

## I. PUBLICATIONS

### A. Books

1. **Neumann DA:** *Kinesiology of the Musculoskeletal System: Foundations for Rehabilitation* (second edition), Elsevier, 2010 (translated in 7 languages).
2. **Mansfield PJ and Neumann DA:** *Essentials of Kinesiology for the Physical Therapist Assistant*, Elsevier, second edition, 2014.

### B. Book Chapters

1. **Neumann DA:** Fundamentals of Hip Muscle Function. *In Advances in Hip Arthroscopy*. Eds: McCarthy J, Villar R, Noble P: Springer, New York, in press; expected print date, 2016.
2. **Neumann DA:** The Hip, in Gray's Anatomy (British edition): The Anatomical Basis of Clinical Practice (editor: Standring S), 41th ed, St Louis, Elsevier; 2015
3. 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
4. **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.
5. **Neumann DA:** *Arthrokinesiology Considerations for the Aged Adult*. In A.A. Guccione (ed): *Geriatric Physical Therapy*, Chicago, Mosby-Yearbook, 2000 (second edition).

### C. Articles (Refereed or Invited)

1. **Neumann DA:** Use of Diaphragm to Assist in Rolling in the Patient with Quadriplegia. *Phys Ther* 59: 39, 1979.
2. **Neumann DA:** Exercise Positions for Treating the Patient with Quadriplegia. *Phys Ther* 60: 1291-1292, 1980.
3. **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.
4. 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.

5. **Neumann DA**, Soderberg GL, and Cook TM: Comparison of Maximal Isometric Hip Abductor Torque across Hip Sides. *Phys Ther* 68: 496-502, 1988.
6. **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.
7. **Neumann DA**: A Biomechanical Analysis of Selected Principles of Hip Joint Protection. *Arthritis Care and Research* 3: 146-155, 1989.
8. **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.
9. **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.
10. 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.
11. **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.
12. **Neumann DA**: Hip Abductor Muscle Activity in Persons with a Hip Prosthesis While Carrying Loads in One Hand. *Phys Ther* 76: 1320-1330, 1996.
13. **Neumann DA**: Hip Abductor Muscle Activity as Subjects with a Hip Prostheses Walked With Different Methods of Using a Cane. *Phys Ther* 78: 490- 501, 1998.
14. **Neumann DA**: Joint Deformity and Dysfunction: A Review of the Underlying Mechanisms. *Arthritis Care and Research* 12: 139-151, 1999.
15. **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.
16. **Neumann DA** and Bielefeld T: Carpometacarpal Joint: Stability, Deformity and Therapeutic Intervention: *J Orthop Sports Phys Ther*, 33: 386-399, 2003.
17. **Neumann DA**: Neumann DA. The poliovirus and the early days of physical therapy: what's the connection? [guest editorial]. 34(8):428-429, 2004.

18. **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
19. Bielefeld T and **Neumann DA:** The Unstable Metacarpophalangeal Joint: Pathomechanics and Physical Therapy Management. J Orthop Sports Phys Ther, 35: 502-520, 2005.
20. **Neumann DA:** The Actions of Hip Muscles. J Orthop Sports Phys Ther, 40: 82-94, 2010.
21. **Neumann DA:** Arthrokinematics: Flawed or Just Misinterpreted? [guest editorial]. 34 :428-429, 2012.
22. **Neumann DA, Garceau LR:** A Proposed Novel Function of the Psoas Minor Revealed Through Cadaver Dissection. Clin Anat 28: 243-252 2015