

PUBLICATIONS

A. Books:

Neumann DA: *Kinesiology of the Musculoskeletal System: Foundations for Rehabilitation* (third edition), Elsevier, 2017 (8 languages).

Mansfield PJ and Neumann DA: *Essentials of Kinesiology for the Physical Therapist Assistant*, Elsevier, third edition, 2019. (4 languages).

B. Book Chapters:

Neumann DA: *The Synovial Joint: Anatomy, Function, and Dysfunction*, In *Clinical Approach to Diagnosis and Management of Arthritis*. Orthopaedic Section of the American Physical Therapy Association, LaCrosse, WI, 1997.

Neumann DA: *Arthrokinesiologic Considerations for the Aged Adult*. In A.A. Guccione (ed): *Geriatric Physical Therapy*, Chicago, Mosby-Yearbook, 2000 (second edition).

Bielefeld T and Neumann DA: *Therapist's Management of the Thumb Carpometacarpal Joint with Osteoarthritis* (Chapter 106). In Skirven TM et al (eds): *Rehabilitation of the Hand and Upper Extremity*, Elsevier, 2011.

Neumann DA: *Lead Contributor to The Hip*, in *Gray's Anatomy (British edition): The Anatomical Basis of Clinical Practice* (editor: Standring S), 41th ed, St Louis, Elsevier, 2016.

Neumann DA: *Fundamentals and Clinical Considerations of the Muscles of the Hip*. In *Hip Joint Restoration*. Eds: McCarthy J, Villar R, Noble P: Springer, New York, 2017.

Neumann DA: *Lead Contributor to Pelvic Girdle, Hip and Thigh*, in *Gray's Anatomy (British edition): The Anatomical Basis of Clinical Practice* (editor: Standring S), 42sd ed, St Louis, Elsevier, Submitted, 2019.

C. Articles (Refereed or Invited):

Neumann DA: *Use of Diaphragm to Assist in Rolling in the Patient with Quadriplegia*. *Phys Ther* 59: 39, 1979.

Neumann DA: *Exercise Positions for Treating the Patient with Quadriplegia*. *Phys Ther* 60: 1291-1292, 1980.

Neumann DA and Cook TM: *Effect of Load and Carry Position on the Electromyographic Activity of the Gluteus Medius during Walking*. *Phys Ther* 65: 305-311, 1985.

Cook TM and Neumann DA: *The Effects of Load Placement on the EMG Activity of the Low Back Muscles during Load Carry by Men and Women*. *Ergonomics* 30: 1413-1423, 1987.

Neumann DA, Soderberg GL, and Cook TM: Comparison of Maximal Isometric Hip Abductor Torque across Hip Sides. *Phys Ther* 68: 496-502, 1988.

Neumann DA, Soderberg GL and Cook TM: Electromyographic Analysis of the Hip Abductor Musculature in Healthy Right-handed Persons. *Phys Ther* 69: 431-440, 1989.

Neumann DA: A Biomechanical Analysis of Selected Principles of Hip Joint Protection. *Arthritis Care and Research* 3: 146-155, 1989.

Neumann DA, Sobush D, and Paschke S, and Cook TM: An Electromyographic Analysis of the Hip Abductor Muscles during a Standing Work Task. *Arthritis Care and Research* 3: 116-126, 1990.

Neumann DA, Sholty R, Cook TM and Sobush DC: An Electromyographic Analysis of Hip Abductor Muscle Activity When Subjects are Carrying Loads in One Hand or Both Hands. *Phys Ther* 72: 207-217, 1992.

Rajala GM, Neumann DA, Foster C, and Jensen RJ: Quadriceps Muscle Performance in Male Speed Skaters. *J Strength and Con Res* 8(1): 48-52. 1994.

Neumann DA, Hase AD: An Electromyographic Analysis of Hip Abductors During Load Carriage: Implications for Hip Joint Protection. *J Orthop Sports Phys Ther* 19: 296-304, 1994.

Neumann DA: Hip Abductor Muscle Activity in Persons with a Hip Prosthesis While Carrying Loads in One Hand. *Phys Ther* 76: 1320-1330, 1996.

Neumann DA: Hip Abductor Muscle Activity as Subjects with a Hip Prosthesis Walked With Different Methods of Using a Cane. *Phys Ther* 78: 490- 501, 1998.

Neumann DA: Joint Deformity and Dysfunction: A Review of the Underlying Mechanisms. *Arthritis Care and Research* 12: 139-151, 1999.

Neumann DA: An Electromyographic Study of the Hip Abductor Muscles as Subjects with a Hip Prosthesis Walked With Different Methods of Using a Cane and Carrying a Load. *Phys Ther* 79: 1163-1176, 1999.

Neumann DA and Bielefeld T: Carpometacarpal Joint: Stability, Deformity and Therapeutic Intervention: *J Orthop Sports Phys Ther*, 33: 386-399, 2003.

Neumann DA: The poliovirus and the early days of physical therapy: what's the connection? [guest editorial]. *34(8):428-429*, 2004.

Neumann DA: Polio: Its Impact on the People of the United States and the Emerging Profession of Physical Therapy (Invited Historical Review). *J Orthop Sports Phys Ther*, 34: A1-A14, 2004

Bielefeld T and Neumann DA: The Unstable Metacarpophalangeal Joint: Pathomechanics and Physical Therapy Management. *J Orthop Sports Phys Ther*, 35: 502-520, 2005.

Neumann DA: The Actions of Hip Muscles. *J Orthop Sports Phys Ther*, 40: 82-94, 2010.

Neumann DA: Arthrokinematics: Flawed or Just Misinterpreted? [guest editorial]. J Orthop Sports Phys Ther, 34:428-429, 2012.

Neumann DA, Garceau LR: A Proposed Novel Function of the Psoas Minor Revealed Through Cadaver Dissection. Clin Anat 28: 243-252, 2015.

Deering RE, Senefeld JW, Pashibin T, Neumann DA, Hunter SK: Muscle Function and Fatigability of Trunk Flexors in Males and Females. Biology of Sex Differences 8:1-12, 2017.

Deering R, Senefeld J, Pashibin T, Neumann D, Cruz M, and Hunter SK. Fatigability of the Lumbopelvic Stabilizing Muscles in Women 8 and 26 Weeks Postpartum. Journal of Women's Health Physical Therapy 2018, 42(3): 128-138.

Malloy P, Neumann, D, Kipp K: People with Femoroacetabular Impingement Syndrome Demonstrate Greater Kinematic and Kinetic Differences During a Single-Leg Squat Than a Double-Leg Squat Task When Compared to People Without Hip Pain. J Orthop Sports Phys Ther. Accepted, in press 2019.

Neumann DA , Camargo PR: Kinesiologic Considerations for Targeting Activation of Scapulothoracic Muscles: Part 1: Serratus Anterior. Braz J Phys Ther; Published online ahead of print, <https://doi.org/10.1016/j.bjpt.2019.01.008>

Camargo PR, Neumann DA: Kinesiologic Considerations for Targeting Activation of Scapulothoracic Muscles: Part 2: Trapezius. Braz J Phys Ther; Published online ahead of print, <https://doi.org/10.1016/j.bjpt.2019.01.011>