, April 1988.
- 4. Doorly TP, Hudson AR. Surgical management of iatrogenic accessory nerve lesions. XXIIIrd Canadian Congress of Neurological Sciences, Quebec City, P.Q., June 1988.
- 5. Doorly TP, Tasker RR, Deck JH. Intrasellar meningioma. XXIIIrd Canadian Congress of Neurological Sciences, Quebec City, P.Q., June 1988.
- 6. Doorly TP, Hudson AR. Results of surgery for iatrogenic accessory nerve palsy. Thirty-eighth Annual Meeting of the Congress of Neurological Surgeons, Seattle, Washington, September 1988.
- 7. Doorly T, North A, Perrin R. Brain tumor biopsy using a noninvasive stereotactic system. XXIVth Canadian Congress of Neurological Sciences, Ottawa, Ontario, June 1989.
- 8. Doorly T, Phillips J. Microsurgical anterior cervical discectomy. XXIVth Canadian Congress of Neurological Sciences, Ottawa, Ontario, June 1989.

Medical Society, Hospital and Community Talks

- 1. Doorly T. Head and spinal cord injuries. Trauma Update '91; North Mississippi Chapter American Association of Critical Care Nurses, Tupelo, MS, May 1991.
- 2. Doorly T. Nursing challenges for the patient with subarachnoid hemorrhage and intracranial aneurysm. Neurological Challenges; North Mississippi Medical Center, Tupelo, MS, October 1991.

- 3. Doorly T. The developing brain. Pediatric Update '91. Heads Up: Focus on Neurological Issues in Pediatrics; North Mississippi Medical Center, Tupelo, MS, November 1991.
- 4. Doorly T. Neurological aspects: Compression injuries of the spine. Orthopedics from Head to Toe; North Mississippi Medical Center, Tupelo, MS, April 1992.
- 5. Doorly T. Occupational carpal tunnel syndrome. Occupational Health Conference; The Center for Business Health, North Mississippi Medical Center, Tupelo, MS, April 1992.
- 6. Doorly T. Advancement in Neurosurgery: Peripheral nerve repairs and stereotactic neurosurgery. Neuroscience Update; North Mississippi Medical Center, Tupelo, MS, May 1992.
- 7. Doorly T. Surgical intervention for work-related spinal injury. Current Surgical and Non-surgical Interventions for Work-related Spinal Injuries; The Therapy Center of Peabody and Work Venture, Peabody, MA, April 2003.
- 8. Doorly T. A little back talk: New advances in back pain management. 1874 Society Speaker Series; North Shore Medical Center, Salem, MA, February 2008.
- 9. Doorly T. Low back pain in the elderly. Lower Back Pain & The Elderly; Shaughnessy-Kaplan Rehabilitation Hospital, Salem, MA, May 2008.
- 10. Doorly T. A little back talk: New advances in back pain management. Healthy Topic Workshops; Brooksby Village Medical Center, Danvers, MA, December 2008.
- 11. Doorly T. Degenerative changes to the athletic spine. The Aging Athletic Spine; Innovative Sports Medicine, Shaughnessy-Kaplan Rehabilitation Hospital, Salem, MA, September 2009.
- 12. Doorly T. Staying Strong: Ways to keep your bones healthy and strong. North Shore Physicians Group Symposium, Marblehead, MA, May 2010.
- 13. Doorly T. Staying Strong: Ways to keep your bones healthy and strong. North Shore Physicians Group Symposium, Beverly, MA, May 2010.
- 14. Doorly T. Staying Strong: Ways to keep your bones healthy and strong. North Shore Physicians Group Symposium, Lynn, MA, May 2010.
- 15. Doorly T. A little back talk. Salem Rotary, Salem, MA, March 2011.