



2022 Annual Conference | Course Description & Objectives | April 9, 2022

UNMC Truhlsen Events Center

IN-PERSON COURSE

Jennifer Stoskus, PT, DPT

Board-Certified Clinical Specialist in Neurologic Physical Therapy

Course Title: Therapeutic Virtual Reality: Application across Neuro-Rehab, Orthopedics, and more!

Course Description:

Virtual reality (VR) is a tool used across all disciplines and fields of rehabilitation. This course will cover the history of virtual reality in rehabilitation and the latest innovations using virtual reality for assessment and treatment in Physical Therapy. Learn what to look for when choosing a virtual reality system and how to apply the principles of motor learning to therapeutic virtual reality intervention across patients with neurologic, orthopedic, and vestibular disorders



Course Objectives:

By the end of this course, participants will be able to:

1. Define virtual reality
2. Review a history of virtual reality in rehabilitation
3. Identify precautions for the therapeutic use of virtual reality
4. Recognize appropriate patient populations for assessment and rehabilitation with virtual reality
5. Analyze literature related to use of virtual reality in rehabilitation across diverse patient populations
6. Outline motor learning principles
7. Apply motor learning principles in the application of therapeutic virtual reality intervention
8. Develop clinical decision-making in application of virtual reality
9. Design physical therapy plan of care for given case studies that incorporates virtual reality

Bio:

Jennifer Stoskus, is a Doctor of Physical Therapy and Board-Certified Clinical Specialist in Neurologic Physical Therapy (PT, DPT, NCS). She is currently the executive director of clinical affairs for Virtualis, a rehabilitation technology company centered on therapeutic immersive virtual reality and force plate technologies. With over a decade of experience in outpatient physical therapy, her private practice in Hoboken, NJ now focuses on the management of adults with vestibular, concussion, and balance disorders. Dr. Stoskus is an active member of the APTA's Academy of Neurologic Physical Therapy including the Vestibular SIG, Vestibular EDGE outcome measure task force, and APTA NJ's Vestibular Special Interest Group (Co-Chair). In addition to her full-time work, Dr. Stoskus is an adjunct faculty member in the Seton Hall DPT program (NJ) teaching content in adult neurology, postural control assessment using technology, vestibular rehabilitation, and professional development and leadership seminar. She has previously taught clinical neuroscience in the DPT program at Touro College's Bay Shore campus (NY).

Schedule (times may change slightly):

07:00 am – 07:30 am	REGISTRATION
07:30 am – 10:00 am	Introduction to Virtual Reality in Rehabilitation Review of Motor Learning Principles
10:00 am – 10:45 am	EXHIBITOR BREAK
10:45 am – 12:00 pm	Therapeutic Virtual Reality in Neurologic Rehabilitation
12:00 pm – 01:30 pm	BUSINESS MEETING & LUNCH
01:30 pm – 03:00 pm	Therapeutic Virtual Reality for Patients with Vestibular and Balance Disorders
03:00 pm – 03:15 pm	BREAK
03:15 pm – 05:00 pm	Therapeutic Virtual Reality for Patients with Orthopedic Impairment