



Division of Therapy Services

Scholarly Report: Calendar Year 2023

Conference Presentations

American Physical Therapy Association's (APTA's) Combined Sections Meeting; San Diego, CA

Education Session: *Rotator Cuff Disorders: Physical Therapy Management, Surgical Decision Making and Techniques, Post-Operative Rehab Considerations*

Brian Leggin, PT, DPT, OCS, Martin Kelley, PT, DPT, OCS and Dr. David Glaser

Education Session: *Significant Scapular Dyskinesia: The Evidence, the Evaluation Algorithm, and the Treatment Strategies*

Brian Leggin, PT, DPT, OCS, Martin Kelley, PT, DPT, OCS and Joseph Kearns PT, DPT OCS

Poster Presentation: *"Gotta Get Down to Get up" a Scoping Review of Diaphragmatic Dysfunction Following Mechanical Ventilation*

Tracy Galada, PT, DPT, June Katherine Maloney, PT, DPT, Heather Brossman, PT, DPT, DHSc, MS, Benjamin I. Binder-Markey, PT, DPT, PhD

Poster Presentation: *The Reliability of Ultrasound Assessment of Quadriceps Area in Lung Transplant Recipients*

Mike Tevald, PT, MPT, PhD, Robert Stehm, Tyler Shotto, Isabelle Houser, Joe Adler PT, DPT, CCS, Derek A. Zaleski, PT, DPT, Marty Eastlack

Poster Presentation: *Can the Belly Press and Lift Off Tests be Quantified to Improve Subscapularis Tear Detection?*

Lindsay Novotny, PT, DPT, Martin J. Kelley, PT, DPT, Joseph R. Kearns, PT, DPT and Won S. Sung, PT, DPT, PhD

Poster Presentation: *How Does Increasing Therapy Frequency on a Single Service Line Affect Discharge Metrics?*

Roksolana Myhklyk, DPT, OCS & Jennifer Novik, PTA, MBA

Poster Presentation: *Complete Decongestive Therapy for a Patient with Idiopathic Lymphedema and Pulmonary Dysfunction: A Case Study*

Emily A. Carlson, PT, DPT, WCS, CLT

Society of Critical Care Medicine's Annual Conference: San Francisco, CA

Education Session: *A New Voice: Implementation of Above-Cuff Vocalization after Tracheostomy is Feasible & Associated with Earlier Speech*
Catherine Gellentien, M.S., CCC-SLP, Lauren Jacobs, M.A., CCC-SLP, Serge Gajic, MD, MHQS, Randy Dubin, MA, CCC-SLP, BCS-S, and Kevin Ma, MD

National Association of Neonatal Therapists Annual Conference: Tucson, AZ

Poster Presentation: *Safety and Feasibility of Early Therapeutic Interventions in Infants Less Than 27 Weeks Post Menstrual Age*
Robin Elican-Madeja OTR/L, Jenna Rogers, DPT, CNT, Anastasiya Ruiz, MSPT, CNT

Poster Presentation: *Holistic Care Rounds: Addressing NICU Families' Psychosocial Needs*
Zoe Adler MS, CCC-SLP, Tara Dempsey, MOT, OTR/L, CNT, Casey McCartin, MS, CCC-SLP, Nicole Rudolph, MOT, OTR/L

American Society of Shoulder and Elbow Therapists (ASSET) Annual Meeting: Scottsdale, AZ

Education Presentation: *Masquerading as a Long Thoracic Nerve Palsy: A Case Study*
Martin Kelley, PT, DPT, OCS

American Society of Shoulder and Elbow Therapists (ASSET)'s Shoulder "Still" the Best Conference: Mesa, AZ

Education Presentation: *Evidence-Based Post-Surgical Rotator Cuff Rehabilitation*
Brian Leggin PT, DPT, OCS

Education Presentation: *Treatment of Frozen Shoulder*
Martin Kelley, PT, DPT, OCS

Penn Medicine Mind Your Brain Conference; Philadelphia, PA

Education Session: *Returning to Sex and Intimacy after Injury*

Laura Urbanovich, MS, OTR/L

Education Session: *Visual Rehab Following Brain Injury*

Lauren Rossi, MS, OTR/L, BCPR, Jessica Plowman, MS, OTR/L, Samantha Martemucci, MS, OTR/L, CBIS

