

CURRICULUM VITAE

Steven Howard Pepper, PT, PhD

Clinical Professor

University of Delaware - Department in Physical Therapy

Date November 2008

Contact Information

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Education

1979 B.S. in Physical Therapy
School of Medicine, University of Maryland, Baltimore, Maryland

1981-1990 Ph.D. Experimental Pathology
School of Medicine, University of Maryland, Baltimore, Maryland
Recovery of Heart Tissue Following Focal Injury
Dr. Wolfgang Mergner

Post Graduate Education and Training

None

Medical Licensures

Physical Therapy License Maryland
Active

Physical Therapy License Virginia
In-Active

Employment History

Academic Appointments

1980 - 1990 Instructor, University of Maryland, School of Medicine, Department of Physical Therapy, Baltimore, MD

1990-1993 Assistant Professor, University of Maryland, School of Medicine, Department of Physical Therapy, Baltimore, MD

1993-2000 Associate Professor, Shenandoah University, Division of Physical Therapy, Winchester, VA

2001-2005 Full Professor, Division of Physical Therapy at Shenandoah University, Winchester, VA

2005-present Adjunct professor Marymount University, University of Northern Arizona, Daemen College, the Ohio State University, Utica College, George Washington University and others

2006-present Clinical Professor, University of Delaware, Department of Physical Therapy

2008-present Clinical Professor, Part-time, University of Maryland, School of Medicine, Department of Physical Therapy and Rehabilitation Science

Other Employment

1979 - 1980 Staff Physical Therapist, Baltimore City Hospitals, Baltimore, MD
2004-present President of Rehab Essentials, Inc an education software company.

Professional Society Memberships

1977 - present American Physical Therapy Association #20555
1979 -1981 Maryland Kinesiological Society
1980 - Program Chair
1983 - present Cardiovascular and Pulmonary Section of the APTA
1988 - 2003 Member of the American Association of Cardiovascular and Pulmonary Rehabilitation (AACVPR)
1988 - 1990 Member of the International Society of Lymphology
2008 - present Member of the Physical Therapy Learning Institute

Honors and Awards

1979 Graduating with Honors in Research, UMB
1979 Who's Who in American Colleges
1983 Outstanding Faculty Award, University of Maryland.
1986 Outstanding Faculty Award, University of Maryland.
1989 Annual Independent Research Award, University of Maryland.
1991 Annual Independent Research Award, University of Maryland.
1992 Annual Independent Research Award, University of Maryland.
1992 Outstanding Faculty Award, University of Maryland.
1995 Best Platform Presentation - CSM APTA Cardiopulmonary Section.
Kinematic analysis of treadmill accommodation after a warm-up on increasing the reliability of submaximal exercise testing.
1999 Cardiopulmonary Sections Linda Crane Merit Award
2000 Awarded "Exemplary Training in Cardiopulmonary Physiology and Rehabilitation" from Rehabilitation Medicine Department, National Institutes of Health.
2001 Awarded the "Wilkins Award" for service to the Shenandoah University.
2003 "Alumnus of the Year" in recognition of outstanding achievements in the field of physical therapy, presented by University of Maryland, October, 2003.
2005 Represented the APTA for in front of Medicare Coverage Advisory Committee at Center's for Medicare/Medicaid for promotion of healthy lifestyle for prevention of heart disease and diabetes.
2005 *Robert C Bartlett Innovation in Fundraising Award* by the Foundation for Physical Therapy, presented at APTA's National Conference, Boston, MA, June 2005.
2006 Represented APTA in front of CMS for regarding Cardiac Rehab Proposal, January 12, 2006.
2007 Outstanding Service presented by Geriatric Rehabilitation Education and training Institute. Presented January 27th, 2007.

Clinical Activities

1979 - 1980 Staff physical therapist at Baltimore City Hospital. Primarily performed cardiac exercise testing and Phase 1 - 3 rehabilitation.
1993 - 2005 Staff physical therapist at Winchester Medical Center. Primarily performed Phase 1 cardiac rehabilitation.

Administrative Service

- 2000–2005 Director of the Division of Physical Therapy both entry level DPT and tDPT program at Shenandoah University, Winchester, VA
- 2006-present Director of Distance Education tDPT Program at Marymount University

Institutional Service

- 2001–2003 Chair of Health Professions Council at Shenandoah University, Winchester, VA

Local and National Service

- 1979-1980 Program Chair for the Maryland Kinesiological Society
- 1990 - 1998 Research Chair of the Cardiopulmonary Section of the APTA
- 1998 – 2001 President of the Cardiovascular and Pulmonary Section of the APTA
- 2001 – 2002 Ex-officio to the Cardiovascular and Pulmonary Section of the APTA

Editorial Board

- 1991 – present APTA Cardiopulmonary Section Journal,
- 1991 – 1994 Physical Therapy Practice
- Fall 1992 Issue Editor for the Physical Therapy Practice, Volume 1, Cardiopulmonary Physical Therapy.

