

Presenter's name: Mylena Medeiros

Degree, affiliation: Master of Sciences, Saskatchewan Polytechnic

Curriculum vitae:

2017- MSc in Medical Rehabilitation, University of Manitoba, MB, Canada

2001-Post-Graduate in Physical Therapy Neurofunctional

1996-Bachelor of Science in Physiotherapy

EMPLOYMENT EXPERIENCE

12/2022 to present Professor Anatomy & Physiology, Saskatchewan Polytechnic

08/2019 to present Director, Frontierless Wellness Centre

01/2022 to 5/2022 Professor, University of Manitoba

04/1997 to 11/2016 Founder/President, EquoAmigos Hippotherapy Association (Nonprofit Organization), RJ, Brazil

PEER-REVIEWED

Medeiros, Mylena, et al. "Development and reliability of the seated posture control measure for therapeutic horseback riding/hippotherapy for children and youth with neuromotor disorders."

Physiotherapy - The Journal of Indian Association of Physiotherapists, vol. 17, no. 1, Jan.-June 2023, p. 42.

BOOKS

Author of 4 Hippotherapy book

PRESENTATIONS

Keynote speaker of several conferences in the area of Hippotherapy worldwide

Category: short paper

Topic: Special Program / projects

Authors:

Mylena Medeiros

Title: SEATED POSTURE CONTROL MEASURE FOR HIPPO THERAPY APP

Keyword 1: Outcome Measure App

Keyword 2: Hippotherapy

Keyword 3: Neromotor Disabilities

Abstract:

Physical outcome in Hippotherapy have been identified in many studies. Nonetheless, researchers have highlighted the lack of clinical assessment tools used in clients with neuromotor disorders to determine effectiveness of Hippotherapy before and after sessions.

An App has been created at Saskatchewan Polytechnic, a Canadian Academic Institution, in partnership with four departments, Arts and Sciences, Computer System Technology, Software Developer and Media Developer. This App was based on my thesis research which developed an outcome measure, in the context of Hippotherapy, to evaluate postural control and gross motor functions in clients with

neuromotor disorders which had a reliability score of inter-rater and test-retest above 0.90 (ICC values).

The purpose of this presentation is to introduce this outcome measure App, developed for the Hippotherapy community, to foment academic collaboration and future research studies.