Surgery and Rehabilitation of the Hand and Upper Extremity Conference; Philadelphia, PA

Education Presentation: *Rotator Cuff Tendinopathy and Impingement Syndrome*

Martin Kelley, PT, DPT, OCS

Education Presentation: *Hand Assessment, Where is the Evidence?*

Elaine Fess OTD, MS, OTR, FAOTA, CHT and Laura Walsh MS, OT/L, CHT

Moderators: *Orthosis Fabrication: Creative Orthosis Solutions: Pearls, Tips and Tricks*

Marie Sayers OTR/L, CHT and Laura Walsh OT/L, CHT

Education Presentation: *Clinical Examination of the Shoulder*

Martin Kelley, PT, DPT, OCS and Brian Leggin PT, DPT, OCS

Education Presentation: *Shoulder Arthritic Conditions: Surgery and Therapy Approaches*

Kenneth Kearns MD and Brian Leggin PT, DPT, OCS

Education Presentation: *A Kinetic Approach to Rehabilitation of the Overhead Athlete*

Angela Tate PhD, Cert MDT, Brian Eckenrode PT, DPT, MS, OCS, and Brian Leggin PT, DPT, OCS

American Occupational Therapy Association's (AOTA's) Inspire Conference: Kansas City, MS

Poster Presentation: *Project Prevention: A Trial of the Zones of Regulation Curriculum for the Adult Psychiatric Population*

Felicia Duch MOT, OTR/L and Kristen Howland MS, OTR/L

Good Shepherd Rehabilitation's Innovation Summit: Bethlehem, PA

Poster Presentation: *Project Prevention: A Trial of the Zones of Regulation Curriculum for the Adult Psychiatric Population*
Felicia Duch MOT, OTR/L and Kristen Howland MS, OTR/L

Poster Presentation: *Gender Affirming Care: The Role of Skilled Therapy Services in the Continuum of Care*
Samantha Mitchell, MS OTR/L, CBIS; Alyssa Tarantino, MA CCC-SLP, CBIS

Pennsylvania Speech Language Hearing Association; King of Prussia, PA

Educational Presentation: *Functional Outcomes and Dysphagia in the Critically and Chronically Critically Ill*
Randy Dubin, MA, CCC-SLP, BCS-S

The POWER Lymphatics Symposium; Denver CO

Education Session: *Lymphedema Care*
Donald L. Thomas Jr., PT, DPT, CLT-LANA, CWT

Spring Symposium for Advanced Wound Care: National Harbor, MD

Education Session: *Compression for All*
Erin Fazzari, MPT, CLT-LANA, CWS

Clinical Aphasiology Conference: Atlantic City, NJ

Poster presentation: *Feasibility of A Collaborative Clinical Trial Intervention among Speech and Language Pathologists in Acute Inpatient Rehabilitation*

Jacqueline Seidler CCC-SLP, Pranav Midhe Ramkumar MD, Leslie Vnenchak CCC-SLP, Roy Hamilton MD, Kelly Sloane MD

Penn Medicine PM&R and GSPR Research Week Poster Slam; Philadelphia, PA

Presentation: *Complete Decongestive Therapy for a Patient with Idiopathic Lymphedema and Pulmonary Dysfunction: A Case Study*
Emily Carlson, PT, DPT, WCS, CLT

Presentation: *Gender Affirming Therapy Treatment*
Samantha Mitchell, OTR/L, CBIS and Alyssa Tarantino, MA CCC-SLP, CBIS

Presentation: *Outcomes of Rehabilitation Services Co-Treating Medically Complex Infants in the Neonatal Intensive Care Nursery (ICN)*
Jenna Rogers, PT, DPT, CCI, CNT, Robin Elican-Madeja, MS, OTR/L and Anastasiya Ruiz, PT, MSPT, CNT

Presentation: *Need More Routine? Try the Spruce Weekend-Evening Program*
Felicia Duch MOT, OTR/L

Presentation: *Donor Activated Focused Rehab Approach (DAFRA) following Nerve Transfer Surgeries*
Steve Bullen PT, DPT and Joseph Kearn PT, DPT, OCS

Presentation: *Safety and Feasibility of Early Therapeutic Interventions in Infants Less Than 27 Weeks Post Menstrual Age*
Anastasiya Ruiz, PT, MSPT, CCI, CNT, Robin Elican-Madeja, MS, OTR/L and Jenna Rogers, PT, DPT, CNT

