Flinders UNIVERSITY | College of Nursing & Health Sciences

VIRTUAL REALITY AND ROBOTICS IN NEUROREHABILITATION

EXPLORE THE LATEST FEEDBACK-BASED RECREATIONAL AND REHAB-SPECIFIC TECHNOLOGIES AND LEARN HOW TO INCORPORATE THESE WITHIN AN INDIVIDUALISED REHABILITATION PLAN.

Dates: 13th September 2019 | **Mode of delivery: Face-to-face**

Cost: $440 including GST | **Course location: Flinders Medical Centre**

Course content

New rehabilitation technologies provide patients the opportunity to increase dose, intensity and specificity of rehabilitation. This one day course will provide an insight in the latest technologies and equipment for rehabilitation, including robotic-assisted devices, virtual reality and related technologies, such as telerehabilitation. Discussions of neuroplasticity will provide the foundations for presentations on the latest research and practical demonstrations by specialist clinicians, which will focus on the implementation of technology into rehabilitation practice.

Learning objectives

- Have a basic understanding of neuroplasticity, providing a foundation to technology-assisted skill training, as well as the elemental components that may have the potential to enhance neuroplasticity.
- Be able to identify and describe key approaches and programs for the use of new technologies such as robotics, haptics, medical games, and virtual rehabilitation in patients with neurological injuries
- Be able to identify how to incorporate virtual reality and related technologies within a rehabilitation plan
- Have practical experience in the use of these technologies.

Who should attend?

Health professionals working or interested in working in clinical rehabilitation.

Facilitator(s)

Dr Maayken van den Berg.

Continuing Professional Development (CPD)

Participants will receive a Certificate of Attendance at the completion of the workshop. This course complies with the professional development standards of health professional accreditation bodies and attendees may use these hours to accrue CPD points.

For queries please contact
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