



Wednesday 25th of September 2024 4:00 PM- 4:10 PM

Evidence-based framework to optimize active upper limb motor training in subacute cervical spinal cord injury

SPEAKER'S DISCLOSURE

I declare to have no interests in the below:

- The existence of any significant financial activity or other relationship
- Financial or material compensation in relation to research and publishing
- Financial or material compensation in relation to educational activities
- Ownerships and possessions in companies related to health care (includes service provides, IT)
- Compensation for expert functions in health care and consulting health care guidance processes



Evidence-based framework to optimize active upper limb motor training in subacute cervical spinal cord injury

ISCoS

Wednesday 25th of September 2024 Nele Bertels, PhD student, REVAL Under supervision of Prof. Annemie Spooren





KNOWLEDGE IN ACTION



Active motor training

Enhancing upper limb function In people with cervical spinal cord injury (pwC-SCI)

To develop a conceptual framework for pwC-SCI in subacute rehabilitation phase

- to enhance upper limb function at the ICF activity level
- to integrate skills into daily life

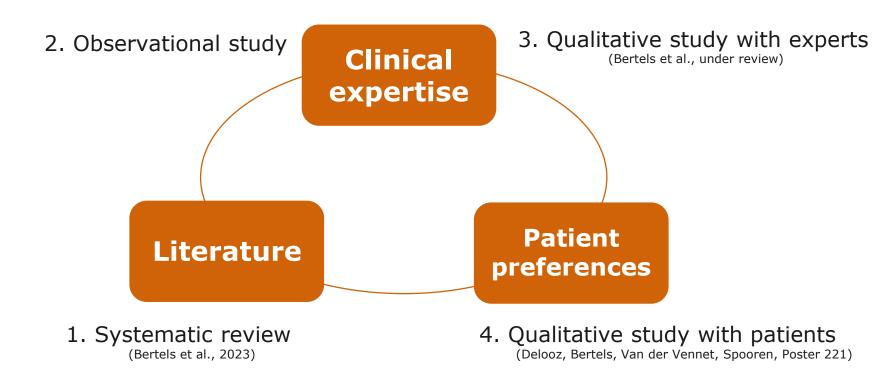






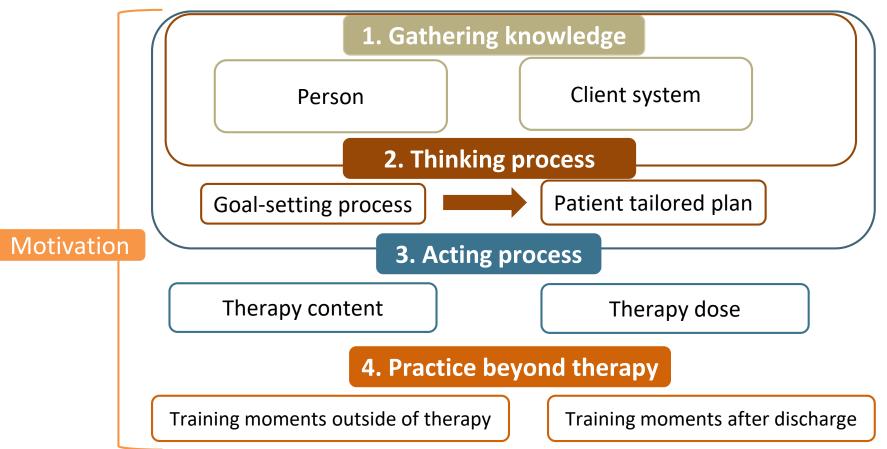
Kloosterman et al., 2009; Spooren et al., 2009; Lu et al., 2015

