



CURRICULUM VITAE
KATHLEEN COSTELLO, MS, ANP-BC, MSCN
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The Johns Hopkins MS /TM Center
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EDUCATION

6/1979	Diploma in Nursing	St. Joseph Hospital, Baltimore, MD
5/1980	Bachelor of Science, Nursing	University of Maryland, Baltimore, MD
5/1998	Master of Science Adult Nurse Practitioner	University of Maryland, Baltimore, MD

PROFESSIONAL EXPERIENCE

6/1979-7/1984	Clinical Staff Nurse, St. Joseph Hospital, Baltimore, MD
10/1984-2/1988	Manager, Clinical Research Clinic Pharmakinetics Laboratories, Baltimore, MD
5/1988-8/1993	Senior Clinical Staff Nurse, Department of Neuroscience Nursing University of Maryland Medical Center, Baltimore, MD
9/1993-12/1998	Clinical Coordinator, Maryland Center for Multiple Sclerosis University of Maryland Medical Center, Baltimore, MD
1/1999-9/2005	Clinical Director, Maryland Center for Multiple Sclerosis University of Maryland Medical Center, Baltimore, MD
5/2003-5/2004	Acting Associate Clinical Director Veteran's Administration MS Center of Excellence East, Baltimore, MD
6/2004-9/2005	Coordinator eMS Health Program, Consortium of Multiple Sclerosis Centers
9/2005-5/2007	Senior Medical Science Liaison, Neurology, Serono, Inc. Rockland, MA
5/2007 – 12/2009	Nurse Practitioner, MS Program Director, Maryland Center for Multiple Sclerosis University of MD Medical Center, Baltimore, MD

Kathleen Costello, Curriculum Vitae

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5/2007 - 12/2009 Education Coordinator
Veterans Administration MS Center of Excellence East, Baltimore, MD

3/2009 – 12/2009 Acting Associate Director of Communications
Veterans Administration MS Center of Excellence East, Baltimore, MD

3/2009 – 12/2009 Clinic Coordinator, Amyotrophic Lateral Sclerosis (ALS) Clinic
University of Maryland School of Medicine, Baltimore, MD

01/2010 – Current Nurse Practitioner/Research Associate, The Johns Hopkins MS/TM Center
The Johns Hopkins Hospital, Baltimore, MD

LICENSURE

1979-RN Maryland State Board of Nursing
1998-NP #R069246, Exp: 8/28/2010

CERTIFICATION

9/1998 American Nurses Credentialing Center Adult Nurse Practitioner
Exp: 9/1/2013

6/2002 MS Nurses International Certification Board
Multiple Sclerosis Certified Nurse Exp: 6/2012

HONORS AND AWARDS

1980 Phi Kappa Phi National Honor Society
1984 Employee of the Quarter, Pharmakinetics
1999, 2008 National MS Society, Maryland Chapter, Health Professional of the Year

PROFESSIONAL ORGANIZATIONS

International Organization of MS Nurses
Consortium of Multiple Sclerosis Centers
Nurse Practitioner Association of Maryland

LECTURES AND PRESENTATIONS

1990, 1991, 1992 “Leadership and Management”
University of Maryland, Nurse Graduate Fellowship Program

1991 “Dementia and Nursing Implications”
University of Maryland Division of Neurocare Nursing Neurocare Internship

1992 “Rehabilitation Nursing”
University of Maryland Division of Neurocare Nursing, Neurocare Internship

1993-1997 “Multiple Sclerosis-Pathophysiology and Nursing Care
University of Maryland School of Nursing, Undergraduate Division

1994, 1995 “Multiple Sclerosis”
University of Maryland, Neurocare Internship Program, Baltimore, MD

