

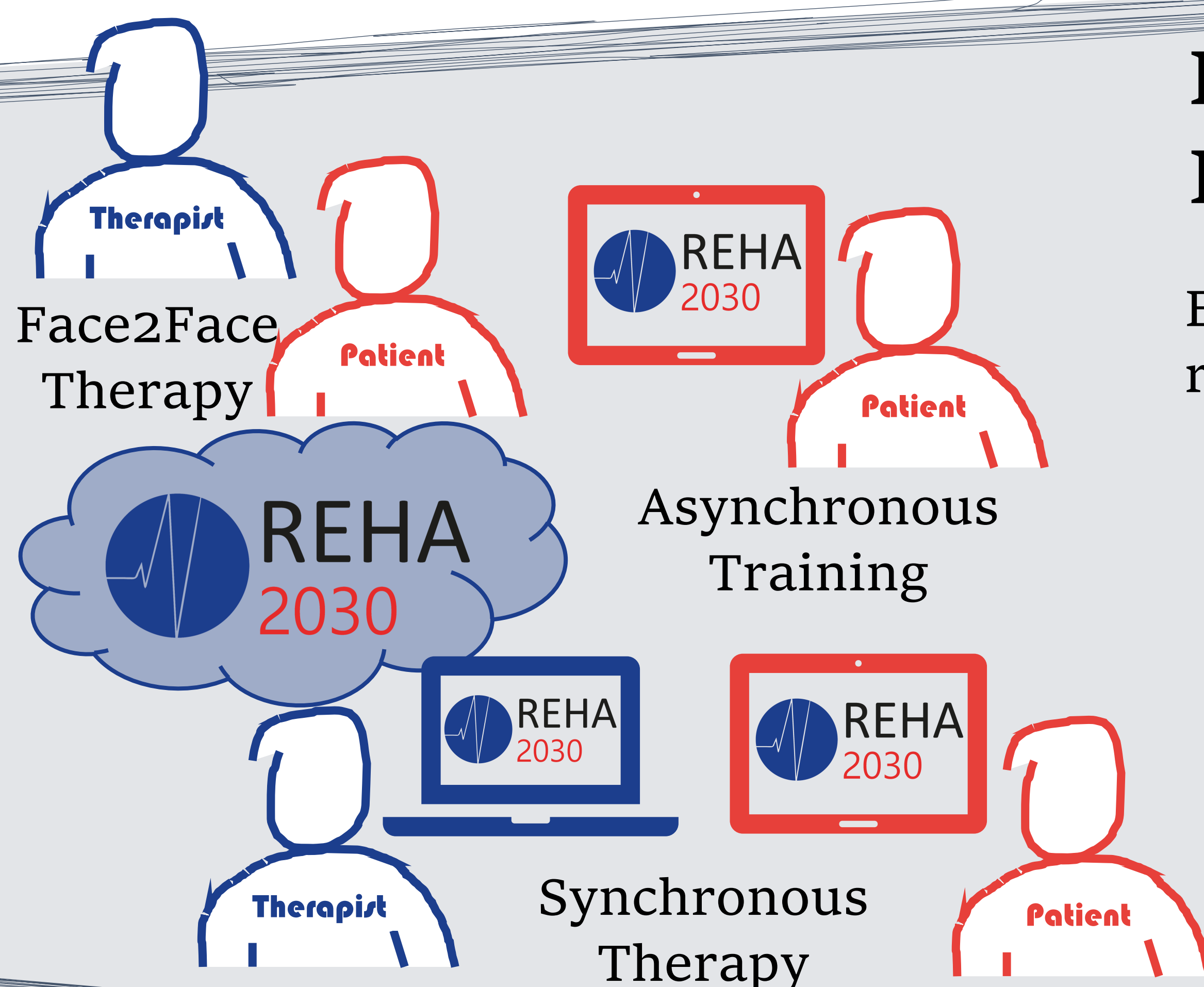
Telerehabilitation platform REHA2030: Visualization of training statistics for patient and therapist



REHA 2030 is co-financed by the European Regional Development Fund in the framework of the Cooperation Programme Interreg V-A Slovenia-Austria.

REHA2030

In the REHA2030 project, a need-oriented service model for telerehabilitation and a related technology platform to support stroke-patients during their post-clinical rehabilitation process is developed and evaluated. REHA2030 supports different types of therapist-patient interactions.



