

Scott A. Biely, PT, DPT, PhD

Board-Certified Clinical Specialist in Orthopaedic Physical Therapy (OCS)

Manual Therapy Certified (MTC)

Dr. Scott Biely is a Professor in the Physical Therapy Program at Neumann University. He received his Bachelor's Degree in Physical Therapy and his Master's Degree in Orthopaedic Physical Therapy from the University of Pittsburgh and his Doctor of Physical Therapy Degree from the University of St. Augustine. He also received his PhD from Drexel University where he researched the effects of low back pain and lumbar instability on movement

Dr. Biely has completed advanced studies in Spinal and Extremity Mobilization and Myofascial Manipulation and received a Certification in Manual Therapy from the University of St. Augustine. He has also been recognized as a Board Certified Specialist in Orthopaedic Physical Therapy by the American Physical Therapy Association.

In addition to his duties at Neumann University, Dr. Biely is a staff physical therapist at Optimum Physical Therapy in West Chester where he specializes in treating patients with spinal dysfunction. He has conducted numerous programs in industrial and education settings on back care and has lectured nationally on functional stabilization exercises and spinal mobilization.

Recent Presentations:

2017

Platform Presentation – National Meeting of the APTA

Biely SA, Bajlovic M, Brannon C, Hmara M, Raymond J, Winters R, Whalen E. Effects of repeated manipulation on lumbar multifidus activation measured with real time ultrasound.

Combined Sections Meeting 2017, San Antonio, TX;
February 2017

2016

Poster Presentation – National Meeting of the APTA

Biely SA, Bajlovic M, Cammarota B, Lever A, Mancuso A. Effect of manipulation on lumbar multifidus thickness measured by real time ultrasound.

Combined Sections Meeting 2016; Anaheim, CA;
February 2016

2014

Platform Presentation – National Meeting of the APTA

Biely SA, Silfies SP, Smith SS, Ebaugh D. Kinematic analysis of movement pattern differences in subjects with and without nonspecific low back pain.

Combined Sections Meeting 2014; Las Vegas, NV;

February 2014

2013

Poster Presentation – National Meeting of the APTA
Biely SA, Wattananon P, Silfies SP, Smith SS, Ebaugh D.
Trunk aberrant movement patterns: linking instrumented kinematics to clinical observation.
Combined Sections Meeting 2013; San Diego, CA;
February 2013

2012

Platform Presentation – National Meeting of the APTA
Biely SA, Silfies S, Smith S, Hicks G. Clinical observation of standing trunk movements: what do the aberrant movement patterns tell us.
Combined Sections Meeting 2012; Chicago, IL; February 2012

Recent Publications:

2017

Anderson HD, Biely SA. Baseline King-Devick scores for adults are not generalizable; however, age and education influence scores. *Brain Injury*. 2017;
DOI:10.1080/02699052.2017.1346283

Wattananon P, Ebaugh E, Biely SA, Smith SS, Hicks GE, Silfies SP. Kinematic characterization of clinically aberrant movement patterns in patients with non-specific low back pain: a cross-sectional study. *BMC Musculoskeletal Disorders*. 2017; 18:1-12.

Biely S, Bajlovic M, Brannon C, Hmara M, Raymond J, Whalen E, Winters R. Effect of manipulation on lumbar multifidus activation. *J Orthop Sports Phys Ther*. 2017;47(1):A5.

2016

Biely SA, Bajlovic M, Cammarota B, Lever AD, Mancuso AM. Effect of repeated lumbar spine manipulation on lumbar multifidus thickness measured by real-time ultrasound. *J Orthop Sports Phys Ther*. 2015;46(1):A62-63.

2014

Biely SA, Silfies SP, Smith SS, Hicks GE. Clinical observation of standing trunk movements: what do the aberrant movement patterns tell us? *J Orthop Sports*

Phys Ther. 2014;44(4):262-272.

2014 Biely SA, Silfies SP, Smith SS, Ebaugh D. Kinematic analysis of movement pattern differences in subjects with and without nonspecific low back pain. *J Orthop Sports Phys Ther.* 2014;44(1):A20-46.

2013 Biely SA, Wattananon P, Silfies SP, Smith SS, Ebaugh D. Trunk aberrant movement patterns: linking instrumented kinematics to clinical observation. *J Orthop Sports Phys Ther.* 2013;43(1):A64-125.