Zurich University
of Applied Sciences

School of Health Professions

After Work Lectures

Use of Technology: From Simulation to Telemedicine in Arthritis

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Monday, 9 March 2015, 5.30 to 6.30pm
Room TN E0.58, Technikumstrasse 71, 8400 Winterthur

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Prof. Dr. Maura Daly Iversen

Maura Iversen's research focuses on clinical trials of exercise, behavioral interventions to improve adherence to pharmacologic/non-pharmacologic therapies and technologies to promote physical activity in persons with arthritis. She has received funding from the National Institutes of Health, National Arthritis Foundation, Foundation for Physical Therapy, Rheumatology Research Foundation (formerly REF), and the Farnsworth Foundation. She serves as collaborator on National Science Foundation grants to facilitate transfer of technology into health care.
Maura Iversen has published over 100 articles and chapters. She was named the 2011 Distinguished Scholar and the 2013 Distinguished Lecturer for the Association of Rheumatology Health Professionals, American College of Rheumatology. She has also received awards for advocacy, research and/or professional service from the Arthritis Foundation and the American Physical Therapy Association.

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Mobile and digital technologies are being integrated to promote access to patient care, allow consultation across specialities, to provide patient education and to promote behavior change. Many features make technologic applications desirable. They tend to be inexpensive, can provide a virtual environment which may promote patient adherence to exercise (e.g. exergaming for rehabilitation), allow communication across specialties to confirm allow differential diagnosis (telemedicine). These applications have the potential to overcome barriers to intervention adherence, are accessible and can be entertaining. This presentation will provide an overview of technological interventions to manage arthritis symptoms, synthesize the evidence for intervention effectiveness and areas for future research.

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