Teaching Service

Clinical Sciences

- 1979 to present Cardiovascular Rehabilitation
- 15 – 30 hours per semester
 - 30 – 68 students

Basic Sciences

Physiology/Cell Biology/Exercise Physiology

- 45 – 60 hours per semester
- 30 – 68 students

Pathology

- 45 – 60 hours per semester
- 30 – 68 students

Grant Support

Completed Grants:

- 1981-1982 (PI, 100%)
“Study of the effects of exercise on Plasma HDL”
University of Maryland Intramural Bressler Grant
Annual Direct Costs: \$4,000
Total Direct Costs: \$4,000
- 1987 – 1990 (PI, 100%)
“Healing of Focal Myocardial Lesions in Nutritional Hypokalemia”
Foundation for Physical Therapy, Graduate Traineeship
Annual Direct Costs: \$4,300
Total Direct Costs: \$4,300

1987 – 1990	(PI, 50%) <i>"Healing of Focal Myocardial Lesions in Nutritional Hypokalemia"</i> University of Maryland Intramural Grant Annual Direct Costs: \$8,000 Total Direct Costs: \$8,000
1989 – 1990	(PI, 50%) <i>"The Effects of Neuromuscular Stimulation on Body Metabolism"</i> Annual Direct Costs: \$3,500 Total Direct Costs: \$3,500
1990 - 1991	(PI, 100%) <i>"Length Tension Relationship In Vivo Amount"</i> Annual Direct Costs: \$3,000 Total Direct Costs: \$3,000

Publications

Peer-reviewed journal articles

1. **Tepper, S.H.** and Mergner, W.J.: Role of the lymphatics in aiding regression of hypokalemic lesions in rat cardiac muscle. *Lymphology*, 22:42-50, 1989.
2. **Tepper, S.H.**, Anderson, P.A., Mergner, W.J.: Recovery of the heart following focal injury induced by dietary restriction of potassium. *Path Res Prac*, 186:265-285 1990.
3. Rick D, Lastova P, **Tepper SH**: The cardiovascular and metabolic effects of upper extremity isokinetic exercise. *Cardiopul Phys Ther J*. 5:1, 2-5, 1994.
4. Herzenberg, J.E., Scheufele, L.L., Paley, D., Bechtel, R., **Tepper, S.**: Knee range of motion in isolated femoral lengthening. *Clin Ortho and Rel Res*, 301, 49-54, 1994.
5. Cook, H., Morales, M., La Rosa, E., Dean, J., McHugh, P., Otradovec, A., Wright, K., Kula, T., **Tepper, S.**: Effects of electrical stimulation on lymphatic flow and limb volume in the rat. *Phys Ther* 74:11, 1040-1046, 1994.
6. Ambridge, S., **Tepper S.**, Gilbert, W., Kyle, R., Mundy, J., Russo, S.: Reliability of submaximal graded exercise testing of male subjects with SCI using a wheelchair ergometer. *Cardiopul Phys Ther J*. 7:1, 3-7, 1996.
7. **Tepper, SH**, McKeough, DM: Deep Venous Thrombosis: Risks, Diagnosis, Treatment Interventions and Prevention. *Acute Care Perspectives* 8 (1) 1-7, 2000.
8. Augustine MJ, Eagleton KJ, Graham DH, Koontz C, Marchetti G, Story SB, Sullivan WJ, and **Tepper SH**. Reliability of ankle brachial pressure index measurements by physical therapists and physical therapy students. *Cardiopul Phys Ther J*. 11(3), 99-104, 2000.
9. Holub C, Lamont M, Lombardo A, Pence T, Schultz G, McKeough D, Reeder J, **Tepper S**. The Reliability of the 6 MWT in Patients with End Stage Renal Disease. *Acute Care Perspectives*. 11 (1) 8-11, 2003.

Book Chapters

1. Goodman CC, and Bouissonnault WG. Pathology: Implications for the PT, 2nd Ed WB Saunders. Chapter on Cell Injury and Inflammation written by **Tepper, S & Mckeough, M**. 2002.
2. Bouissonnault WG. A Primary Care Primer for the Outpatient Orthopaedic Physical Therapist, Chapter on Systems Review Including Vital Signs written by **Tepper, S & Mckeough, M**, Published in 2004.

3. Goodman CC, and Bouissonnault WG. Pathology: Implications for the PT, 3rd Ed WB Saunders. Chapter on Deep Venous Thrombosis. written by **Tepper, S** 2006.

