



ACADEMY OF
NEUROLOGIC
PHYSICAL THERAPY

2021 ANNUAL CONFERENCE **PROGRAM**

ASYNCHRONOUS/ON-DEMAND SEPT 8-NOV 22
SYNCHRONOUS/LIVE EVENT OCT 1-3



ASYNCHRONOUS ON-DEMAND SESSIONS

A Decision-Making Tool (DMT) for Stratifying People with Parkinson Disease into Group Exercise Classes

Emily Borchers, PT, DPT
Becky G. Farley, PT, MSPT, PhD
Jennifer Bazan-Wigle, PT, DPT, CEEAA

A Personalized Approach to Retraining Functional Mobility in a Freezing of Gait Case Study

Emily Borchers, PT, DPT
Becky G. Farley, PT, MSPT, PhD
Amy Holthaus, DPT

A Systematic Approach to the Implementation of High-Intensity Gait Training: Making Sustainable Changes in Practice

Elisabeth Bø, PT, PhD
Joakim M. Halvorsen, PT, MSc.
Jennifer L. Moore, PT, DHS, NCS

Agility and Fall Prediction in Parkinson: Do we have it backwards?

Valerie A. Carter, PT, DPT, NCS, GCS
John D. Heick, PT, PhD, DPT, OCS, NCS, SCS
Tarang Jain, PT, PhD

Backward Walking: Assessment and Intervention in Neurologic Disorders

Nora Fritz, PhD, PT, DPT, NCS
Erin Edwards, BS

Behavior Management: Recognition, Analysis and Intervention within the Brain Injury Population

Caitlin Denzer-Weiler, PT, DPT, NCS
Jacquelyn Candaras, PT, DPT, NCS

Benign Paroxysmal Positional Vertigo: A Theory in Evolution

Rachael Arabian, PT, DPT, NCS

Collaborative Practice Change: The Building Blocks for Success - Administrator's Perspective

Mike Billings, DHSc

Community Reintegration Following TBI- An Interdisciplinary Perspective

Roberto Sandoval, PT, PhD
Michela Cook, M.A., CCC-SLP
Christopher Gillis, OTR

Demystifying Vestibular Function and Treatment in Parkinson Disease: From Central to Peripheral Pathology

Catherine D. Printz, PT, DPT
Kayla Covert, PT, DPT

Dual-Task Deficits in Mild Traumatic Brain Injury: Theoretical Foundation, Neurophysiologic Background, and Clinical Implications

Nathan Morelli, DPT, PhD

Expanding the Balance Evaluation: Vestibular Assessment and Treatment for the Non-Dizzy Patient

Ashlin Hundley, PT, DPT, NCS
Katlyn Baker, PT, DPT, NCS



ACADEMY OF NEUROLOGIC PHYSICAL THERAPY
ANNUAL CONFERENCE
ON-DEMAND CONTENT SEPT-NOV | SYNCHRONOUS EVENT OCT 1-3

2021
VIRTUAL

ASYNCHRONOUS ON-DEMAND SESSIONS

High Intensity Gait Training after Stroke in Inpatient Rehabilitation

Jon Robinson, PT, DPT, NCS
Lisa Goodwin, PT, DPT, NCS

High Intensity Training in Variable Contexts: Not Just Slapping On Ankle Weights

Thomas G. Hornby, PT, PhD
Christopher Henderson, PT, PhD, NCS

Implementing the CPG for Improving Locomotor Function Part 1: Understanding Active Ingredients and Overcoming Barriers

Lisa Goodwin, PT, DPT, NCS
Carey Holleran, PT, MPT, DHS, NCS
Maghan C. Bretz, PT, MPT, NCS
Lauren Szot, PT, DPT, NCS
Meredith Banhos, PT, DPT, NCS
Jon Robinson, PT, DPT, NCS
Estelle Gallo, PT, DPT, NCS
Ryan Gorecki, PT, DPT, NCS

Improving Wheeled Mobility Outcomes Following Acquired Brain Injury

Jennith Bernstein, PT, DPT, ATP/SMS

It's not all about spinning: The relationship between diabetes, vestibular function, and balance

Ethan Hood, PT, DPT, MBA, GCS, NCS
Kay Malek, PT, PhD

Knowledge translation for Physical Therapy and Multiple Sclerosis: Barriers and Solutions

Herbert Karpatkin, PT, DSc, NCS, MSCS
Evan T. Cohen, PT, MA, PhD, NCS
Stefanie DiCarrado, PT, DPT, NCS, MSCS
Michael Zervas, PT, DPT, NCS
Stephanie Muth, PT, PhD

Knowledge Translation of a Clinical Practice Guideline for PT Management of Persons with Huntington's Disease

