

LAURIE M. RAPPL, PT, DPT, CWS

205 Staffordshire Way
Simpsonville, SC 29681
864-915-5679; lrappl630@gmail.com



PROFESSIONAL EXPERIENCE

- Laurie Rappl, Freelance Dec 2015 - present
- ◆ *Scientific writing for clinical peer-reviewed journals*
 - ◆ *Motivational speaker*
 - ◆ *Represent the wound patient voice in regulatory affairs*
- Nuo Therapeutics (formerly Cytomedix); Gaithersburg, MD Feb 2009 – Dec 2015
- ◆ *Clinical Manager and Specialist*
 - ◆ *Assisted sales and marketing staff in development of more than 100 clinical customers; responsibilities included follow-up, consultations, and government and regulatory affairs*
 - ◆ *Conducted product training and business presentations at all levels – patient, clinician, management, and “C-suite” levels*
 - ◆ *Initiated and supported sales to Veteran’s Affairs (VA) Hospitals.*
 - ◆ *Provided product and wound care education through speaking at 10 regional and national conferences, publishing 3 articles in peer-reviewed journals, and participating in on-line blogging sites.*
 - ◆ *Developed alternative markets for autologous platelet products*
- Span-America Medical Systems; Greenville, SC Feb 1996 – Feb 2009
- ◆ *Developed the Clinical Manager Role with CEU seminars, 35 product-related studies, 10 articles or posters, invited presenter at 50 regional, national, and international wound management conferences*
 - ◆ *Responsible for clinical validation durable medical equipment - mattresses, seat cushions, positioners.*
 - ◆ *Assist in the presentation and support of products to national and regional accounts*
- Embracing Concepts; Rochester, NY (purchased by Span-America) Sept 1989 – Feb 1996
- ◆ *Co-founder of this company, to bring self-designed products to market. Introduced the ISCH-DISH Pressure Relief Seat Cushion, SACRAL-DISH Back Cushion, and other unique products.*
 - ◆ *Responsible for introduction of products to clinicians, dealers and distributors.*
 - ◆ *Developed sales staff of 12 independent representatives.*
- BOCES #1 Monroe Schools; Rochester, NY Sept 1984 – Aug 1992
- ◆ *Senior physical therapist for a pediatrics population. Caseload and supervisory responsibilities*
 - ◆ *Designed and produced videos on proper body mechanics for school staff.*
 - ◆ *Established Therapeutic Swimming program and recreational downhill skiing programs*
- Travelling Therapist Corps; Malden, MA April 1984 – July 1984
Staff therapist, rural hospitals in Brunswick and Bath, ME
- University of Wisconsin at LaCrosse; LaCrosse, WI Sept 1983
Guest instructor in spinal cord injury rehabilitation
- Polinsky Rehabilitation Center; Duluth, MN Sept 1979 – Aug 1983
Staff therapist: acute outpatient and rehabilitation in-patient. Established Group Therapy program.
- Craig Hospital; Denver, CO June 1980 – Oct 1981
Completed inpatient rehabilitation and bracing programs following T-12 spinal cord injury

EDUCATION

- 2010 Doctorate in Physical Therapy, College of St. Scholastica, Duluth, MN
- 2005 Completed the International Interdisciplinary Wound Care Course, University of Toronto
- 1999 Certified Wound Specialist (CWS) through the American Academy of Wound Management
- 1985 Graduate Coursework - University of Rochester & St John Fisher College; Rochester, NY
- 1979 Bachelor of Arts in Physical Therapy from College of St Scholastica; Duluth, MN
Cum Laude graduate, Outstanding Student Award

Association for the Advancement of Wound Care – Organizer of Patient/Caregiver Group 2010-present; Program Director Cambodian affiliates of Global Volunteers Program 2007-present; Member of Board of Directors 2004-2008

Editorial Reviewer - Ostomy/Wound Management and the International Wound Journal

National Pressure Ulcer Advisory Panel – past member Board of Directors

Department of Defense (DOD) Peer Reviewed Medical Research Program 2018-2020 – Consumer Reviewer for Pressure Ulcers and Spinal Cord Injury

BOOK CHAPTERS AND CURRICULUM

Skin and Wound Care for the Spinal Cord Injured Patient – Wound Component of Core Curriculum of Wound Ostomy Continence Nurses Core Curriculum, 2016, 2020 revision in press.

Rappl L. “Management of Pressure by Therapeutic Positioning” In: Wound Care: A Collaborative Practice Manual for Physical Therapists And Nurses, eds. Sussman, Bates-Jensen, Aspen Publications, 1999, 2002, 2006, 2012.

Rappl L. “Prevention and Treatment of Wounds Caused by Pressure”. In: Wound Healing: Alternatives in Management, Kloth, McCullough, F.A.Davis Co., 2000, 2008.