Abstracts and/or Proceedings

1. **Tepper, S.H.**, Anderson, P.A.: Effects of exercise on the coronary tree of a rat, post isoproterenol induced myocardial necrosis. *Phys Ther*, 60:596, 1980.
2. **Tepper, S.H.**, Bloyer, R., Danoff, J.V.: Effects of varying speeds of isokinetic exercise on heart rate, blood pressure and EKG. *Phys Ther*, 61:689-690, 1981.
3. Bickley, M.A., Marchsteiner, S., Cormier, J., Dorsett, C., Hudson, C., Wells, Y, **Tepper, S.**, Lawless, T.: The effects of various temperature baths on maximal handgrip strength. *Phys Ther*, 63:773, 1983.
4. Bloecher, J., Collins, D., Falck, A., Fink, M., Meisenheimer, J. **Tepper,S.**, Turner, J., Vaeth, T.,: The effects of varying speeds of isokinetic exercise on physiological parameters and work output. *Phys Ther*, 64:1985.
5. Millford, J., Clagett, C., Keenan P., Rick, D., Lastova, P. Wilhelm, W., **Tepper, S.**: The cardiovascular and metabolic effects of upper extremity isokinetic exercise. *Phys Ther* 66:776, 1986.
6. Kolodgie, F.D., Virmani, R., Osmialowski, A., White, C., Form, M., **Tepper, S.**, Mergner, W.,: Prevention of myocardial ischemia during repeated balloon angioplasty with Gluosal-DA. The American Heart Association's 59th Scientific Sessions, Nov. 17-20, 1986. Dallas Texas.
7. Kolodgie, F.D., Virmani, R., Osmialowski, A., White, C., Form, M., **Tepper, S.**, Mergner, W.,: Prevention of myocardial ischemia during repeated balloon angioplasty with Fluosol- DA. *Lab Invest* 56:39A, 1987
8. Rolle, B., Chipman, N., Carrasco, M., Ripp, M., Hedgepeth, M., Grose,R., Bausam, S., and **Tepper, S.**: Warm-up activity prior to submaximal stress testing and its relationship to physiological reliability. *Phys Ther* 67, 1987.
9. Costabile, E., Eways, E., Finley, M., Lenzenweger, C., Murphy, B., Rayne, L., Selsky, J., **Tepper, S.**: Effect of a warm-up period on reliability of submaximal stress testing. *Phys Ther* 68, 1988.
10. **Tepper, S.H.**, Anderson, P.A., Mergner, W.J.: Recovery of the myocardium following focal necrosis. *Phys Ther* 68, 1988.
11. **Tepper, S.H.** and Mergner, W.J.: Role of the lymphatics in aiding regression of hypokalemic lesions in rat cardiac muscle. *J Mol Cell Cardiol*, 20 (Suppl III), 1988.
12. Wray, H., Schuffle, L., **Tepper, S.H.**: Reproducibility of submaximal stress testing on consecutive weeks. *Phys Ther* 69, 1989.
13. Wray, H., Schuffle, L., **Tepper, S.H.**: Reproducibility of submaximal stress testing on consecutive weeks. *J Cardiopul Rehab* 9:400, 1989.
14. Cook, H.A., Morales, M.L., La Rosa, E.M., Dean, J.R., Donnelly, M.K., McHugh, P.A., Otradovec, A., Wright, K.S., Kula, T.J., Alon, G., Anderson, P.A., **Tepper, S.H.**: Effects of Electrical Stimulation on Lymphatic Flow and Limb Volume in the Rat. *Phys Ther*, 1990.
15. **Tepper, S.H.**, Alon, G., Stickney, S.C., Anderson, P.A., Bechtel, R.H.: The Effect of Neuromuscular Stimulation on Body Metabolism. *Phys Ther*, 1990.
16. Anand, A.E., Bailey-Plummer, J.A., Clem, R.T., Conroy, V.M., Padezanin, J.D., Rund, J.B., Stanislav, A.M., Mullan, P.S., Anderson, P.A., **Tepper, S.H.**: Effects of a Warm-Up Period on the Reproducibility of Weekly Stress Tests. *Phys Ther*, 1990.
17. Cosgrove, K.S., Bell, S.F., Fischer, S.R., Fowler N.R., Jones, T.L., Myaing, J.C., Riddlespurger, M.T., Seaman, L.J., **Tepper, S.H.**, Alon, G.: The electrical effect of two commonly used clinical stimulators on traumatic edema. *Phys. Ther. (Suppl)*, 71:6 S117, 1991.

