



Category: Clinical Application of Technology

Workshop Title: Building Capacity to Engage End Users in Advanced Technology Implementation throughout a Continuum of Care

Workshop Organizer(s): Amber M Walter

In person Speaker(s):

Matt Wilks

Workshop Time: 10:30 - 12:00

Attendee Engagement:

We will provide a structured worksheet to participants as a planning guide. They will be asked to identify roles they currently have in the major areas of structure presented. Then they will be asked to identify if they have key people they may move into a certain role. They will be asked to determine if they could plan to fill holes in the key areas identified. To get interaction as larger group, they will be then asked about plan to fill the key roles - this will help participants of various countries understand different possibilities based on different types of systems.

Abstract:

Over time, the questions regarding adoption of rehabilitation technologies have changed. At outset, the conversation centered on evidence for benefits of advanced technologies. Then it developed to answering the “who” these devices were beneficial for. With arguably mixed support, technology continues to be developed and utilized. Questions have evolved to understanding how to engage end-users to integrate advanced rehabilitation technologies in everyday clinical practice or activities. Sheltering Arms Institute has had over a decade of experience in integrating technologies with a wide range of devices uses and settings. We continue to be asked how we engage personnel to adopt technologies even from people at well-renowned facilities. Key to our success is development of a structure that supports all aspects of technology adoption. In this workshop we will describe the structure and the roles key team members play with the 1)acquisition of technology 2)evaluation of technology 3)initial adoption and training 4)optimizing usage with clinical case review and job aides 5)ongoing training, and 6)audit and feedback regarding technology use. Centered on the construct of knowledge translation, this structure supports clinicians in technology adoption from the first day of orientation.

Our workshop will be intended both for centers integrating and adopting technology as well as developers of advanced rehab technologies. For instance, additional focus on attributes of product support and how to integrate current evidence-based concepts in device development will be discussed. Experience will be described within a multitude of disciplines and uses including for upper limb, lower limb, gait, and swallowing.

Although the system is based in the United States and we can describe the investment related to the institution’s strategy, we would like to use the workshop to have others describe how this structure

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may be useful in their own institutions. In the workshop, we will interact with audience be able to describe the benefit of ensuring formal roles around advance rehabilitation technology implementation and propose similar structure in their own organization. Members or teams will be asked to identify any of the key roles they currently have, roles they may need based on the presented structure, and strategies that may move them toward a more optimal state of engagement.