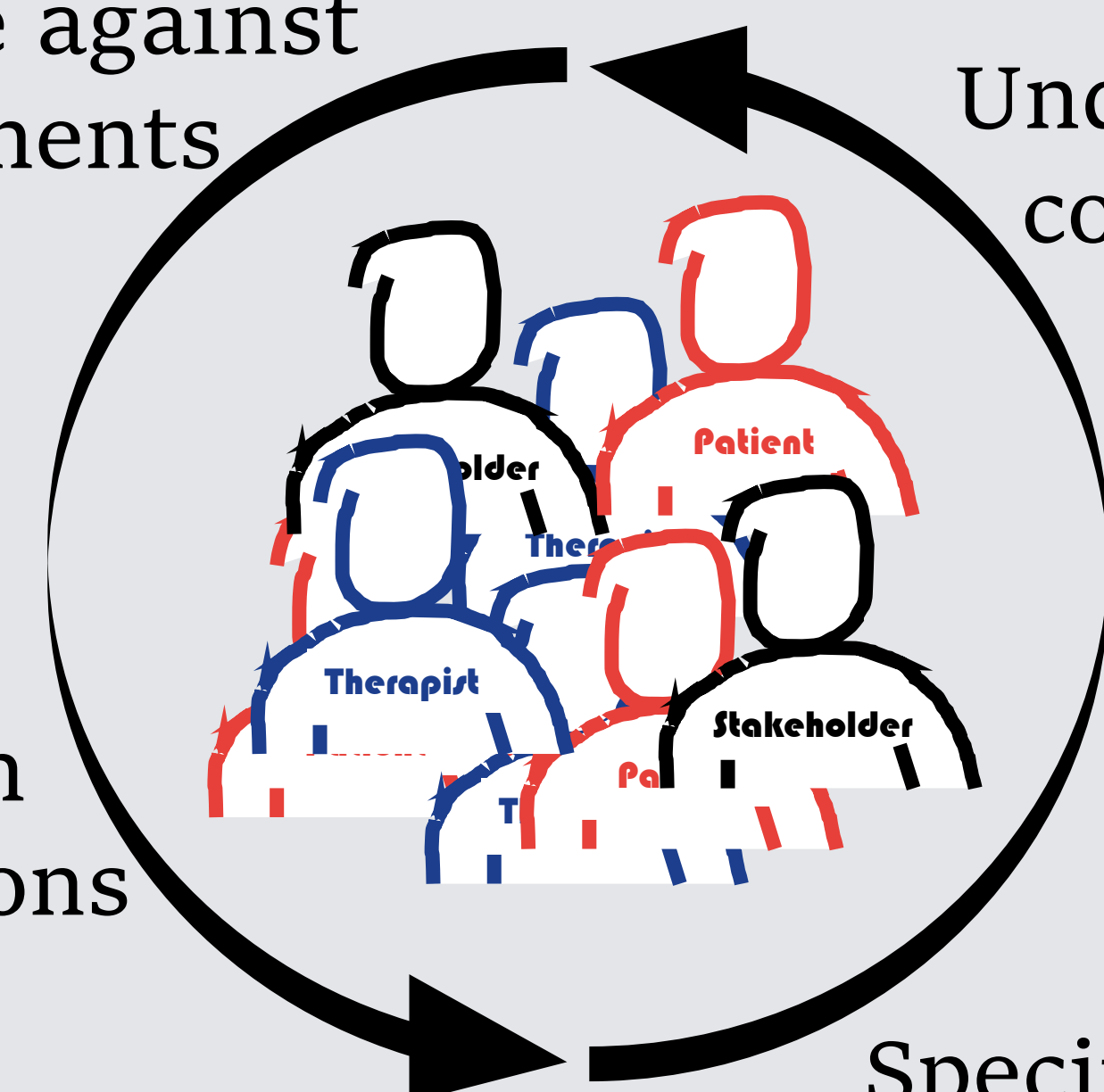
Human-centered design: ISO 9241-210:2019