PEER-REVIEWED JOURNAL ARTICLES – most recent

Call E, Rappl L. Use of a Support Surface Standard to Test the Effects of a Turning and Positioning Device vs Low-Air-Loss Therapy on Temperature and Humidity. Adv Skin Wound Care. 2020 In Press.

Call E, Oberg C, Streit I, Rappl, L. Comparing Fluid Handling and Microclimate Conditions Under Superabsorbent Polymer and Superabsorbent Foam Dressings Over An Artificial Wound. WCET® Journal 2019;39(4):11-23.

Raizman R, MacNeil M, Rappl LM. Utility of a sensor-based technology to assist in the prevention of pressure ulcers - a clinical comparison. Int Wound J. 2018;Aug:1–12.

References available on request.

PEER-REVIEWED JOURNAL ARTICLES

Call E, Rapp L. Use of a Support Surface Standard to Test the Effects of a Turning and Positioning Device vs Low-Air-Loss Therapy on Temperature and Humidity. *Adv Skin Wound Care*. 2020 In Press.

Call E, Oberg C, Streit I, Rapp L. Comparing Fluid Handling and Microclimate Conditions Under Superabsorbent Polymer and Superabsorbent Foam Dressings Over An Artificial Wound. *WCET® Journal* 2019;39(4):11-23.

Raizman R, MacNeil M, Rapp LM. Utility of a sensor-based technology to assist in the prevention of pressure ulcers - a clinical comparison. *Int Wound J*. 2018;Aug:1–12.

De Leon J, Driver V, Fyelling C et al. The clinical relevance of treating chronic wounds with an enhanced near-physiological concentration of platelet-rich plasma gel. *Adv Skin Wound Care* 2011;24:357–368.

Rapp LM. Effect of platelet-rich plasma gel in a physiologically relevant platelet concentration on wounds in persons with spinal cord injury. *Int Wound J* 2011; 8:187–195.

Rapp L. Physiological changes in tissues denervated by spinal cord injury and possible effects on wound healing. *International Wound Journal*. 2008 July; 5(3):435-444.

Rapp L, Fleck C, Hecker D, Wright K, Fredericks C, Mrdjenovich D. Wound Care Organizations, Programs and Certifications: An Overview. *Ostomy/Wound Management* 2007;53(11):28-39.

Rapp L. Clarifying confusion on support surfaces. *Extended Care Product News*. 2007 March.

Editor for “The Lived Experience”, column for AAWC Newsletter, 2006 – 2007.

Rapp L. Through her eyes. *Advance for Directors in Rehabilitation*. 2005 Sept;14(9):51.

Norton L, Rapp L, Sibbald G. Thinking outside the bed: managing interface pressure. *Intl Jrnl Therapy and Rehab*. 2005 Apr;12(4):165-170.

Rapp L. Non-compliance: adding insult to injury. *Ostomy Wound Manage*. 2004 May;50(5):6, 8.

Anderson C, Rapp L. Lateral rotation mattresses for wound healing. *Ostomy Wound Manage*. 2004 Apr;50(4):50-62.

Anderson C, Rapp L. Author reply. *Ostomy Wound Manage*. 2005 Feb;51(2):12-3.

Cordrey R, Van Steelandt C, Rapp L. Accurate Use of Anatomical Terms by Health Care Professionals. *Acute Care Perspectives*. 12(1): 9-10, Spring 2003.

Rapp L. Pressure ulcers and lateral rotation beds: a case study. *J Wound Ostomy Continence Nurs*.

2003 Sep;30(5):239-40; author reply 240.

Branom R, Rappl L. "Constant force technology" versus low-air-loss therapy in the treatment of pressure ulcers. *Ostomy Wound Manage.* 2001 Sep;47(9):38-46. Erratum in: *Ostomy Wound Manage* 2001 Nov;47(11):6.

Rappl L, Hagler D. The XY&Zs of seating issues. Steps to receive seating equipment funding in the long-term-care setting. *Rehab Manag.* 1998 Apr-May;11(3):42, 45-7.

Rappl L. Physical therapy association creates special interest group for wound management. *Ostomy Wound Manage.* 1996 Sep;42(8):62, 64.

Rappl L. What is non-compliance and how do I handle it? *SCI Nurs.* 1995 Mar;12(1):25.

Rappl L. Product notebook: a conservative treatment for pressure ulcers. *Ostomy Wound Manage.* 1993 Jul-Aug;39(6):46-8, 50-5.

Contributing writer on psychological aspects of disability to *SCI Nurses Association Journal*.