Nora Fritz, PhD, PT, DPT, NCS
Anne Kloos, PhD, PT, NCS
Deb Kegelmeyer, PT, DPT, GCS
Ashwini K. Rao, EdD, OTR/L
Lori Quinn, PT, EdD, FAPTA

Lower Extremity Dystonia in Parkinson's Disease

Angelina M. Ciavarella, PT, DPT, NCS

Organizational Change Strategies for Practice Standardization

Mike Billings, DHSc

Pain in Neurodegenerative Disease: Why We Should Pay Attention

Ryan P. Duncan, PT, DPT, MSCl
Mark M. Mañago, PT, DPT, PhD, NCS

Peripheral Neuropathies and Vestibular Dysfunction : Recommendations for Vestibular Screen and Benefits of Vestibular Exercises

Laura Cialino, PT, DPT, NCS
Erin Garcia, PT, DPT, NCS
Iwona Kedzierska, PT, MSPT, MA, NCS



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ASYNCHRONOUS ON-DEMAND SESSIONS

Plug and Play Pre-Professional Training Program for Wheelchair Seating and Mobility (WSM)

Laura J. Cohen, PhD, PT, ATP/SMS

Preparing the next generation of evidence-based practitioners. Integrating the five steps of evidence-based practice into a DPT curriculum.

Angela M. Lis, PhD

Irene G. Ward, PT, DPT, NCS

Lauren Snowdon, PT, DPT

Tori Butchin, DPT

The Real World – The True Story of Attempting to Implement High-Intensity Training During Inpatient Rehab (Part 1)

Christopher Henderson, PT, PhD, NCS

Lauren Lenca, PT, DPT, NCS

Jennifer Lotter, PT

Maghan C. Bretz, PT, MPT, NCS

Jennifer L. Moore, PT, DHS, NCS

Virtual Reality, Real Change: Applying Therapeutic Virtual Reality using Motor Learning Principles to Drive Neuroplasticity

Jennifer Stoskus, PT, DPT, NCS

Arielle Resnick, PT, DPT, NCS

Marielle J. Handley, PT, DPT, CSCS



ACADEMY OF NEUROLOGIC PHYSICAL THERAPY
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ON-DEMAND CONTENT SEPT-NOV | SYNCHRONOUS EVENT OCT 1-3

2021
VIRTUAL

SYNCHRONOUS LIVE PROGRAM

*All program times are in Eastern Time

Friday, October 1 All program times are in Eastern Time

7:00 PM – 8:30 PM

Welcome to the Conference

Patricia Scheets, PT, DPT ANPT President

Keynote: Translating Science into Practice: Transforming Society One Person at a Time

Susan L. Whitney, PT, DPT, NCS, ATC, FAPTA

Saturday, October 2 All program times are in Eastern Time



9:00 AM – 10:00 AM Video Chats with the ANPT SIGs

Each SIG will have a video chat room. Topics to be set by each group.



10:00 AM - 10:50 AM

When Do I Translate Evidence to Practice? Avoiding Too-Early-To-Implement Pitfalls Using Clinical Practice Guidelines

Thomas G. Hornby, PT, PhD
Irene G. Ward, PT, DPT, NCS
Kelly P. Westlake, PT, PhD



11:00 AM - 11:50 AM

Is It Really Possible to Implement Standards of Care in Rehabilitation? Yes, But It's Not Easy.

Patricia Scheets, PT DPT
Patrick Hennessy, PT MPT NCS
Sarah Townsend-Grant, PT DPT OCS
J. Kele Murdin, PT, MPT, GCS, GTC, CEEAA



12:00 PM - 12:50 PM

Do we measure up?

Catherine E. Lang, PT, PhD
Marghuretta D. Bland, PT, DPT, NCS



1:00 PM - 1:50 PM

Prediction is difficult, especially about the future

Cathy Stinear, PhD
Christopher Henderson, PT, PhD, NCS



2:00 PM - 2:30 PM

Deeper dive into responders / non-responders

Dorian K. Rose, PT, PhD

Speakers Subject to Change



Continue the conversation video chats are limited to 50 attendees. Live discussion on the topic listed with key members in the material development.