Evaluate against requirements

Understand the context of use

Design solutions

Specify user requirements



Activity Monitoring: Patient



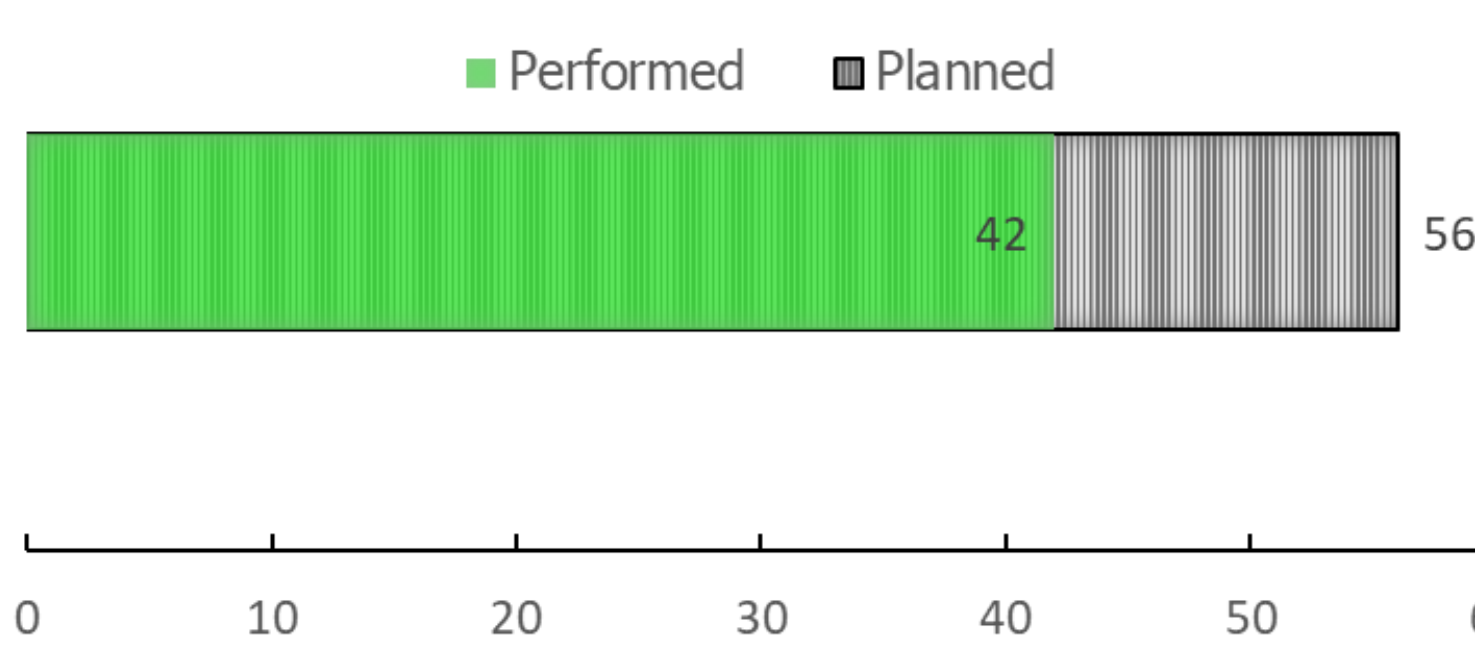
Nice Job!

You already performed **75%** of your planned trainings this week

THERAPY GOALS

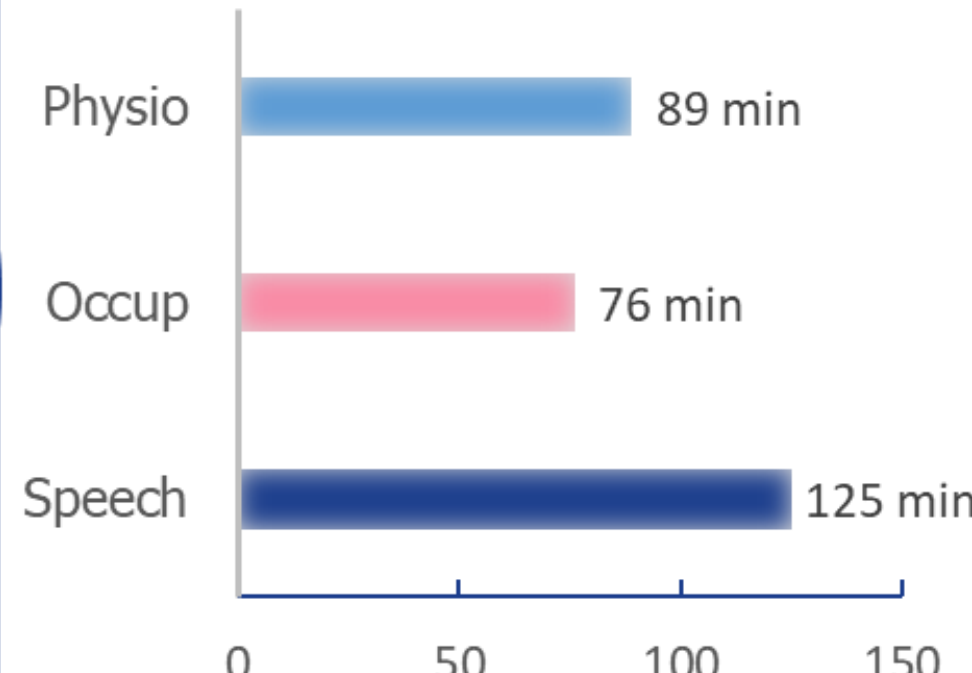
Physio Walk to the grocery independently
Occupational Hold a cup with the left hand
Speech Restore language abilities

