Poster Presentations

*An asterisk following a name indicates a “Foundation for Physical Therapy” alumni.

The 18 sections of APTA have joined together to present posters on various physical therapy topics. Posters may be viewed during Exhibit Hall hours. Authors will be available to discuss their posters from 1:00 pm to 3:00 pm on the following days:

**Group 1: Thursday, January 24, 2019**
Acute Care, Aquatic Physical Therapy, Education, Federal Physical Therapy, Hand Rehabilitation, Neurology (Balance & Falls, Stroke), Orthopaedics (Elbow/Wrist/Hand, Imaging, Shoulder, Spine), Sports (Case Studies, Sports Residency)

**Group 2: Friday, January 25, 2019**
Home Health, Neurology (Brain Injury, General, Practice Issues, Spinal Cord Injury), Oncology, Orthopaedics (Poster Award Candidates, Foot/Ankle, Health Services, Hip/Knee, Occupational Health), Pediatrics, Sports (Knee, Knee-ACL, Running, Women’s Health)

**Group 3: Saturday, January 26, 2019**
Cardiovascular/Pulmonary, Clinical Electrophysiology and Wound Management, Geriatrics (Cultural Diversity, Health/Wellness, Mental Health, Osteoporosis, Residency and Fellowship), Health Policy and Administration, Neurology (Degenerative Diseases, Vestibular), Orthopaedics (Pain Management, Performing Arts, Residency Poster Case Reports), Research, Sports (Biomechanics, Foot/Ankle, Shoulder/Elbow, Spine)

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**Acute Care**

1001 Differential Diagnosis of Low Back Pain in the Emergency Department
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1002 The Effect of Different Sitting Positions and Posture on Incentive Spirometer Performance in Healthy, Sedentary Adults
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1003 Early Mobilization of Patients with Stroke: A snapshot of current physical therapy practice at a comprehensive stroke center
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1004 Exploring clinical competence for physical therapists responding to natural disasters
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1005 Factors Associated with Discharge Disposition: Outcomes Following a Stroke
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1006 Barriers to Early Intervention Mobility and Discharge Planning with the Extremely Obese in the Acute Care Setting
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1007 Interventions for Patient Adherence with Exercise or Activity: A Review of Systematic Reviews
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1008 Feasibility of Early Rehabilitation Program for Patients Post Total Knee Arthroplasty with Popliteal Artery Injury and the Effect on Acute Care Functional Outcomes
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1009  Use and understanding of Physical Therapy evaluation complexity codes in acute care settings
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1011  Use of the AM-PAC 6-Clicks to Prioritize Patients on a Cardiovascular Medical Unit
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1012  Relationship of the Perme ICU Mobility Score and Medical Research Council Sum Score with discharge destination for patients in five different Intensive Care Units.
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1013  Outcomes Impacted by Initiation of Physical Therapy on POD (Post-operative Day) 0 in Patients with Total Joint Replacement (TJR)
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1014  Changing the Culture of Mobility Through Implementation of a Mobility Technician: Case Report
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2285 Factors Associated with Initial Interest and Treatment Selection of Patients with Hip Pain
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2286 Olympic-class Sailor Knee Training Habits
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2287 Training Protective Factors for Knee Pain in Olympic-class Sailors
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2288 Patellofemoral joint kinetics in males and females during exercises associated with return to play
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2330 The Effect of Increased Running Speed on Frontal Plane Kinetics in Female Runners with Strong and Weak Hip Abductors
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**2338** Non-neutral hip adduction and abduction postures and lateral hip pain in females

*Blanusa M, Turchick E, Cameron DM, Wallace D, Feinn R*

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Andi Beth Mincer
2351  Hypermobility, Stability, and Pelvic Positioning in Dancers
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2352  Inappropriate Patient Sexual Behavior When Working in Sensitive Areas of the Body; Results from a National Physical Therapy Survey
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2353  Importance of Referral to Pelvic Health Physical Therapy for Urinary Incontinence and Constipation in a Patient Recently Diagnosed with Parkinson’s Disease: A Case Report.
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2354  Spatiotemporal Characteristics of Walking and Running in Pregnant Females During Second and Third Trimester
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2355  Evaluation and treatment considerations for post-partum women presenting with low back pain
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2356  PROSPECTIVE EVALUATION OF CONTINENCE FOLLOWING OPEN RADICAL CYSTECTOMY AND ORTHOTOPIC URINARY DIVERSION AND THE EFFECT OF PELVIC FLOOR PHYSICAL THERAPY
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2357  Medical Screening Implications for a Patient with Sacral Metastases Secondary to Colorectal Cancer: A Case Report
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An Algorithm Approach for Assessment of Abdominal Pain of Musculoskeletal Origin: A Case Report

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3001 Effects of Resistance Training on Smoking Abstinence Self-Efficacy in Sedentary Smokers: A Pilot Study

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3002 Consistently Inconsistent: Examining Shared Challenges in Phase 3 Cardiac Rehab Exercise Adherence Across Age and Sex