- 1994 “You Can Make the Difference: Your MS Patients and Their Subcutaneously Self-Injected Therapy”
Video participant, Advanced Therapeutic Communications, Secaucus, NJ
- 1995 “Use of Betaseron® in Ambulatory Patients with Relapsing-Remitting MS
Consortium of Multiple Sclerosis Centers, Annual Conference, Portland, OR
- 1996 “The Role of the Practice Team-The Baltimore Experience”
Practical Issues with Betaferon in the Treatment of Patients with Multiple Sclerosis
Sixth European Neurological Congress, Den Haag, Netherlands
- 1997 “Multiple Sclerosis: Current Therapies, Future Hope”
Association of Rehabilitation Nurses
23rd Annual Education Conference, Baltimore, MD
- 1997 “Nursing Management of Patients Receiving Copolymer-1 for
Multiple Sclerosis Management”
World Neurology Congress, Buenos Aires, Argentina
- 1998 “Multiple Sclerosis-Challenges and Consensus”
Professional Postgraduate Services, Physicians World Communications, Los Angeles, CA
- 1998 “New Treatments for Multiple Sclerosis”
The 18th Annual National Nurse Practitioner Symposium, Baltimore, MD
- 1998 “Update on Treatment of MS”
Association of Rehabilitation Nurses, Washington Chapter Annual Meeting
Washington, DC
- 1998 “Multiple Sclerosis”
Association of Rehabilitation Nurses, Annual Meeting, Dallas, TX
- 1999 “Multiple Sclerosis, Current Treatments”
Peer Counselors Meeting, Annapolis, MD
- 1999 “Therapy Choice Based upon Mechanism of Action, MRI Data and Long Term Efficacy”
MS Nurses Meeting, Carlsbad, CA
- 1999 “Access to Care and the Role of the Nurse”
International Multiple Sclerosis Week, ECTRIMS Meeting, Basel, Switzerland
- 1999 “Best Practices in MS Nursing”
Association of Rehabilitation Nurses Annual Meeting, Reno, NV
- 1999 “Informational Needs of MS Nurses”
International Organization of MS Nurses, IOMSN Nursing Conference
Multiple Sclerosis Nursing: Educating our Patients and Ourselves, Florence, Italy
- 1999 “MRI and it’s Implication for Nurses”
North American Nurses Meeting, Dallas, TX
- 2000 “The Nurses Role in Adherence to Immunomodulating Therapies”

- Nurses Retreat Weekend, Las Vegas, NV
- 2000 “Basic Immunology for Nurses”
Regional Nurses Advisory Meeting, White Plains, NY
- 2001 “Symptom Management in MS”
Whitaker-McFarlin MS Colloquium CME program
Teaneck NJ, Baltimore MD
- 2001 “Diagnosis of MS”
Nursing Update, International Organization of MS Nurses, Dallas, TX
- 2001 “Update on MS for Nurses”
New England Regional Nurses Advisory Meeting, Boston, MA
- 2001 “Neuroimmunology in MS”, “MRI and its Implications”
Nursing Review Course, Serono Symposia International, Toronto, Canada
- 2002, 2003 “Neurology for the Non-Neurologist”
Consortium of Multiple Sclerosis Centers Annual Meeting
Chicago, Illinois; San Diego, CA
- 2003, 2004 “Comprehensive Overview of Multiple Sclerosis”
Nursing Update Meeting Serono Symposia International
San Diego CA, Ft. Lauderdale FL
- 2003 “Overview, Epidemiology, Immunology, MRI and Diagnosis of MS”
Serono Symposia International, Ft. Lauderdale, FL
- 2003 “Advanced Practice Nursing in Multiple Sclerosis”
Consortium of Multiple Sclerosis Centers, San Diego, CA
- 2003 “Interferons and Glatiramer acetate Long-Term Clinical Efficacy And MRI Findings”
Consortium of MS Centers Annual Meeting, San Diego, CA
- 2003 Adherence to Disease Modifying Therapies: The Role of the Nurse“
Consortium of MS Centers Annual Meeting, San Diego, CA
- 2004 “Advanced Practice Nursing in MS-Case Study Analysis”
Consortium of Multiple Sclerosis Centers CME program, Toronto, Canada
- 2004 “Basic Immunology and MRI Considerations in MS”
Consortium of Multiple Sclerosis Centers CME program, Toronto, Canada
- 2005 “How Far Have We Come in Addressing QoL in MS?”
CME Satellite Presentation Consortium of MS Centers Annual Meeting
Orlando, FL
- 2005 “CMSC Recommendations for Care in MS”
VA Center of Excellence Annual Meeting, Baltimore, MD
- 2006 “Quantifying MS”
Aurora HealthCare CE program, Milwaukee, WI

- 2006 "Providing Support in MS Care"
University of Maryland CME event, Baltimore, MD
- 2007 "MS: Immunological Perspective"
Canadian MS Nurses, Montreal, CA
- 2007 "Role of the MS Nurse"
Veterans Administration MS Center of Excellence, Nurse CE teleconference
- 2008 "MS Overview", "Symptom Management"
VA MS Center of Excellence East MS Update program
East Orange, NJ; Washington, DC; Syracuse, NY
- 2008 "Advanced Practice Nursing: Making the Correct Diagnosis"
Consortium of MS Centers Annual Meeting, Denver, CO
- 2008 "Advanced Practice Nursing and MS Care"
Univeristy of Maryland School of Nursing Graduate Program, Baltimore MD
- 2009 "MS Overview", "Symptom Management", "Advanced MS"
VA MS Center of Excellence East MS Update program
San Juan, PR; Manchester; NH, Salisbury, NC
- 2009 "Current Topics in MS Advanced Practice Nursing"
Consortium of MS Centers Annual Meeting, Atlanta, GA
- 2009 "Advanced Practice Nursing and MS Care"
Univeristy of Maryland School of Nursing Graduate Program, Baltimore, MD