18. **Tepper, S.H.**, Siders, S., Morales, J., Mergner, G.W, Mergner, W.J.: Myocardial recovery after hypokalemic injury. *J Mol Cell Cardiol* 24:S80, 1992.
19. Lea, J.A., Laue, J.A., Klein, L.R., Gowatski, K.S., Lyons, E., Foye, S., **Tepper, S.H.**: The effect of electrical stimulation on edematous rat hind paws. *Phys Ther (Suppl)*, 72:6 S116, 1992.
20. Colbo, KL, Fallone, NY, Heinlein, SA, Schmidt, J, Spencer, JA, Tsylor, PS, **Tepper, SH**: Effects of one hour of electrical stimulation on wound healing in diabetic mice. *Phys Ther (Suppl)*, 74:5 S167, 1994.
21. Collins, ML, Conroy, LA, Dixon, RE, Garinther, AM, Palicki, CM, Ruleman, AR, Salfia, G, **Tepper, SH**: Effects of two hours of electrical stimulation on wound healing in diabetic mice. *Phys Ther (Suppl)*, 74:5 S5, 1994.
22. Barber AK, Barber S, Compton SL, Cook ML, Learn RS, **Tepper SH**: Kinematic analysis of treadmill accommodation after a warm-up on increasing the reliability of submaximal exercise testing. *Cardiopul Phys Ther J* 6:1, 1995.
23. Schaefer KA, **Tepper SH**, Bayliff DB, Fogarty DP, Gerstel DL, Hunt WR, Johnson WM, Patane SH, Schneider ED, Swink TA, Taber EW: Effects of an instructional video and a warm-up period on the reliability of a submaximal exercise test. *Cardiopul Phys Ther J* 6:1, 1995.
24. Ambridge, S., **Tepper S.**, Gilbert, W., Kyle, R., Mundy, J., Russo, S.: Reliability of submaximal graded exercise testing of male subjects with SCI using a wheelchair ergometer. *Cardiopul Phys Ther J.* 6:4, 1995.
25. Shiffler, M.A., **Tepper, S.H.**, Bolig, K.H., Chesnek, C.A., Hann, F.L., Snyder, B.M. Responses to sport specific training in adolescent females during one season of high school varsity basketball. *Cardiopul Phys Ther J.* 7:4, 1996.
26. Eastep, T.D., Fritz, A.M., Horton, D.V., Williamson, R.D., Wolson, A.K., **Tepper, S.H.** The reliability of submaximal wheelchair ergometer exercise testing between normal & paraplegic males. *Cardiopul Phys Ther J.* 7:4, 1996.
27. McBride PR, Williams KI, Duvall RV, Landino MD, Sobajian AM, **Tepper SH**. Long Term Satisfaction, Efficacy, Outcomes and Costs in Patients with Low Back Pain Receiving Physical Therapy. A Comparison between the Outpatient Hospital and Private Practice Settings. *JOSPT* 1999
28. Augustine MJ, Eagleton KJ, Graham DH, Koontz C, Marchetti G, Story SB, Sullivan WJ, **Tepper SH**. Reliability of ankle brachial pressure index measurements by physical therapists and physical therapy students. *Cardiopul Phys Ther J.* 10:4, 1999.
29. Swisher AK, Johnston NL, Riggleman CA, Spurlock CM, Stratton JL, Utzman RR, **Tepper SH**. Perceived vs actual fitness and body mass index in college students. *Cardiopul Phys Ther J.* 11:4, 2000.
30. Swingle A, Krause RA, Mamdani S, Robertson KK, **Tepper SH**. Fitness Levels of Physical Therapy Students Using Maximal Oxygen Consumption and Body Mass Index. *Cardiopul Phys Ther J.* 11:4, 2000.
31. Snook CJ, Colombell M, Hayes SS, Pequignot JE, Swenson AM, McKeough DM, Augustine C, **Tepper SH**. The reliability of the six-minute walk test in subjects post-stroke: acute and chronic samples. *Cardiopul Phys Ther J.* 12:4, 148, 2001.
32. Holub C, Lamont M, Lombardo A, Pence T, Schultz G, McKeough D, Reeder J, **Tepper S.** The Reliability of the 6 MWT in Patients with End Stage Renal Disease. *WCPT Abstracts Booklet.* June 6 – 13, 2003.

Published Multimedia

1. Endurance Impairments: Examination, Differential Diagnosis, and Interventions
Time: 4 hours April 2001
Lower Extremity Large Vessel Disorders: Examination and Intervention
Time: 1 hour April 2001
2. Utilizing the *Guide to PT Practice* 1 credit course for the T-DPT Program August 2003 and revised 2005 with Dr. Andrew Guccione.
3. Endurance Impairments, Differential Diagnosis and Interventions: a Case Based Approach Time 10 hours Fall 2004
4. Basic EKG Interpretation Time 5 hours Fall of 2004
5. Evidence Based Physical Therapy Management: Deep Vein Thrombosis and Pulmonary Embolus By Charles Ciccone, PT, PhD, FATPA, Daniel Riddle, PT, PhD, FAPTA, **Steven Tepper**, PT, PhD, Phillip Wells, MD. Time 5 hours.

LETTERS

1. Tepper, S.H. and Mergner, W.J.: Diagnostic criteria: Lymphatic vessels of the heart. Cor Notes, 2, 1987.
2. Humphrey, R, Tepper, SH and Baughman, M. Benefits of Walking 30 minutes a Day, ACSM's Health and Fitness Journal[®], Fall 2007.