SYNCHRONOUS LIVE PROGRAM

*All program times are in Eastern Time

EDU
SESSION

2:30 PM - 3:00 PM

Value Beyond the Score: Implementation and Engagement with the Core Measures

Amelia Siles, DPT, NCS

Marghuretta D. Bland, PT, DPT, NCS

EDU
SESSION

3:15 PM – 4:45 PM

Moving Forward with Movement System

Lois D. Hedman, PT DScPT MS

Lori Quinn, PT, EdD, FAPTA

Kathy Gill-Body, PT DPT NCS

Nora A. Riley, PhD, NCS

EDU
SESSION

5:00 PM - 5:50 PM

iKNOW-PT: Integrating Knowledge Translation across PT settings - from Academia to Clinic to Community

Amy M. Yorke, PT, PhD, NCS

Suzanne Trojanowski, PT, DPT, NCS

Nora Fritz, PhD, PT, DPT, NCS

Angee Ludwa, PT, MPT

Amy K. Smith, SPT

VIDEO
CHAT

5:00 PM - 6:00 PM Video Chat with the Movement System Task Force

VIDEO
CHAT

5:00 PM - 6:00 PM Video Chat with the Knowledge Translation CPG Task Forces

Locomotor Function

Outcome Measures

EDU
SESSION

6:00 PM - 6:50 PM

It's a marathon, not a sprint: physical therapy leadership in exercise programs for Parkinson's Disease

Parminder K. Padgett, PT, DPT, NCS

Sara Crandall Zoeller, PT, DPT

Linda Egan, PT

Maggie Holt, PT

Katy McGraw, PT, DPT, NCS

VIDEO
CHAT

7:00 PM - 8:00 PM Video Chat on Measurement

Do we measure up?

Can We go Beyond the Fall?

Deeper dive into responders/non-responders

EDU
SESSION

7:00 PM - 7:50 PM

Physical Therapy Interventions to facilitate exercise uptake in early stage Parkinson's Disease:

In-person and remote delivery

Lori Quinn, PT, EdD, FAPTA

Miriam Rafferty, PT, DPT, PhD

VIDEO
CHAT

8:00 PM - 9:00 PM Video Chat on Parkinson Disease Session #1

A Decision-Making Tool (DMT) for Stratifying People with Parkinson Disease into Group Exercise Classes

Physical therapy interventions to facilitate exercise uptake in early-stage Parkinson's disease: in-person and remote delivery

It's a marathon, not a sprint: physical therapy leadership in exercise programs for Parkinson's Disease



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SYNCHRONOUS LIVE PROGRAM

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Sunday, October 3 All program times are in Eastern Time



9:00 AM – 10:00 AM Video Chat on Parkinson's Disease Session #2

Lower extremity dystonia in Parkinson's disease

A Personalized Approach to Retraining Functional Mobility in a Freezing of Gait Case Study.

Demystifying vestibular function and treatment in Parkinson disease: From central to peripheral pathology.

Agility and Fall Prediction in Parkinson: Do we have it backwards?



9:00 AM – 10:00 AM Video Chat on Brain Injury

Behavior Management: Recognition, Analysis and Intervention within the Brain Injury Population

Community Reintegration Following TBI- An Interdisciplinary Perspective.

Dual-Task Deficits in Mild Traumatic Brain Injury: Theoretical Foundation, Neurophysiologic Background, and Clinical Implications



9:00 AM – 10:00 AM Video Chat on High-Intensity Gait Training

The Real World – The True Story of Attempting to Implement High-Intensity Training During Inpatient Rehab

High Intensity Gait Training after Stroke in Inpatient Rehabilitation

A Systematic Approach to the Implementation of High-Intensity Gait Training: Making Sustainable Changes in Practice

High Intensity Training in Variable Contexts: Not Just Slapping On Ankle Weights



9:00 AM – 10:00 AM Video Chat on Multiple Sclerosis

Knowledge translation for Physical Therapy and Multiple Sclerosis: Barriers and solutions



10:00 AM - 10:50 AM

Implementing the CPG for Improving Locomotor Function Part 2: Case Examples of Implementation Strategies

Lisa Goodwin, PT, DPT, NCS

Carey Holleran, PT, MPT, DHS, NCS

Maghan C. Bretz, PT, MPT, NCS

Lauren Szot, PT, DPT, NCS

Meredith Banhos, PT, DPT, NCS

Jon Robinson, PT, DPT, NCS

Estelle Gallo, PT, DPT, NCS

Ryan Gorecki, PT, DPT, NCS



11:00 AM – 11:50 AM

The Real World – The True Story of Attempting to Implement High-Intensity Training During Inpatient Rehab (Pt 2)

Christopher Henderson, PT, PhD, NCS

Lauren Lenca, PT DPT NCS

Jennifer Lotter, PT

Maghan C. Bretz, PT, MPT, NCS

Jennifer L. Moore, PT, DHS, NCS

SYNCHRONOUS LIVE PROGRAM

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Sunday, October 3 All program times are in Eastern Time

**EDU
SESSION**

Neurologic Physical Therapy Practice of Today and the Future Panel

12:00 PM - 12:50 PM

Neurologic physical therapy practice of today and the future

Patricia Scheets, PT DPT
Thomas G. Hornby, PT, PhD
Sue Perry, PT, DPT
Wendy Romney, PT, DPT, PhD, NCS