PUBLICATIONS

1. Costello, KM, Conway, KL (1997). Management of patients receiving interferon beta-1b. Rehabilitation Nursing, 22 (2), 62-66.
2. The Multiple Sclerosis Nurse Specialists Consensus Committee for Cognitive Impairment: Miller, C, Costello, K, Greinel, E, Kelley, L, Perrin-Ross, A, Pfohl, D, Wiesel-Levinson, P (1998). Cognitive impairment: assessment and interventions. Multiple Sclerosis: Key Issues in Nursing Management. Columbia: Medicalliance.
3. Costello, K, Hill, C, Tranter, M (2000). Multiple Sclerosis in the Primary Care Setting: Key Issues for Diagnosis and Management. The American Journal for Nurse Practitioners. 4(8), 9-26.
4. The Multiple Sclerosis Nurse Specialists Consensus Committee: Costello, K Group Leader, Breitbach, W, Clesson, I, Halper, J, Kennedy, P, Namey, M (2000). Role of the Nurse in Pharmacologic Therapy of MS. Multiple Sclerosis: Best Practices in Nursing Care. Columbia: Medicalliance.
5. Dhib-Jalbut, S, Chen, M, Costello, K, Panitch, H. Effect of combined IFN β -1a and glatiramer acetate (GA) therapy on GA-T-cell responses in MS. (2000) Abstract 53rd Annual Meeting of the American Academy of Neurology
6. Costello, K New Hope for Progressive Multiple Sclerosis. (2001) Advanced Concepts in Multiple Sclerosis Nursing, Halper, J, ed. Demos Vermande, New York, NY pp 27-39, 2001.

7. Dhib-Jalbut S, Chen M, Henschel K, Ford D, Costello K, Panitch H. Effect of combined IFNbeta-1a and glatiramer acetate therapy on GA-specific T-cell responses in multiple sclerosis. [Clinical Trial. Journal Article. Multicenter Study] Multiple Sclerosis. 8(6):485-91, 2002 Dec.
8. Costello, K, Halper, J, Harris, C, eds. (2003) Nursing Practice in Multiple Sclerosis, A Core Curriculum, Demos Medical Publishing, New York, NY.
9. Costello, K, Harris, C Work Group Leaders “Roles” in Monograph: Advanced Practice Nursing in Multiple Sclerosis Advanced Skills, Advancing Responsibilities. Bioscience Communications: New York, 2003.
10. Costello, K, Harris, C. (2003). Differential diagnosis and management of fatigue in multiple sclerosis. Journal of Neuroscience Nursing, 35(3), 139-148.
11. Harris C, Costello K, Halper J, Hinrichs J, Hutchinson B, Naunton A, Yeung M (2003) Consortium of multiple sclerosis centers recommendations for care of those affected by multiple sclerosis. International Journal of MS Care. 5(3) 67-78.
12. Halper J, Costello K, Harris C, Kennedy P (2003) Multiple Sclerosis: long term adherence to complex treatments. Supplement to the International Journal of MS Care. December: 6-24.
13. Denis L, Namey M, Costello K, Frenette J, Gagnon N, Harris C, Lowden D, McEwan L, Morrison W Poirier J on behalf of the North American MS Nurses’ Treatment Optimization Group (2004) Long-term treatment optimization in individuals with multiple sclerosis using disease-modifying therapies: a nursing approach. Journal of Neuroscience Nursing. 36(1).
14. Costello, K, Harris C, Halper, J, Perrin-Ross, A Adherence to Disease Modifying Therapies International Journal of MS Care. Supplement. December 2004.
15. Porter B (Chair), Costello K, Halper J, Harris C, Perrin-Ross A, The Whitaker-McFarlin Multiple Sclerosis Colloquium Topics in Multiple Sclerosis (1) An Immunological Perspective
A CME/CE monograph jointly sponsored by the University of Minnesota and the International Organization of MS Nurses, 2004.
16. Valenzuela R, Costello K, Chen M, Johnson K, Dhib-Jalbut S, Ex-vivo cellular IL-4/IFN-gamma ratio correlates with clinical response to glatiramer acetate (Copaxone) in multiple sclerosis. (2005) Abstract 57th Annual Meeting of the American Academy of Neurology.
17. Pulicken M, Bash CN, Costello K, Said A, Cuffari C, Wilterdink JL, Rogg JM, Mills P, Calabresi PA. Optimization of the safety and efficacy of interferon beta 1b and azathioprine combination therapy in multiple sclerosis. [Clinical Trial. Journal Article] Multiple Sclerosis. 11(2):169-74, 2005 Apr.
18. Costello K *Worsening MS* in Namey M, Halper J, Costello K, Morgante L. *Case Management I Multiple Sclerosis A Stage by Stage Guide to MS Care for Nurse Case Managers* International Organization of MS Nurses 2006.
19. Costello K and Harris C. An Overview of Multiple Sclerosis: Diagnosis and Management Strategies Medscape Topics in Advanced Practice Nursing e-Journal 6:3 2006.
20. Halper J, Costello K, Harris C, eds. (2006) Nursing Practice in Multiple Sclerosis, A Core Curriculum, Demos Medical Publishing, New York, NY.