CONSULTIVE AND ADVISORY POSITIONS HELD

1. Task Force Member on Content of Postbaccalaureate Entry Level Curricula (IMPACT Conferences) for the APTA, 1991 - 1993.
2. APTA member consultant for the Coalitions for Consensus I & II, April and June, 1994.
3. Member Consultant of the APTA on Consensus Conference on Content Feb 2-6, 1996.
4. Task Force Member on Clinical Practice Guidelines III for the APTA, 1998 - 2000.
5. Task Force Member on Transitional-DPT for the APTA, April & May, 2001.
6. Member Consultant on Consensus Conference on Professional Development Blueprint and General Board Credential, November 20 – 23, 2003.
7. Group of member experts (4) for Cardiovascular and Pulmonary Template for CONNECT – APTA, August 9 – 10, 2004.
8. Member consultant for Continued Competency in PT for the APTA, February 2005.
9. Member consultant for Strategic Planning for PT Education for the APTA, August 2005.
10. Member consultant for Continued Competency in PT for the APTA, September 2005.
11. Member consultant for CONNECT – test piloted the new APTA software for clinicians.
12. Member consultant for taskforce on “Wellness and Health Promotion” for the APTA, December, 4-5, 2006.
13. Council for Higher Education, State of Israel, visited the four Physical Therapy Programs, March 2006 and January 2007.

SCIENTIFIC AND PROFESSIONAL PRESENTATIONS

(Last seven years)

1. Combined Sections Meeting, APTA, Examination and interventions for patients with endurance impairments. February 5th, 2000.

2. National Institutes of Health: Review of Cardiovascular Anatomy, Physiology and Pathology, given to the Physical Medicine and Rehabilitation Staff. February 11, 2000.
3. National Institutes of Health: Review of Cardiovascular Exercise Physiology, given to the Physical Medicine and Rehabilitation Staff. February 18, 2000.
4. National Institutes of Health: Review of Cardiac Rehabilitation, given to the Physical Medicine and Rehabilitation Staff. February 25, 2000.
5. University of Virginia, Rehabilitation Department, Deep Venous Thrombosis, September 15, 2000.
6. Examination and Treatment for Patients with Endurance Impairments: An Intermediate Level Course for Practicing Therapists. APTA Combined Sections Meeting Pre-conference Course, February 14th, 2001.
7. Fitness Levels of Physical Therapy Students Using Maximal Oxygen Consumption and Body Mass Index. February 15th, 2001. .
8. Endurance Examination and Interventions. Ohio PTA State Meeting, March 21 and 22, 2001.
9. Endurance Impairment – Differential Diagnosis and Treatment Interventions. Pittsburgh, PA, September 2001.
10. Endurance Impairment – Differential Diagnosis and Treatment Interventions. Kansas City, KA, November 2001.
11. Endurance Impairment – Differential Diagnosis and Treatment Interventions. Atlanta, GA, July 2001.
12. Professional Development Seminar. University of Northern Arizona, T-DPT course, July 19 -20, 2001.
13. Endurance Impairment – Differential Diagnosis and Treatment Interventions. San Francisco, August, 2001.
14. Endurance Impairment – Differential Diagnosis and Treatment Interventions. University of Northern Arizona, T-DPT course, October 19 -20, 2001.
15. Endurance Impairment – Differential Diagnosis and Treatment Interventions. VA Medical Center, Perryville, MD, October 24th, 2001.
16. Benefits of Activity in Reducing Disease, Woodstock Rehabilitation Center, November 5th, 2001.
17. Endurance Impairment – Differential Diagnosis and Treatment Interventions. University of Pittsburgh, November 16 and 17, 2001.
18. Basic EKG Interpretation, WMC-Acute Hospital December 11th & 13th, 2001
19. Endurance Impairments: Evaluation, Differential Diagnosis, & Treatment Interventions - WMC-Rehabilitation Center January 19th, 2002
20. Creative Concepts for Your Cardiovascular and Pulmonary Curriculum, CSM in Boston, February 22, 2002
21. Endurance Impairment – Differential Diagnosis and Treatment Interventions. University of Northern Arizona, T-DPT course, March 3 - 4, 2002.
22. Basic Interpretation of EKG's. APTA National Conference – 5 hours – June 6, 2002.
23. Endurance Impairment – Differential Diagnosis and Treatment Interventions. GREAT Seminars course, July 20 - 21, 2002.
24. Endurance Impairment – Differential Diagnosis and Treatment Interventions. GREAT Seminars course, August 17 - 18, 2002.
25. Endurance Impairments – When Not to Exercise or Stop Someone from Exercising. WMC Orthopedic Nurses, September 5th, 2002.
26. Endurance Impairment – Differential Diagnosis and Treatment Interventions. GREAT Seminars course, New Orleans, October 12 - 13, 2002.