EXERCISES PLANNED/PERFORMED 24.05.2021-30.05.2021



4:50
trained
last
7 days

MINUTES PRACTICED 24.05.2021-30.05.2021



Motivational Factors

REHA2030 fosters:

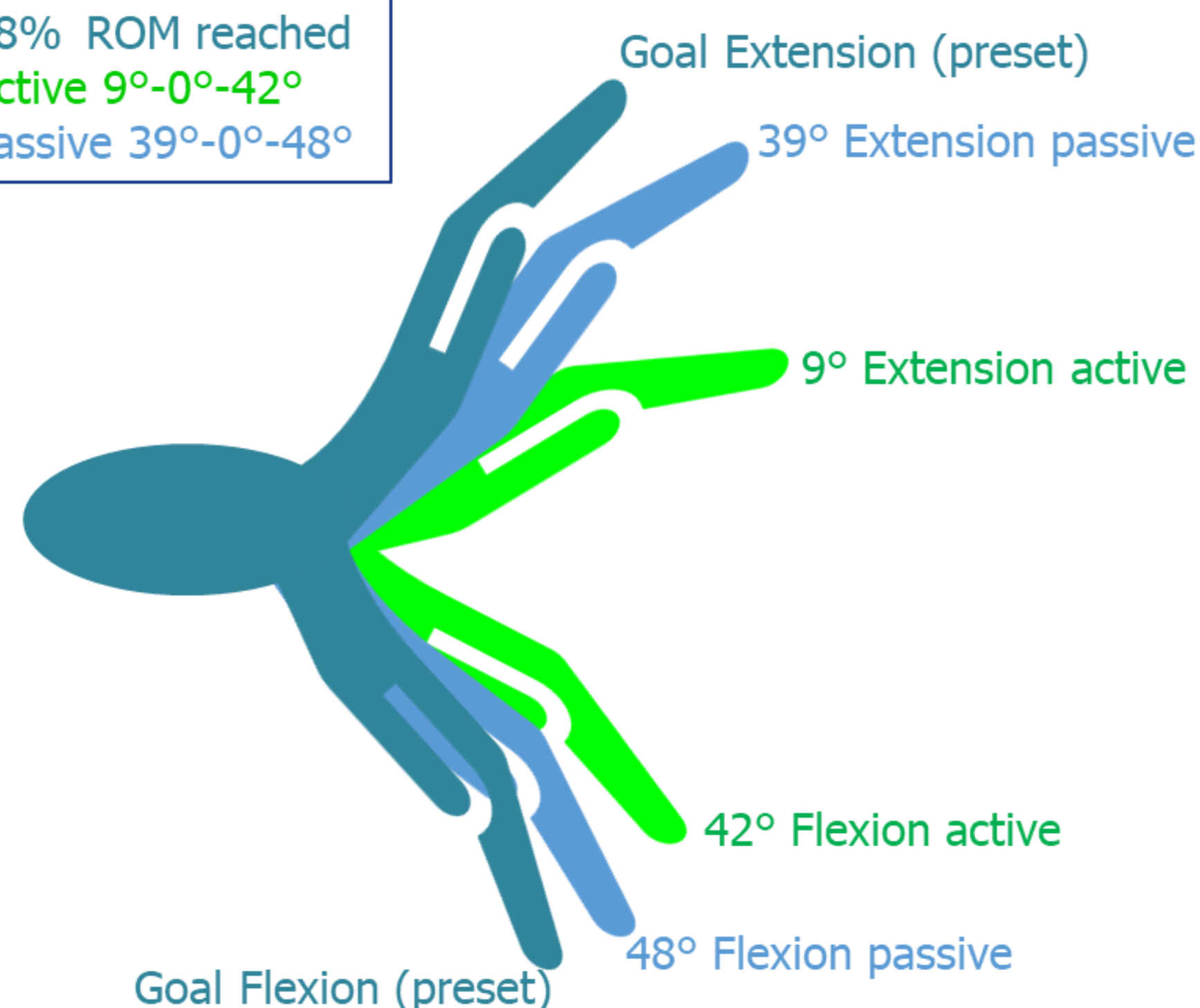
- Self-efficacy by setting goals, monitoring of therapy progress and enabling modifications of the therapy plan
- Self determination by serving as reasoning base
- Autonomy by providing individual feedback and self-control of outcomes
- Relapse prevention by making non-adherence visible