Presentation: *Interdisciplinary Management of a Complex Traumatic Shank Wound and Post-Traumatic Lymphedema*
Tia Gray, PTA, CLT, CWT, CES and John T. Barry, PT, DPT, OCS, Cert. MDT

National Lymphedema Network's Microconference

Education presentation: *The Patient Journey in Oncology*
Martin Kelley PT, DPT, OCS; Sarena Banas PT, DPT, CLT-LANA, Cert.MDT; Tia Gray PTA, CLT, CWT, CES; Donald Thomas PT, DPT, CLT-LANA, CWT

National Lymphedema Network: Philadelphia, PA

Education presentation: *Creative Uses of Low Profile Wound Dressing*
Erin Fazzari PT, DPT, CLT-LANA, CWS

Education presentation: *Application of the McKenzie Technique on the Breast Cancer Population*
Sarena Banas PT, DPT, CLT-LANA, Cert.MDT

APTA Education Leadership Conference: Philadelphia, PA

Poster presentation: *Use of the Smartsheet® Platform to Innovate Student Program Management Across a Healthcare Organization*
Erin McIntosh, PT, DPT, ATC, Cert MDT

Pennsylvania Physical Therapy Association (PPTA) Annual Conference: Lancaster, PA

Education Presentation: *Headache: A Physical Therapist Differential Diagnosis, Part 1*
Tim Bayruns, PT, DPT, OCS, CSCS, Robert Lontz, MSPT, MBA, OCS, Cert. MDT and Kelley Limbauan, PT, DPT, NCS

Education Presentation: *The Many Faces of Temporomandibular Disorder*
Tim Bayruns, PT, DPT, OCS, CSCS

Society for Integrative Oncology 21st Annual Conference: Alberta, Canada

Poster Presentation: *MOVE: Physical Therapist Teams Up to Provide Virtual Breast Cancer Exercise Support Group*
Tia Gray PTA, CLT, CWS, CES; Doris Piccin

American Society of Shoulder and Elbow Therapists Meeting

Education Presentation: *Scapular Palsy Rehabilitation: Conservative and Postoperative Treatment*
Joseph R. Kearns PT, DPT, OCS

AOTA Specialty Conference - Adult Rehabilitation: Baltimore, MD

Poster Presentation: *Enhancing Sleep Hygiene in the MICU: Developing and Implementing an Interdisciplinary Protocol for Improved Patient Outcomes*

Susan Whitworth MOT, OTR/L, CTRS; Krista Garrison MSOT, OTR/L

Poster Presentation: *Enhancing Patient Selection for Same-Day Discharge following Total Shoulder Replacement: A Quality Improvement Project*

Susan Whitworth MOT, OTR/L, CTRS; Rachael Moser-Millman, MOT, OTR/L

Education Presentation: *A Comprehensive Treatment Approach for Patients Post-Mastectomy in Acute Care*
Natalie Sandiford, MOT, OTR/L; Megan Drollinger, OTR/L, BCPR, CSRS

Johns Hopkins Critical Care Rehabilitation Conference; Baltimore, MD

Poster Presentation: *Enhancing Sleep Hygiene in the MICU: Developing and Implementing an Interdisciplinary Protocol for Improved Patient Outcomes*

Susan Whitworth MOT, OTR/L, CTRS; Rachael Moser-Millman, MOT, OTR/L

American Speech Language Hearing Association (ASHA) Annual Convention: Boston, MA

Poster Session: *A New Voice: Implementation of Above Cuff Vocalization after Tracheostomy is Associated with Earlier Speech*
Lauren Jacobs, M.A., CCC-SLP, Catherine Gellentien, CCC-SLP

American Congress of Rehabilitation Medicine (ACRM) Annual Conference

Poster Presentation: *Mobilization Initiative*

Tarah McCloskey, PT, DPT

Poster Presentation: *Weekend Walking Program*

Tarah McCloskey, PT, DPT

Poster Presentation: *How Responsive is the Five Time Sit-to-Stand in Persons with Multiple Sclerosis*

Ben Lindaman PT, DPT, NCS; Won Sung PT, DPT, PhD

Poster Presentation: *Quality Indicators Change Score*

Tarah McCloskey, PT, DPT, Sonya Wood –Johnson, DNP, RN-BC, CSSGB, Natalie Gamble-Lamprey, MPH, BSN, RN, MCHES, CDCES