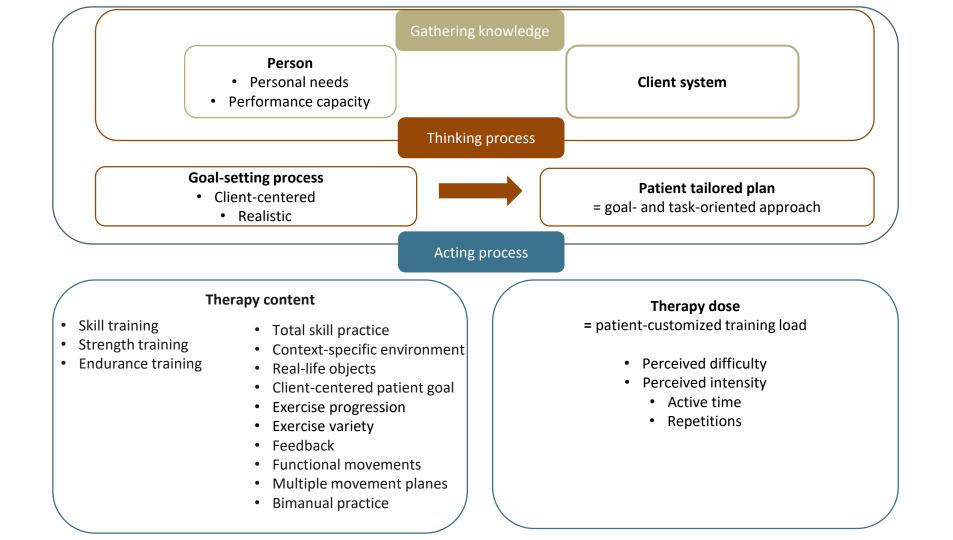
Method

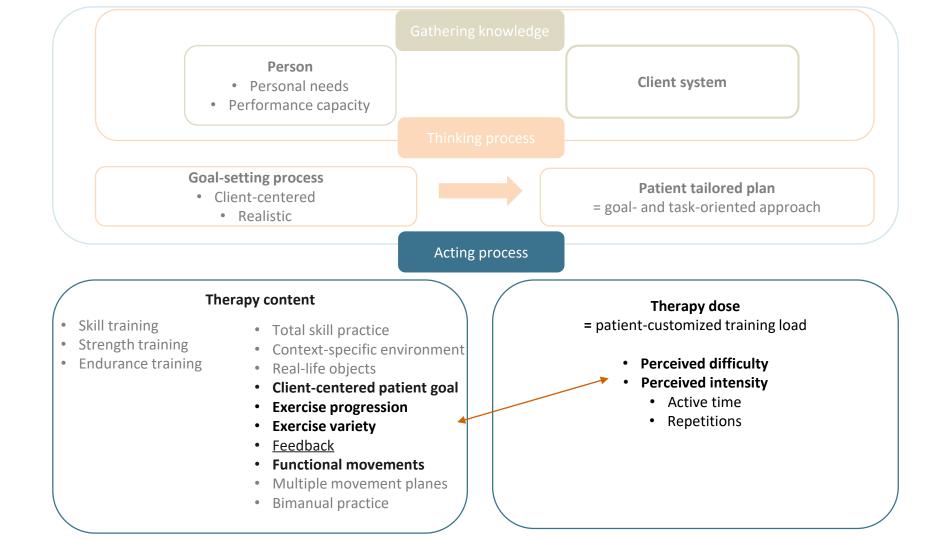


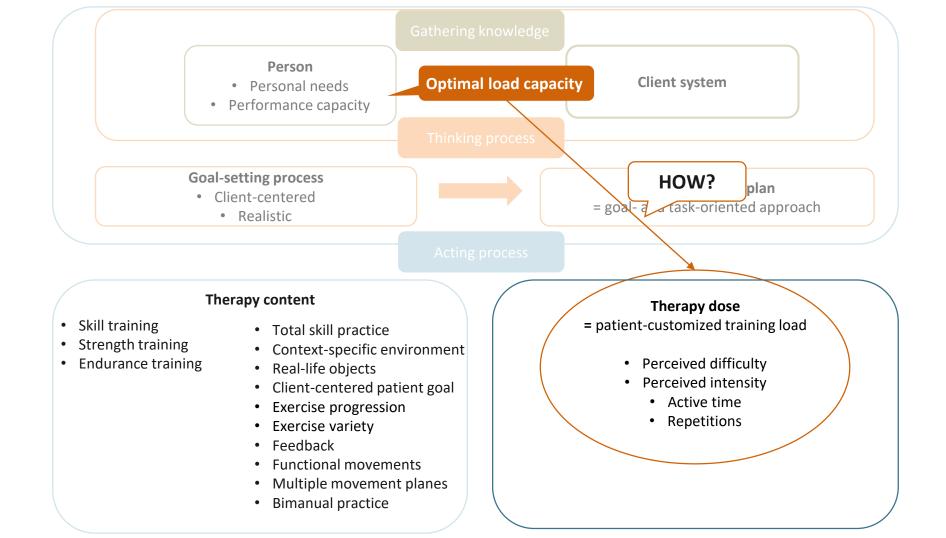


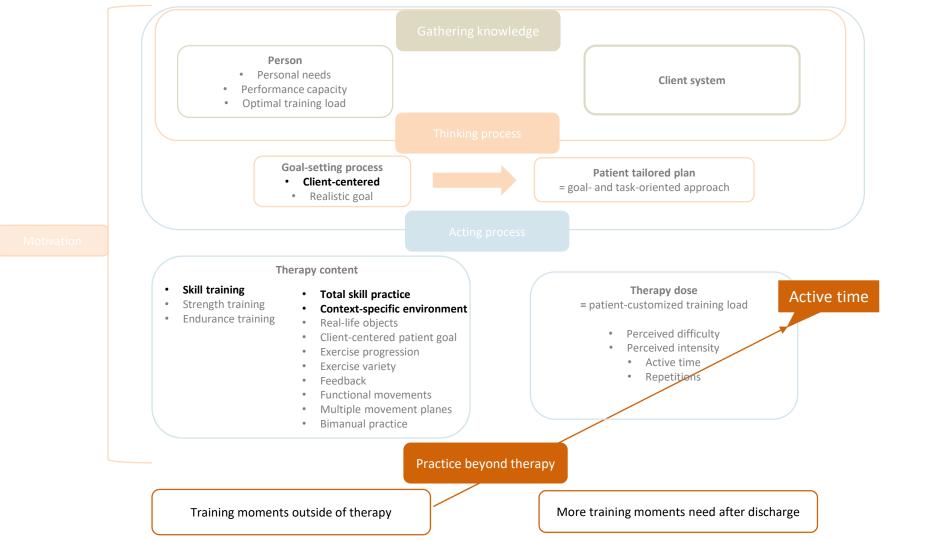
Results











Conclusion

Conceptual framework to enhance upper limb function at ICF activity level and integrating skills into daily life

- to guide therapists throughout the process of skill training
- to provide insights into the interconnection of different phases and components



Next step

E-Delphi study with experts worldwide to verify the completeness of the framework internationally



Dr. van Laake-Geelen and team Dr. Yvonne Janssen-Potten Dr. Borgions and team

Prof. Oostra and team