C.-M. Lyu and L. Zhang, "Concept analysis of adherence," Frontiers of Nursing, vol. 6, no. 2, pp. 81-86, Jul. 2019, doi: 10.2478/FON-2019-0013

Activity Monitoring: Therapist

RANGE OF MOTION – ACTIVE / PASSIVE 24.05.2021-30.05.2021

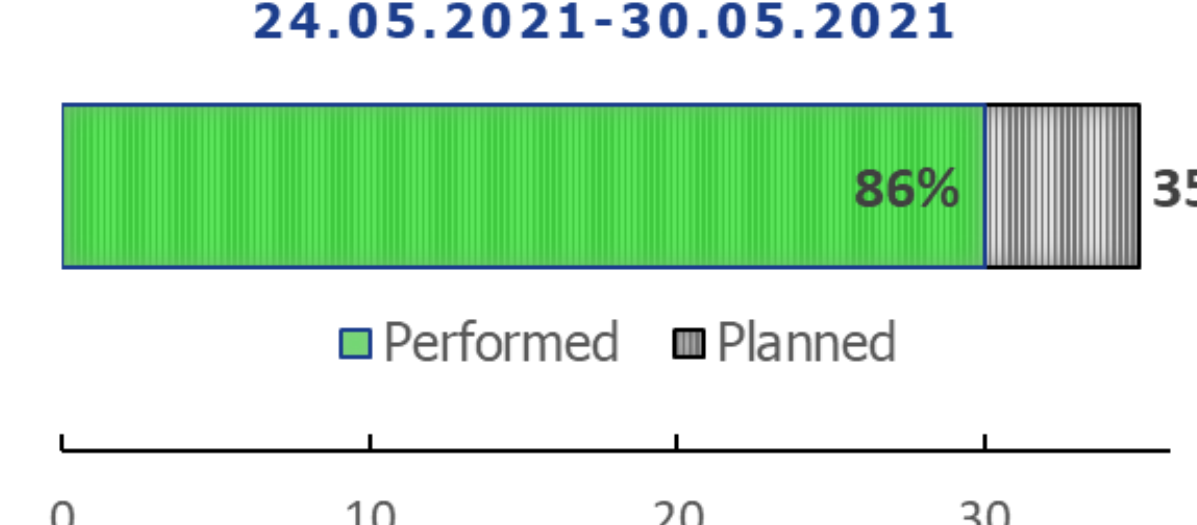
78% ROM reached
Active 9°-0°-42°
Passive 39°-0°-48°