27. Endurance Course for University of Louisiana, Endurance Impairments in the PT Population, October 14, 2002.
28. Endurance Impairment – Differential Diagnosis and Treatment Interventions. University of Northern Arizona, T-DPT course, October 18 - 19, 2002.
29. Endurance Impairment – Differential Diagnosis and Treatment Interventions. Continuing Education at SU, Winchester VA, October 26th, 2002.
30. "Endurance Impairments: Evaluation, Differential Diagnosis and Treatment Interventions", November 2, 2002, Charleston Area Medical Center in Charleston, WV
31. Endurance Impairments: Differential Diagnosis - when not to exercise and when to stop exercising. University of Maryland Alumni Association. November 6th, 2002.
32. EKG's – Basic Interpretation. Johns Hopkins Hospital, Baltimore, MD, November 13th, 2002.
33. Endurance Impairments: When to Stop Pushing Your Cardiac Patient, Saratoga Springs, NY, December 4th, 2002.
34. Endurance Impairments: Differential Diagnosis, EKG Interpretation and Phase I Cardiac Rehabilitation. University of Delaware January 10 – 12, 2003.
35. Using technology to Examine, Monitor and Progress PT Interventions in Patients with Cardiovascular and Pulmonary Impairments, Cardiovascular and Pulmonary Sections of the APTA, CSM, Tampa, February 11-12, 2003.
36. To Walk or Not to Walk? Evidence Based Guidelines for Clinical Decision Making in the Management of Deep Venous Thrombosis (DVT) with Charles Ciccone. Sponsored by: Acute Care & Cardiovascular and Pulmonary Sections of the APTA, CSM, Tampa, February 13, 2003.
37. Endurance Impairment – Differential Diagnosis and Treatment Interventions. University of Northern Arizona, T-DPT course, February 28 and March 1, 2003.
38. Deep Venous Thrombosis – To Walk or Not to Walk – Evidence Based Practice – Winchester Medical Center, April 24, 2003.
39. Basic EKG Interpretation and Basic Endurance Testing and Training, University Hospital, Cleveland, OH, April 26, 2003.
40. Basic Endurance Testing and Training, Arizona APTA State Meeting, May 2nd, 2003.
41. The Reliability of the 6 MWT in Patients with End Stage Renal Disease. Holub C, Lamont M, Lombardo A, Pence T, Schultz G, McKeough D, Reeder J, Tepper S. WCPT Barcelona, Spain June 6 – 13, 2003.
42. Endurance Testing and Interventions, Body Dynamics – Jennifer Gamboa's Private Practice, July 2nd, 2003
43. Professional Development Seminar, University of Northern Arizona, September 5 – 7, 2003.
44. Pathology and Rehabilitation, GREAT Seminars, Milwaukee, MI, September 20 – 21, 2003.
45. Endurance Impairment – Differential Diagnosis and Treatment Interventions. MEDStar Seminars course, September 27 - 28, 2003.
46. Pathology and Rehabilitation, GREAT Seminars, Dallas, TX, October 18 – 19, 2003.
47. Endurance Impairment – Differential Diagnosis and Treatment Interventions. Columbus, OH, OPTA State Conference, October 23, 2003.
48. Deep Venous Thrombosis, University of Maryland, October 29, 2003.
49. Endurance Impairment – Differential Diagnosis and Treatment Interventions. Livingston, NJ, St. Barnibus Hospital, November 8, 2003.

50. Torture: Physiological and Pathological Reactions - a PT's Role in Treatment, for Dr. Barry Penn-Hollar and Dr. Eric Leonard in their "Citizen Scholar Class on Human Rights," November 10, 2003.
51. Basic EKG Interpretation and Endurance Testing and Training, December 12 – 14, 2003, Daemen College, Buffalo, NY.
52. Differential Diagnosis and Management of Peripheral Arterial Occlusive Disease (PAOD) An Evidenced Based Approach with Dr. Charles Ciccone, Combined Sections Meeting, Nashville, TN.
53. Pathology and Rehabilitation, GREAT Seminars, Philadelphia, PA, March 6 – 7, 2004.
54. Lower Extremity Vessel Disorders, CAMC Institute, Charleston, WV, March 13, 2004.
55. Benefits of a Walking Program, Rotary Club, Woodstock, VA, March 31, 2004.
56. Interventions in Cardiopulmonary Therapeutics: Endurance Impairments: Examination, Differential Diagnosis, & Interventions. A Case Based Approach. University of Northern Arizona, Flagstaff, AZ, April 23 – 24, 2004.
57. Exercise Programs: Making them Safe and Effective, Advanced Clinical Practice Course for the APTA, University of Southern California, Los Angeles, CA, May 22 – 23, 2004.
58. Basic Endurance Testing and Interventions, for Winchester Medical Center on Winchester, VA, June 10th, 2004
59. Are You Exercising Safely? Contraindications/Termination Points DVT's, for Seventh Day Adventist, Silver Spring, MD, June 15, 2004
60. Pathology and Rehabilitation, GREAT Seminars, Chicago, IL, August 14 - 15, 2004.
61. Pathology and Rehabilitation, GREAT Seminars, Schenectady, NY, September 11 - 12, 2004.
62. DVT Management at Johns Hopkins Bayview Medical Center September 15, 2004
63. Daemen College – Cardiovascular PT and Wellness – 3 day course – September 24 – 26, 2004.
64. Pathology and Rehabilitation, GREAT Seminars, Fayetteville, NC, October 9 - 10, 2004.
65. Lower Extremity Vessel Disorders – PVD and DVT, October 30th, St. Barnibus Hospital, NJ
66. APTA – ACP Course - Exercise Programs: Making Them Safe and Effective, Advanced Clinical Practice Course for the APTA, University of Maryland, Baltimore, MD, November 13 – 14, 2004.
67. University of Delaware "Basic Cardiovascular Course" January 5 – 7, 2005.
68. Pathology and Rehabilitation, GREAT Seminars, Albuquerque, NM, March, 5-6, 2005.
69. Obesity— Current Trends and Solutions, Creative Scholarship Day at Shenandoah University - March 23rd, 2005.
70. DVT and PVD, University of Maryland, Eastern Shore, April 6, 2005.
71. APTA – ACP Course - Exercise Programs: Making Them Safe and Effective, Advanced Clinical Practice Course for the APTA (25 persons), Washington University, St. Louis, MO, April 30 – May 1, 2005.
72. Endurance Impairment – Differential Diagnosis and Treatment Interventions. University of Northern Arizona, T-DPT course, May 10 - 12, 2005.
73. Pathology and Rehabilitation, GREAT Seminars, Cleveland, OH, June, 2005.
74. Pathology and Rehabilitation, GREAT Seminars, Dartmouth-Hitchcock Medical Center, Lebanon, NH, July 30 – 31, 2005.
75. Pathology and Rehabilitation, GREAT Seminars, Seattle, WA, August 6 - 7, 2005.

