

Clinical Connections: Augmenting Therapy with Virtual Reality

May 9, 2023

4-5:30pm

Virtual Conference

Sponsored by:

UPMC Rehabilitation Institute

*UPMC Center for Continuing Education in the Health
Sciences*

University of Pittsburgh School of Medicine

Department of Physical Medicine & Rehabilitation

Overview

Practitioners in rehabilitation may be challenged to combat the repetitive of activities that can lead to boredom, decreased therapy engagement, and decreased outcomes. Virtual reality offers an opportunity to innovate rehabilitation practices. Virtual reality (VR) and mixed reality (MR) are currently not widely adopted rehabilitation modalities. Many rehabilitation programs do not utilize VR as a tool to attaining goals and outcomes. The decreased utilization of VR/MR may be due to decreased knowledge of research, clinical time required for use, access to the technology and technology operation. This course will discuss both the practice of including virtual reality in rehabilitation exercises as well as patient and caregiver engagement practices. In order to keep patients engaged, practitioners involved in rehabilitation, both inpatient and outpatient, need to know strategies to discuss difficult topics with family member, be able to engage both the patient and family/caregivers in the course of rehabilitation, and appropriately refer patients to community resources.

Learning Objectives

Having attended this activity, attendees will be able to:

1. Recognize how immersion and embodiment can improve patient engagement.
2. Integrate therapeutic activity analysis into a virtual reality experience.
3. Identify current motor disabilities barriers to using virtual reality/mixed reality and methods of minimizing these barriers.

Target Audience

Nurses, physical therapists, occupational therapists, speech/language pathologists, case managers, social workers, physiatrists/physicians, fellows, and residents involved with rehabilitation are encouraged to attend.

Program Schedule

4pm	Sign in	
4:15pm	Welcome and Introduction	Briana Kelly
4:20pm	Presentation and Q&A	Randall Huzinec
5:30pm	Adjourn	

Presenters

Randall Huzinec, PT UPMC Rehabilitation Institute

Course Director

Briana Kelly, MOT, OT/L

Senior Manager, Rehab Organizations

UPMC Rehabilitation Institute

CME Accreditation and Designation Statement

In support of improving patient care, the University of Pittsburgh is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for

Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

Physician (CME)

The University of Pittsburgh designates this live activity for a maximum of **1.25 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Nursing (CNE)

The maximum number of hours awarded for this Continuing Nursing Education activity is **1.25 contact hours**.

Social Work

As a Jointly Accredited Organization, University of Pittsburgh is approved to offer social work continuing education by the Association of Social Work Boards (ASWB) Approved Continuing Education (ACE) program. Organizations, not individual courses, are approved under this program. State and provincial regulatory boards have the final authority to determine whether an individual course may be accepted for continuing education credit. University of Pittsburgh maintains responsibility for this course. Social workers completing this course receive **1.25 continuing education credits**.

Other health care professionals will receive a certificate of attendance confirming the number of contact hours commensurate with the extent of participation in this activity.

The University of Pittsburgh Department of Occupational Therapy is a pre-approved provider of continuing education in Pennsylvania. This course is approved for **1.5 Contact Hours**.

The University of Pittsburgh Department of Physical Therapy is a pre-approved provider of Continuing Education in Pennsylvania. This course is approved for **1.5 units of General Access CEUs**.

This course has been approved by the Maryland State Board of Physical Therapy Examiners for **0.15 CEUs (1.5 contact hours)**.

UPMC Western Maryland is approved (PW 13-03-506-1001) as a provider of continuing nursing education by the Maryland Nurses Association, an accredited approver by the American Nurses Credentialing Center's Commission on Accreditation (**1.5 contact hours**).

Faculty Disclosures

No members of the planning committee, speakers, presenters, authors, content reviewers and/or anyone else in a position to control the content of this education activity have relevant financial relationships with any companies whose primary business is producing, marketing, selling, re-selling, or distributing healthcare products used by or on patients.

Disclosure Statement

The information presented at this program represents the views and opinions of the individual presenters, and does not constitute the opinion or endorsement of, or promotion by, the UPMC Center for Continuing Education in the Health Sciences, UPMC / University of Pittsburgh Medical Center or Affiliates and University of Pittsburgh School of Medicine. Reasonable efforts have been taken intending for educational subject matter to be presented in a balanced, unbiased fashion and in compliance with regulatory requirements. However, each program attendee must always use his/her own personal and professional judgment when considering further application of this information,

particularly as it may relate to patient diagnostic or treatment decisions including, without limitation, FDA-approved uses and any off-label uses.