Poster Presentation: *Implementing and Evaluating a Nurse-Driven Sepsis Protocol to Mitigate Acute Care Readmissions in an inpatient Rehabilitation Facility*

Michelle Lockett, DNP RN, Sonya F. Wood-Johnson, DNP, RN-BC, CSSGB

Poster Presentation: *Reducing New and Worsening Pressure Injuries Utilizing an Interface Sensor Monitoring System*

Shawn-Marie Parsons, MSN, CRNP, CWCN, Anissa Magwood, MJ, BSN, RN, Jean Romano, MSN, RN, NE-BC, FACHE, Cheryl J. Sickles, MSN, ANP-BC, CRNP, CCRC, WCC, Michele Kusterbeck, MSN, RN, CRRN, WCC, Sonya F. Wood-Johnson, DNP, RN-BC, CSSGB, Nina Renzi, BSN, RN, CPPS, CPHRM

Poster Presentation: *Avoiding Burnout: The Effectiveness of Mindfulness Practices to Enhance Well-being Among Registered Nurses During the Covid-19 Pandemic*

Sonya Wood-Johnson, DNP, RN-BC, CSSGB

American Academy of Orthopaedic Manual Physical Therapists (AAOMPT) Annual Conference

Poster Presentation: *A Case for Manual Therapy Intervention for Sub-acute Lateral Elbow Pain with Mobility Deficits*

Robert Lontz, MSPT, MBA, OCS, Cert. MDT, FAAOMPT

Poster Presentation: *Utilization of the Cervical Neck Flexion Test to Confirm Rotation Directional Preference in People with Neck Pain: A Case Series*

Mike Post PT, DPT, Dip. MDT, FAAOMPT, Ross Fagnoli PT, DPT, OCS, Cert. MDT, FAAOMPT, Ron Shenk PT, PhD, OCS, Dip. MDT, FAAOMPT

Textbook Chapters

Michelle Jillian Johnson, Rochelle J. Mendonca (Editors). *Rehabilitation Robots for Neurorehabilitation in High, Low, and Middle-Income Countries*. Elsevier (2023). Carol Wamsley PT, DPT, NCS, CBIS, contributed to Chapter 6, "Background on country healthcare systems, rehabilitation standards of care, stroke rehabilitation, and rehabilitation and assistive robotics in selected HICs"

Peer Reviewed Publications

Gajic, S., **Jacobs, L., Gellentien, C., Dubin, R. M., & Ma, K.** (2023). Implementation of Above-Cuff Vocalization After Tracheostomy Is Feasible and Associated with Earlier Speech. *American Journal of Speech-Language Pathology*, 1–6.

Post M D, Schenk R J, Fargnoli R (October 20, 2023) Utilization of the Cervical Flexion Rotation Test to Confirm Rotation Directional Preference in People With Neck Pain: A Case Series. *Cureus* 15(10): e47389.

Deng J, Lukens JN, Zhu J, **Cohn JC**, Andersen LP, Spinelli BA, Quinn RJ, Chittams J, McMenemy E, Lin A. Patient Experience of Photobiomodulation Therapy in Head and Neck Chronic Lymphedema. *J Palliat Med.* 2023 Sep;26(9):1225-1233.

Harrington SE, Fisher MI, Lee JQ, **Cohn J**, Malone D. Knowledge regarding cancer-related fatigue: a survey of physical therapists and individuals diagnosed with cancer. *Physiother Theory Pract.* 2023 Sep 2;39(9):1964-1973.

Kim EK, Brown LA, Seltzer EK, **Hartzell-Leggin D**, Borodyanskaya YL, Andy UU, Rosin RM, Whitmore KE, Newman DK, Arya LA. Development of a patient-centered text message-based platform for the self-management of interstitial cystitis/bladder pain syndrome symptoms. *Neurourol Urodyn.* 2023 Feb;42(2):510-522.

Singer JP, Calfee CS, Delucchi K, Diamond JM, Anderson MA, Benvenuto LA, Gao Y, Wang P, Arcasoy SM, Lederer DJ, Hays SR, Kukreja J, Venado A, Kolaitis NA, Leard LE, Shah RJ, Kleinhenz ME, Golden J, Betancourt L, Oyster M, Brown M, **Zaleski D**, Medikonda N, Kalman L, Balar P, Patel S, Calabrese DR, Greenland JR, Christie JD. Subphenotypes of frailty in lung transplant candidates. *Am J Transplant.* 2023 Apr;23(4):531-539.