ACTIVITY MONITORING - OVERVIEW

Patrick Patient

EXERCISES PLANNED / CONDUCTED 24.05.2021-30.05.2021



EXERCISES SKIPPED: 5

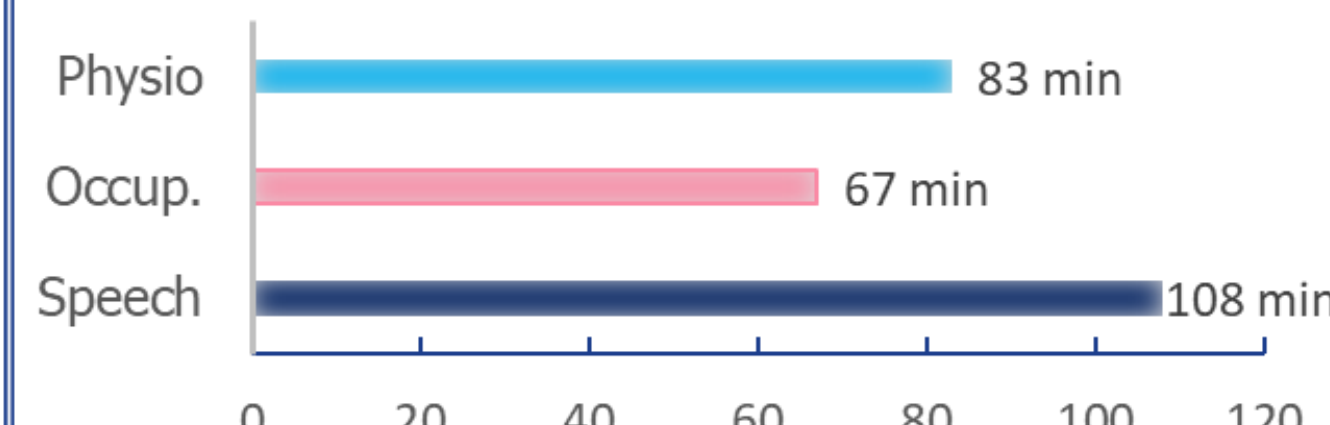
25.05.2021..... Apple Picking Game
26.12.2021..... Apple Picking Game
27.12.2021..... Apple Picking Game
27.12.2021..... Passive Hand Motion
27.12.2021..... Going for a walk

PATIENT FEEDBACK 24.05.2021-30.05.2021

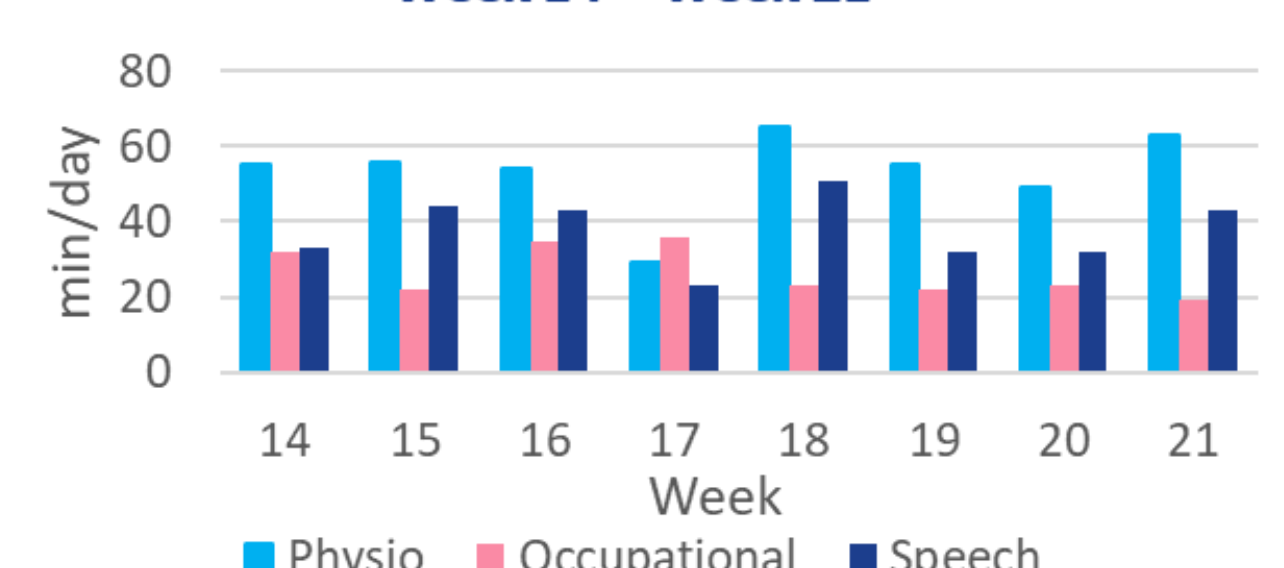
How is the general condition?
👍 6 🗨️ 1

How was the training?
👍 5 🗨️ 2

MINUTES PRACTICED 24.05.2021-30.05.2021



TRAINING DURATION Week 14 – Week 21



REHA
2030



<https://forschung.fh-kaernten.at/reha2030/>

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