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3011  Pectoralis Muscle Activity During Upper Extremity Exercise: Implications for Sternal Precautions
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3012  Treatment of Lumbopelvic Pain and Postpartum Cardiomyopathy in an Extracorporeal Membrane Oxygenation Supported Patient
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3013  Contemporary Trends in Cardiac Rehabilitation Post-Myocardial Infarction: A Systematic Review
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3014  Is our current physical therapy treatment effective? Retrospectively assessing the utilization and outcomes of physical therapy services for patients listed status 1A awaiting heart transplantation with femorally inserted intra-aortic balloon pumps.
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3016  Cardiovascular responses to light-intensity exercise with and without blood flow restriction in healthy 30-60 year olds
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Alyssa Weatherholt

3017  Cardiovascular and Oxygen Saturation Response to an Acute Episode of Intermittent Hypoxia in Healthy Adults
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Kaitlin Kissel
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James Denis

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Keenan M
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3025  Come Out From Behind the Walls 2.0: A Community-Based Walking Program to Increase Physical Activity in Chicago’s Austin Neighborhood
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3026  Walking Speed Reserve is decreased in Persons with COPD
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3027  Self Prescribed Exercise Protocol for Postural Orthostatic Tachycardia Syndrome (POTS): A physical therapist's insights to improved quality of life through prescriptive exercise despite a debilitating syndrome
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3028  The effectiveness of rehabilitation on endurance for in-patients awaiting lung transplantation: A systematic review.
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3029  Relating Breathing and Balance in Spinal Cord Injury: a Pilot Study
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   Anne Palermo*

3030  Percent Total Body Fat, but not BMI, Predicts Jump Test Performance and Muscle Strength in Older Men
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3031  Impact of treadmill training on cardiorespiratory performance in adolescents with Cerebral Palsy, Gross Motor Function Classification System Level III
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3032 Pulmonary function and respiratory muscle strength evaluation: does the test interface matter?
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3033 Non-Invasive Cranial Electrostimulation Interventions and Pain, Functional Status, and Quality of Life in Patients with Fibromyalgia: A Systematic Review
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3034 The Use Of An Inexpensive and Reliable Monofilament For Education and Home Use
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3035 Effect of Simulation on Physical Therapy Student Confidence and Satisfaction in the Practice of Wound Management
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3036 Reliability of Wound Surface Area Measurements of a Smartphone Application as Compared to Laser-Guided Planimetry and Manual (Linear) Measurement
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3038 Tracheostomy Wound Healing in the Pediatric Population: A Retrospective Study.
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Geriatrics: Cultural Diversity
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Effect of a Student-Led Balance Program on Falls Risk In Long Term Care Residents: A Pilot Study

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The Walking Speed Questionnaire and gait testing protocol in older adults
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3060  Breaking Down Barriers to the Utilization of Standardized Tests and Outcome Measures in Acute Care Physical Therapist Practice: An Observational Longitudinal Study
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3061  Clinical Outcomes of Outpatient Physical Therapy for Aging Adults with Spine Problems
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3062  Caring for Aging Nurses: A Pilot Study of Practices in the Hospital
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3063  Objective Mobility Measures strengthen current assessments for Identifying Fall Risk in Older Adults
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3064  Hand movement rate enhanced during dual task performance in older adults
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Patricia Pohl*

3065  Can Selected Functional Assessments Predict Prospective Falls In Community-Dwelling Older Adults?
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3066  How do walkers and canes influence outcome measures?
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3067  Aging-related decrements in the Timed Up and Go (TUG) test when combined with a visual stimulation
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3068 Exploring Physical Health, Mobility, and Physical Activity Behaviors of Older Adults Living in a Master-Planned Community: A Mixed Methods Study Using the Social Ecological Model Framework
Haladay J, Nieves R, Hou S
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3069 Factors associated with Heart Failure, Myocardial Infarct, and Chronic Obstructive Pulmonary Disorder readmissions differ for patients with Dementia.
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3070 What Makes Us Walk: Predictors of Gait Speed in Community-Dwelling Older Adults
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3071 Lower Quarter Y-Balance Test in Healthy Older Men
Blackburn K, Molinaro R, Becker H, Vallabhajosula S, Freund J
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3072 Dual-task performance is related to a neurophysiological measure of plasticity in individuals with memory disorders
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3073 Association of stair negotiation with fear of falling, balance, and mobility in older adults
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3083 Establishing Fullerton Advanced Balance Scale Norms for Active Older Adults
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3084 Single-Leg Stance Times In Active Older Adults Who Meet Recommended Neuromotor Exercise Guidelines Compared To Those Who Do Not
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3085 Investigating the Effects of the Otago Program among Individuals with Dementia
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3086 The Impact of the Movement to Music Program on Functional Mobility and Balance in Older Adults with Dementia: A Case Study
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Geriatrics: Osteoporosis
3087 Effectiveness of a physical therapy intervention on postural and functional measures in individuals with hyperkyphosis over 50 years old.
Kirby Capps

3088 Lower Extremity Power and Physical Function in Older Adults with and without Hip Fracture
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Geriatrics: Residency and Fellowship

3089  Internal Carotid Artery Stenosis in a Patient Referred to a Physical Therapist for Dizziness
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Ryan Boggs

3090  Electroskip™ Auditory Biofeedback in a Patient with Parkinson’s Disease: A Case Report
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3091  Factor Structure and Item-level Psychometrics of the Frenchay Activity Index among Older Adults with Gait and Balance Deficits
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