Clancy MJ, Adler J, Michael A Tevald, **Zaleski D, Fluehr L, Wamsley C**, et al. Rehabilitation Characteristics and Outcomes for Lung Transplantation for COVID-19: A Case Series, *Physical Therapy*, Volume 103, Issue 5, May 2023.

Michener LA, Heitzman J, Abbruzzese LD, Bondoc SL, Bowne K, Henning PT, Kosakowski H, **Leggin BG**, Lucado AM, Seitz AL. Physical Therapist Management of Glenohumeral Joint Osteoarthritis: A Clinical Practice Guideline from the APTA. *Phys Ther.* 2023 Jun 5;103(6).

Singer JP, Christie JD, Diamond JM, Anderson MA, Benvenuto LA, Gao Y, Arcasoy SM, Lederer DJ, Calabrese D, Wang P, Hays SR, Kukreja J, Venado A, Kolaitis NA, Leard LE, Shah RJ, Kleinhenz ME, Golden J, Betancourt L, Oyster M, **Zaleski D, Adler J**, et al. Development of the Lung Transplant Frailty Scale (LT-FS). *J Heart Lung Transplant.* 2023 Jul;42(7):892-904.

Adler J, Dekerlegand J. Implementation of Vital Sign and Activity Guidelines for the Outpatient Therapist. *Patient Safety.* 2023;5(3):1-6.

Awards and Accomplishments

The following therapists were awarded Board Certification in 2023 by the American Physical Therapy Association:

Melissa Burns PT, DPT	Geriatrics
Steven Bullen, PT, DPT	Orthopaedics
Stephanie Senese, PT	Orthopaedics
Casey Herrmann, PT, DPT	Cardiovascular and Pulmonary
Alison Radomski, PT, DPT	Neurology

Randy Dubin, MA, CCC-SLP, BCS-S was designated a Board-Certified Specialist in Swallowing and Swallowing Disorders by the ASHA American Board of Swallowing and Swallowing Disorders.

Robert Lontz, MSPT, MBA, OCS, Cert. MDT, FAAOMPT was conferred as a Fellow of the American Academy of Orthopedic Manual Physical Therapists.

Denise Hartzell-Leggin PT, MBA, WCS, and team received the International Continence Society's Best in Category Prize at the ICS Conference for the poster "Development of a conceptual framework and digital platform for the self-management of interstitial cystitis: ERICA (Remote Engagement with Interstitial Cystitis Aide)".

Brian Leggin PT, DPT, OCS, Outpatient Outcome Measure Champions and Outpatient Managers was awarded the 2023 Penn Medicine Quality & Safety Award for the project titled "*Improving Utilization of Patient Reported Outcomes at Discharge from Therapy Services*".

Sarah Dunn PT, DPT, NCS was appointed Mid-Atlantic Representative of Physical Therapy Working Group (PTWG) of National Bleeding Disorders Foundation; Board Member Partners in Bleeding Disorders Education.

Mike Post PT, DPT, Dip. MDT, FAAOMPT, was accepted as probationary Faculty of the McKenzie Institute USA branch.

Carol Wamsley PT, DPT, NCS was presented with the Best-Case Series Award for the poster presentation titled "*Rehabilitation Characteristics and Outcomes for Lung Transplantation for COVID-19: A Case Series*".

Sarena Banas PT, DPT, CLT-LANA, Cert. MDT was appointed as a Penn Center for Cancer Care Innovation affiliate member.

Erin Fazzari PT, DPT, CLT-LANA, CWS, was elected LANA® Board for the term of Fall 2023-Fall 2025.

Gayle Severance MS, OT/L, CHT is serving as the American Association for Surgery of the Hand, Therapy Affiliate Director for the Term Jan 2022 to Jan 2024 which includes the role of Therapy Program director for the 2023 Annual Meeting and Vargas Committee Chair.

Gayle Severance MS, OT/L, CHT served as the American Society for Hand Therapy's Outreach Vice - Division Director in 2023.