76. Pathophysiology Course, entry-level DPT students, Marymount University, Fall Semester, 2005.
77. Cardiopulmonary/Wellness Course for their tDPT program at Daemen College, September 16 – 18, 2005.
78. Basic EKG Interpretation and Associate Cardiovascular Disorders, CEU at St. Barnabus Hospital, West Orange, NJ, October 1st, 2005.
79. Endurance Impairments and Differential Diagnosis, University of Pittsburgh, tDPT and CEU course, October 14 – 16, 2005.
80. Northern Arizona University, Pathophysiology Course, entry-level DPT students, October 24 – 28, 2005.
81. Northern Arizona University, entry level DPT, Cardiovascular and Pulmonary Course, October 31, November 1 – 16, 2005.
82. APTA's Preview 2020, PT Management for CAD, CHF, DVT, PAOD and Diabetes. November 18 – 20, 2005.
83. New York Association of Homes and Services for the Aging, presentation on PAOD and CHF, December 2, 2005.
84. "Prevention and Wellness" course at Utica College for tDPT Program, Feb. 11 – 12, 2006.
85. Management of Deep Venous Thrombosis, co-presenters Drs. Charles Ciccone and Daniel Riddle, APTA's Combined Sections Meeting, Feb 2, 2006.
86. Pathology and Rehabilitation - Johns Hopkins Health Care, Feb 17 and 18, 2006.
87. Pathology and Rehabilitation, GREAT Seminars, Memphis, TN, March 4 & 5, 2006.
88. Pathology and Rehabilitation, GREAT Seminars, Billings, MT, April 1 & 2, 2006.
89. Professionalism – How to Practice Mindfully, Johns Hopkins Medical Center, Baltimore, MD, April 12, 2006.
90. Endurance Impairments in the Elderly, Care Rehabilitation Services, Baltimore, MD, April 21 & 22, 2006.
91. Pathology and Rehabilitation, GREAT Seminars, Las Vegas, NV, April 29 & 30, 2006.
92. Pathology and Rehabilitation, GREAT Seminars, Lewiston, ME, May 6 & 7, 2006.
93. APTA's National Conference Concentrated Education Series - Resistance Training Across the Clinical Spectrum Effect in Primary Prevention of Disease and Utilization in People With Cardiovascular Disease, June 24, 2006.
94. Pathology and Rehabilitation, GREAT Seminars, Honolulu, HI, July 15 & 16, 2006.
95. Health Promotion and Wellness in the Elderly, given to Five Star Rehabilitation and Wellness, Silver Spring, MD on August 3, 2006.
96. Pathology and Rehabilitation, GREAT Seminars, Huntington, WV, August 19 & 20, 2006.
97. Idaho State University "Cardiopulmonary Course" for entry-level PT program, August 23 – 28, 2006.
98. "Cardiovascular PT and Wellness" – 3 day course for tDPT Program at Daemen College – September 8 – 9, 2006.
99. "Prevention and Wellness" course at Utica College for tDPT Program, September 10 – 11, 2006.
100. "Pathology and Rehabilitation," GREAT Seminars, New York, NY, September 16 & .
101. Advanced Clinical Practice for the APTA "Advanced Exercise: Effective Testing and Interventions for the Complex Patient" Eastern Washington University, September 22 & 23, 2006.
102. Advanced Clinical Practice for the APTA "Deep Vein Thrombosis (DVT) and Peripheral Arterial Occlusive Disease (PAOD): Management of Patients with Lower Extremity Vessel Disorders" Eastern Washington University, September 24, 2006.