ORAL AND POSTER CONFERENCE PRESENTATIONS

2019, October – Canadian Association of Wound Care – Niagara, Ontario

Poster: Measuring the Microclimate Impact of Heat and Water Vapor on Patient Turn and Position Devices (TPD)

2018, April – Symposium on Advanced Wound Care – Charlotte, NC

Poster: The Lived Experience: Breast Cancer, Femoral Fracture, and Stage IV Pressure Injury With Overlying Spinal Cord Injury

2017, June – Sharp Rehabilitation Hospital Annual Wound Care Conference, San Diego, CA

Keynote: Understanding the Impossible, Finding the Possible

2015, Oct – Advances in Wound Healing, Univ. of Pittsburgh Med Cntr, Cranberry Township, PA

Session: The Human Connection: The Patient's Perspective on Wound Care

2015, Sept – Paralyzed Veterans of America Summit – Jacksonville, FL

Session: Platelet Gel for Wound Healing

2015, April – Symposium on Advanced Wound Care – San Antonio, TX

Session: The Human Connection: The Patient Perspective on Wound Care

Session: Global Volunteers – Cambodian Hospitals

2015, February – National Pressure Ulcer Advisory Panel Biannual Consensus Conference

Session: The Patient and the Caregiver

2014, October – Symposium on Advanced Wound Care – Las Vegas, NV

Poster: Platelet Rich Plasma Gel Consistently Reduces Pressure Ulcer Size

2014, September - Clinical Symposium on Advanced Skin and Wound Care – Las Vegas, NV

Poster: Platelet Rich Plasma Gel Consistently Reduces Pressure Ulcer Size

2014, April – Symposium on Advanced Wound Care – Orlando, FL

Session: Pressure Ulcers in Spinal Cord Injury

2012, August – Summit 2012 + Expo

Session: Platelet Rich Plasma (PRP) Gel for Wounds on Persons with SCI

2011, February – Combined Sections APTA New Orleans, LA

Session: The Why's and How-to-Heal's of the Skin Integrity of SCI

2010, April – Symposium on Advanced Wound Care – Orlando, FL

Oral Presentation: Response of Wounds of SCI Patients to Autologous Platelet Rich Plasma Gel

Poster: Platelet Rich Plasma – A Comparison of Outcomes from Clinical Trials on Chronic Wounds

Poster: Log & Blog, Greet & Meet, Discern & Learn: Introducing the Patient/Caregiver Resource and Blogging Website of the AAWC

2008, June – WOCN National Conference

Session: Qualitative Research

2008, June – Heartland Conference

Session: Preventing Falls, Entrapment and Skin Problems with Mattresses and Seating

2008, June – World Union of Wound Healing Societies

Session: What is “Bedrest” Really Like?

Posters: Objectively Testing Edge Stability of Support Surfaces, Starting a Wound Care Program in a Developing Country, Back to Basics: Improving Wound Care Delivery in Developing Nations and the Lessons We Can Apply at Home, How Physiological Differences in Denervated Tissue Impair Wound Healing.

2008, February – Combined Sections Meeting of the American Physical Therapy Assoc.

Session: Wound Care in Developing Countries

2007, October – Medtrade

Session: Support Surfaces in Homecare

2007, September – Canadian Seating and Mobility Conference

Session: Preventing Falls, Entrapment, and Skin Problems with Mattresses and Seating

2007, August – Tennessee Healthcare Association

Session : Support Surfaces to Address Pressure Ulcers, Falls and Entrapment

2007, May – Washington Healthcare Association

Session : Support Surfaces to Address Pressure Ulcers, Falls and Entrapment

2007, April – Symposium on Advanced Wound Care

Session : Educating the Community Provider

Session : World Wound Care Association

2006, Nov – Shopper’s Home Health Care Innovations Conference

Session : Why Do My Wounds Take So Long to Heal ?

2006, Oct – Canadian Seating and Mobility Conference

Sessions: Wound Care and Seating: A Match Made in Heave

An Introduction to Hospital Bed Safety and Entrapment Guidelines

2006 Medtrade

Session: Support Surfaces for HomeCare

2006, Oct – MidEast Region WOCN

Session: Seating for Wound Care

2006, June – Rehab Engineering Society of North America (RESNA)

Session: All Things Skin

2006 May – Symposium on Advanced Wound Care

Session: Patient Education

2006, May - Florida Health Care Association

Keynote: My Life as a Patient

2005 Medtrade

Session: Seating, Mattresses, and Wound Care

2005, Oct - New England Region WOCN

Session: Seating and Positioning Techniques

2005, Sept – Canadian Seating and Mobility Conference

Session: Clarifying Mattresses and Support Surfaces

2005, June - American Physical Therapy Association

Session: Mentoring: Building Links That Connect and Free

2005, May - Northern Illinois Affiliate of WOCN

Session: SCI Skin Issues – Physiologic changes and pseudobursas

2005, April – Symposium on Advanced Wound Care

Session: Who Asked You?

Keynote: Succeeding Where Superman Failed: Managing Difficult Pressure Ulcers from Behavioral to Genetic Approaches

2004 Oct – Medtrade

Session: Four Keys to Seizing Control of your Support Surface market

Session: Choosing the Right Mattress for the Right Patient

2004 RESNA

Session: Challenges of Pressure in Daily Activities

2004 Symposium on Advanced Wound Care

Session: Mentoring

2002 Symposium on Advanced Wound Care

Poster: The Accuracy of Naming Wound Locations in Hospitals