1:00 PM - 1:30 PM

Neurologic physical therapy practice of today and the future - Clinician's Perspective

Maghan C. Bretz, PT, MPT, NCS
Megan Eikenberry, DPT

1:30 PM - 2:00 PM

Collaborative Practice Change: The Building Blocks for Success - Administrator's Perspective

Hallie Zeleznik, DPT, NCS
On-Demand session related: Organizational Change Strategies for Practice Standardization
Mike Billings, DHSc

2:00 PM – 2:30 PM

Neurologic physical therapy practice of today and the future - Educator's Perspective

Sue Perry, PT, DPT
Lauren Snowdon, PT, DPT, EdD

2:45 PM – 3:15 PM

Collaborative Practice Change: The Building Blocks for Success - Researcher's Perspective

Nancy M. Salbach, BSc, BScPT, MSc, PhD

3:15 PM - 4:00 PM

Moving Forward from International Perspective

Judy Deutsch, PT, PhD, FAPTA
Presentation and Panel Discussion

4:10 PM - 5:00 PM

MovingForward – The Future of Neurologic PT

Susan L Whitney, PT, DPT, NCS, ATC, FAPTA
Panel Discuss Moderator

**EDU
SESSION**

5:00 PM - 5:50 PM

Raising the bar: moving entry level neurologic education forward

Wendy Romney, PT, DPT, PhD, NCS
Amy M. Yorke, PT, PhD, NCS
Andrea L. Oberlander, DPT
Suzanne Trojanowski, PT, DPT, NCS

**VIDEO
CHAT**

5:00 PM – 5:30 PM Video Chat on Moving Forward - Clinical perspective

**VIDEO
CHAT**

5:00 PM – 5:30 PM Video Chat on Moving Forward - Administrators perspective

SYNCHRONOUS LIVE PROGRAM

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Sunday, October 3 All program times are in Eastern Time



5:00 PM – 5:30 PM Video Chat on Moving Forward – Research perspective



5:00 PM – 6:00 PM Video Chat on Implementation

When Do I Translate Evidence to Practice? Avoiding Too-Early-To-Implement Pitfalls Using Clinical Practice Guidelines
Is It Really Possible to Implement Standards of Care in Rehabilitation? Yes, But It's Not Easy.

iKNOW-PT: Integrating Knowledge Translation across PT settings - from Academia to Clinic to Community



5:00 PM – 6:00 PM Video Chat on Pain

Pain in Neurodegenerative Disease: Why We Should Pay Attention



6:00 PM – 6:50 PM

Optimal Outpatient Treatment of Patients with Functional Neurological Disorders

Julie Maggio, PT, DPT



6:00 PM – 7:00 PM Video Chat on Vestibular #1

It's not all about spinning: The relationship between diabetes, vestibular function, and balance
Benign Paroxysmal Positional Vertigo: A Theory in Evolution



6:00 PM – 7:00 PM Video Chat on Education

Raising the bar: moving entry level neurologic education forward

Preparing the next generation of evidence-based practitioners. Integrating the five steps of evidence-based practice into a DPT curriculum.

Education - Moving Forward speakers



6:00 PM – 7:00 PM Video Chat on Wheelchair Seating and Positioning

Plug and Play Pre-Professional Training Program for Wheelchair Seating and Mobility (WSM)

Improving Wheeled Mobility Outcomes Following Acquired Brain Injury



6:00 PM – 7:00 PM Video Chat on Virtual Reality

Virtual Reality, Real Change: Applying Therapeutic Virtual Reality using Motor Learning Principles to Drive Neuroplasticity



6:30 PM – 7:00 PM Video Chat on Huntington's Disease

Knowledge Translation of a Clinical Practice Guideline for PT Management of Persons with Huntington's Disease



7:00 PM - 7:50 PM

Establishing Vestibular Concussion Rehabilitation Programs Within Two Large Hospital Systems

Kayla Covert, PT, DPT

Sheri Fedor, PT, DPT, NCS



7:00 PM – 7:30 PM Video Chat on Moving Forward

ANPT Board of Directors and Moving Forward Task Force



7:00 PM – 7:30 PM Video Chat on Functional Disorders

Using Neuroscience to Optimize Outpatient Treatment of Patients with Functional Neurological Disorder



8:00 PM – 9:00 PM Video Chat on Vestibular #2

Establishing Vestibular Concussion Rehabilitation Programs Within Two Large Hospital Systems

Expanding the Balance Evaluation: Vestibular Assessment and Treatment for the Non-Dizzy Patient

EXHIBIT HALL

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