

Conférences scientifiques du CRIR

Centre de recherche
interdisciplinaire
en réadaptation
du Montréal métropolitain

Motor control and health: Optimizing learning processes in motor rehabilitation

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Simon Steib is a postdoctoral researcher at the Department of Sport Science and Sport of the FAU Erlangen-Nürnberg. He has a master's degree in sports science, with focus on exercise therapy and healthy aging. He received his PhD in 2014 for examining interrelations between neuromuscular fatigue and sensorimotor control processes in young athletes. His postdoctoral research is mainly focused on identifying strategies to optimize motor control and learning processes in exercise rehabilitation and prevention.

The talk will provide an overview of recent research at the Motor Control and Health Laboratory of the FAU Erlangen-Nürnberg in Germany. The laboratory's research focuses on strategies to optimize motor control and learning processes in exercise rehabilitation. The talk will summarize findings from two recent clinical studies related to gait and balance rehabilitation in Parkinson's Disease (PD) patients: 1) the StaBLE project, evaluating an 8-week perturbation-based treadmill intervention, and 2) the FaST-PD study, investigating acute effects of cardiovascular exercise on balance learning in PD.



Thursday April 25, 2019
from 12:00 to 1:00

CISSS de Laval
Hôpital juif de réadaptation|
Jewish Rehabilitation Hospital
Salle du conseil|Boardroom B-1131
3205, place Alton-Goldbloom, Laval QC



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