103. Advanced Clinical Practice for the APTA "Advanced Exercise: Effective Testing and Interventions for the Complex Patient" University of Illinois, October 7 & 8, 2006.
104. "Pathology and Rehabilitation," GREAT Seminars, Minneapolis, MN, October 14 & 15, 2006.
105. Cardiopulmonary Management course at University of Northern Arizona for their tDPT Program, October 20 – 21, 2006.
106. APTA's Preview 2020, PT Management for CAD, CHF, DVT, PAOD and Diabetes. October 27 – 29, 2006.
107. "Pathology and Rehabilitation," GREAT Seminars, Jacksonville, FL, November 4 & 5, 2006.
108. "Evidence-based Management of Patients with COPD and Diabetes" St. Barnabas Hospital, Livingston, NJ, November 18th, 2006.
109. "Endurance Impairments: Differential Diagnosis" Elon College for their entry-level PT Program, December 6 & 7, 2006.
110. "Pathology and Rehabilitation," GREAT Seminars, St. Louis, MN, December 9 & 10, 2006.
111. Management of Patients with Cardiovascular Impairments, Catholic Health Care Services, Buffalo, NY, January 1 & 2, 2007.
112. "Prevention and Wellness" course at Utica College for tDPT Program, February 3 – 4, 2007.
113. Management of Patients with Cardiovascular Impairments, the Ohio State University, Columbus, OH, February 6 – 8, 2007.
114. Pathology and Rehabilitation, GREAT Seminars, Bristol, TN, February 9 & 10, 2007.
115. Endurance Impairments: Differential Diagnosis. Johns Hopkins Health System, February 24 & 25, 2007.
116. Wellness and Health Promotion, Delaware Physical Therapy Association, March 3rd, 2007.
117. Pathology and Rehabilitation, GREAT Seminars, Philadelphia, PA, March 17 & 18, 2007.
118. Advanced Clinical Practice for the APTA "Advanced Exercise: Effective Testing and Interventions for the Complex Patient" Belmont University, Nashville, TN, March 24 & 25, 2007.
119. Advanced Clinical Practice for the APTA "Deep Vein Thrombosis (DVT) and Peripheral Arterial Occlusive Disease (PAOD): Management of Patients with Lower Extremity Vessel Disorders" Belmont University, Nashville, TN, March 26, 2007.
120. Pathology and Rehabilitation, GREAT Seminars, Charleston, SC, April 21 & 22, 2007.
121. Advance Clinical Practice (ACP) Course for APTA, pre-conference course on "Identification and Intervention for the Obese Client across the Lifespan" with Dr. Reed Humphrey, June 26 & 27, 2007.
122. Plenary Session "Physical Fitness: Promoting Health and Wellness in All Patient/Client Populations" Moderator: Lisa L Culver, PT, DPT, MBA - Alexandria, VA
123. Speakers: Invited Speaker; Janet R Bezner, PT, PhD - Alexandria, VA; Lisa Chiarello, PT, PhD, PSC - Philadelphia, PA; Reed Humphrey, PT, PhD - Pocatello, ID; Marilyn Moffat, PT, DPT, PhD, FAPTA, CSCS - New York, NY; Pamela Scarborough, PT, MS, CDE, CWS - Dallas, TX; Steven H Tepper, PT, PhD - Arlington, VA, June 28, 2007.
124. "Management of Patients with Lower Extremity Vessel Disorders" Florida Physical Therapy Association, August 11, 2007.
125. "Cardiovascular PT and Wellness" – 3 day course for tDPT Program at Daemen College, September 7, 8, 2007

126. "Prevention and Wellness" course at Utica College for tDPT Program, September 9 & 10, 2007
127. Pathology and Rehabilitation, GREAT Seminars, Las Angeles, CA, September 29 & 30, 2007.
128. Pathology and Rehabilitation, GREAT Seminars, Winston-Salem, NC, October 13 & 14, 2007.
129. Advanced Clinical Practice for the APTA "Advanced Exercise: Effective Testing and Interventions for the Complex Patient" Hunter College, NY, NY, October 20 & 21, 2007.
130. Student Conclave for the APTA "Mindful Management of DVT" October 27, 2007.
131. Pathology and Rehabilitation, GREAT Seminars, Geneva, NY, November 3 & 4, 2007.
132. Management of Patients with CAD and CHF for St. Barnabus Hospital, Livingston, NJ, November 10, 2007.
133. Preview 2020 Advanced Exercise Prescription with Dr. Charles Ciccone, Phoenix, AZ, November 16 – 18, 2007.
134. Foundation for Long Term Care - New York Association of Homes and Services for the Aging, presentation on DVT and Physiological Parameters Worth Monitoring, November 30, 2007.
135. Pathology and Rehabilitation, GREAT Seminars, Lexington, KY, December 8 & 9, 2007.
136. Cardiovascular Disorders for the Ohio State University third year DPT students. February 11 – 15, 2008.
137. Pathology and Rehabilitation, GREAT Seminars, Atlanta, GA, February 22-23, 2008.
138. Pathology and Rehabilitation, GREAT Seminars, Carson City, NV, March 7 & 8, 2008.