Good Shepherd Innovation Grant Cycle 3 and 4 Awardees:

- **Denise Hartzell-Leggin PT, MBA, WCS** and **Brian Leggin PT, DPT, OCS** received a Learn Grant for the project "Examine whether race differences and patient reported outcomes exist in outpatient physical therapy utilization for women with pelvic health conditions".
- Jonathan Brannon, Alex Palanzo, MOT, OTR/L, Jenna Sopp MS, OTR/L, ITOT, **Kyle Cunningham PT, DPT, NCS** and **Diana Duda PT, DPT, MSCS**, received a Learn Grant for the project "Exploring and Implementing Virtual Reality as an Affordable Rehabilitation Tool Across Multiple Clinical Settings Within GSRN and GSPP".
- **Jeffrey O'Neill PT, DPT, OCS, Mike Roberto, PT, DPT, OCS, Shekhar Kodali PT, DPT, OCS** and **Justin Shaginaw PT, DPT, LAT, ATC**, received a Create Grant for the project "ACL Clinical Care Pathway".
- **Alyssa Tarantino MA, CCC-SLP, CBIS** and **Samantha Mitchell, MS, OTR/L CBIS** received a Learn Grant for the project "Gender Affirming Care".
- **Sonya Wood-Johnson DNP, RN-BC, CSSGB** and **Tarah McCloskey PT, DPT** received a Learn Grant for the project "Fall Prevention Project".
- **Felicia Duch MOT, OTR/L** and team Member **Kristen Howland, OTR/L** received a Learn Grant for the project "A Trial of the Zones of Regulation Curriculum with the Adult Psychiatric Population".
- **Stacy Ruiz, PT, MSPT, CNT**, Erika Carter, PT, DPT, PCS and team members **Grace Boston, MA, CCC-SLP; Jenna Rogers, PT, DPT, CCI, CNT; Midori Stoddard, CCC-SLP**; Erika Steinke, DOT, MS, OTR/L; Mandula Seneviratne, SLP-CCC received a Learn Grant for the project "Best Practice in Rehabilitation for Infants with Hypoxic Ischemic Encephalopathy".

Collaborative Research Studies

ATLAS - A/B: A Phase 3 Study to Evaluate the Efficacy and Safety of Fitusiran in Patients with Hemophilia A or B
Elsa Amaral, PT, DPT, OCS and Sarah Dunn, PT, DPT, NCS, supporting the Penn Hemophilia Study team.

A Study to Evaluate the Efficacy and Safety of Factor IX Gene Therapy With PF-06838435 in Adult Males with Hemophilia B (BENEGENE-2).
Elsa Amaral, PT, DPT, OCS and Sarah Dunn, PT, DPT, NCS, supporting the Penn Hemophilia Study team.

Double-blind, randomized, study of ATB200/AT2221 in adult subjects with late-onset Pompe disease (LOPD).
Kyle Cunningham, PT, DPT, CBIS and supporting Penn Medicine Neurology.

Nerve Transfer Surgery in Cervical SCI.
Fiona Egan OTR/L supporting Penn Medicine Neurosurgery.

FTDCS and Rehabilitation to Ameliorate Impairments in Neuro-Cognition after Stroke (TRAINS).
Jacqueline Seidler CCC-SLP, supporting Penn Medicine Neurology.

Intervening on Frailty to Improve Outcomes for Older Allogeneic Transplant Recipients.
Stacy Brown PT, DPT, NCS, Mimi Jacobs, PT, OCS, GCS, Sarena Banas PT, DPT, CLT-LANA, Cert. MDT, supporting Penn Medicine Oncology.

A Phase 3b Study to Evaluate Higher Dose Nusinersen (BIIB058) in Patients with Spinal Muscular Atrophy Previously Treated with Risdiplam.
Kyle Cunningham, PT, DPT, CBIS, Kathryn Sullivan, PT, DPT, supporting Penn Medicine Neurology.

Influence of NT5c1A Antibodies in Sporadic Inclusion Body Myositis: A Prospective Evaluation.
Kyle Cunningham, PT, DPT, NCS, CBIS, and Dayna Brooks PT, DPT supporting Penn Medicine Neurology.

Phase 3 Multi-Site, Randomized Study in Parkinson Disease (PD) of Endurance Treadmill Exercise on Changes in the Progression of PD.
Heather Cianci MPT, GCS and Joellyn Fox PT, DPT, supporting Penn Medicine Neurology.