21. Costello K Therapeutic advances in the treatment of progressive forms of multiple sclerosis in Advanced Concepts in Multiple Sclerosis Nursing 2nd Edition, Halper, J, ed. Demos Vermande, New York, NY. 2007.
22. Costello K, Sipe J (2008) The potential for oral cladribine in multiple sclerosis. Journal of Neuroscience Nursing 40(5), 275-280.
23. Costello K, Kennedy P, Scanzillo, J (2008) Recognizing nonadherence in patients with multiple sclerosis and maintaining treatment adherence in the long term. Medscape Journal of Medicine. 10(9):225.
24. Costello K, Halper J (2009) The advanced role of nonphysician practitioners and nurses in managing multiple sclerosis. Medscape CME. <http://cme.medscape.com>

POSTERS/ABSTRACTS

1. Martin C, Costello K, Ehrmantraut M. Empowering Family Caregivers for Individuals with Multiple Sclerosis. Presented at the 19th Annual Meeting of the Consortium of Multiple Sclerosis Centers. Orlando, Florida June 2005.
2. Martin C, Ehrmantraut M, Culpepper J, Shin R, Costello K. Academic Detailing to improve neurology resident knowledge and self-efficacy about disease modifying therapies used for treatment of MS. Presented at the 19th Annual Meeting of the Consortium of Multiple Sclerosis Centers. Orlando, Florida June 2005.
3. Provance P, Martin C, Costello K, Culpepper J, Makely M. The Effects of Static and Dynamic Standing in Multiple Sclerosis. Presented at the 19th Annual Meeting of the Consortium of Multiple Sclerosis Centers. Orlando, Florida June 2005
4. Costello K, Scanzillo J, Hundley S, Kennedy P. Choosing therapy for multiple sclerosis: whose decision is it? Presented at the 22nd Annual Meeting of the Consortium of Multiple Sclerosis Centers. Denver, CO May 2008.
5. RM Valenzuela, MD, M Kaufman, MD, P Russo, APN, M Picone, MD, J Halper, RN, K Costello, APN, Y Rosario, APN, K Balashov, MD, PhD, K Ito, PhD and S Dhib-Jalbut, MD. Predictive biomarkers of clinical response to glatiramer acetate (GA) therapy in multiple sclerosis (MS). Presented at the 61st Annual Meeting of the Academy of Neurology. Seattle Washington April 2009.

PROFESSIONAL AND COMMUNITY SERVICE

1993-Current	Speaker for the Maryland Chapter of the National Multiple Sclerosis Society
1997-1999	Editorial Advisor for <u>MS Exchange</u> National Multiple Sclerosis Society and The Consortium of Multiple Sclerosis Centers
1999-2001	Secretary, International Organization of Multiple Sclerosis Nurses
2000-2002	Clinical Advisory Committee member National Multiple Sclerosis Society, Maryland Chapter
2001-2002	President-elect, International Organization of Multiple Sclerosis Nurses
2001-2005	Clinical Care Committee member, Consortium of MS Centers
2001-2005	Profession Education Committee member, National Multiple Sclerosis Society

2002 – 2004	President, International Organization of Multiple Sclerosis Nurses
2003 – 2006	John Dystel Nursing Fellowship Committee member. National Multiple Sclerosis Society
2007 – 2008	Clinical Care Committee member, Consortium of Multiple Sclerosis Centers
2007 – 2008	APN Executive Council member, University of Maryland Medical Center
2008 - Present	Project Director, Multiple Sclerosis Specialist Certification Project Consortium of MS Centers
2008 – Present	Board of Governors member at large, Consortium of MS Centers
2008 – Present	Co-Chair Research Committee, International Organization of Multiple Sclerosis Nurses
2009 – Present	Co-Chair Professional Advisory Committee, National MS Society Maryland Chapter