Comparing Two Ways to Manage Lymphedema in Head and Neck Cancer Survivors.
Joy Cohn PT, CLT-LANA, Sarena Banas PT, DPT, CLT-LANA, Cert. MDT, Wendy Schlessinger, PT, WCS, CLT-LANA, supporting Penn Nursing.

Collaborative Research Studies Continued

NIH RECOVER: A Multi-site Observational Study of Post-Acute Sequelae of SARS-CoV-2 Infection in Adults

Monica Filips PT, DPT, Danielle Rowe PT, DPT

The Effectiveness of Mechanical Diagnosis and Therapy and Management According to the Cervical Spine Clinical Practice Guidelines

PI: Michael Post, PT, DPT, MDT Diplomat, FAAOMPT, Ross Fagnoli PT, DPT, OCS, Cert. MDT, FAAOMT, Lindsay Novotny PT, DPT, John Barry PT, DPT, OCS, Kristin Moriconi PT, DPT, Ashley Underkofler PT, DPT

The use of pressure mapping in a Cardiac Surgical ICU to determine relationship between The Braden Scale for Predicting Pressure Ulcer Risk and peak interface pressures when sitting in a bedside chair: A Quasi-Experimental Study

Cassandra Dietrick PT, DPT, Joe Adler PT, DPT, CCS, Daniel Wu PT, DPT

ALLIANCE 221702- ARM: Axillary Reverse Mapping

Sarana Banas PT, DPT, CLT-LANA, Cert. MDT

Acute rehab disposition: A retroactive, multivariable analysis of the correlation between ECOG, KPS, and IRF-PAI of patients with brain cancer

Samantha Martemucci, MS, OTR/L, CBIS, Bradley Pratzner, DPT, PT, and Abigail Herber PT, DPT

HIV and Aging Study

Natalia Stroutinsky Sobotka MS, OTR/L

Motor Learning in Haptic Dyads

Natalia Stroutinsky Sobotka MS, OTR/L

Evaluating a Comprehensive, Interdisciplinary, Multimodal Outpatient Rehabilitation Program to Improve the Functioning of Persons Suffering from Post-COVID Syndrome: A Randomized Controlled Trial

John Barry PT, DPT, OCS, Monica Coran, MA, CCC-SLP, CBIS, Erica Ferraiolo-Shearn, MA, CCC-SLP, Christina Pettet PT, DPT, Erica Montone PT, DPT, Kataryna Stahl, PT, DPT, Alexandra Merlino M.S. CCC-SLP CBIS

Avidity Biosciences AOC 1001-CS3 HARBOR Study

Katherine Joyce PT, DPT

Collaborative Research Studies Continued

FORTITUDE: A Randomized, Double-blind, Placebo-controlled, Phase 1/2 Study to Evaluate the Safety, Tolerability, Pharmacokinetics, Pharmacodynamics, and Exploratory Efficacy of AOC 1020 Administered Intravenously to Adult Participants with Facioscapulohumeral Muscular Dystrophy (FSHD)

Katherine Joyce PT, DPT

Swallowing Disturbance Questionnaire: A Validated Tool for Oropharyngeal and Esophageal Dysphagia

Randy Dubin, MA, CCC-SLP, BCS-S

A Phase II/III Randomized, Double Blind, Placebo-controlled, Multicenter Study to Determine the Efficacy and Safety of ABC008 in the Treatment of Subjects with Inclusion Body Myositis

Katherine Joyce PT, DPT

A Phase 3 Randomized, Placebo-controlled, Double-blind Study to Evaluate the Efficacy and Safety of BBP-418 (ribitol) in Patients with Limb Girdle Muscular Dystrophy 2I (LGMD2I)

Kaitlyn O'Connor PT, DPT, Kathryn Sullivan PT, DPT

A Phase 2 Randomized, Double-blind, Placebo-controlled Study to Evaluate the Effect of EDG-5506 on Safety, Biomarkers, Pharmacokinetics, and Functional Measures in Adults and Adolescents with Becker Muscular Dystrophy

Abby Togliatti, PT, DPT and Katherine M. Joyce PT, DPT

ATB200-07: A Phase 3 Open-Label Extension Study to Assess the Long-Term Safety and Efficacy of Intravenous ATB200 Co-Administered with Oral AT2221 in Adult Subjects with Late-Onset Pompe Disease

Kyle Cunningham, PT, DPT, NCS, CBIS