Activity monitoring in stroke rehabilitation:
Advanced information for therapists and motivational factor for patients
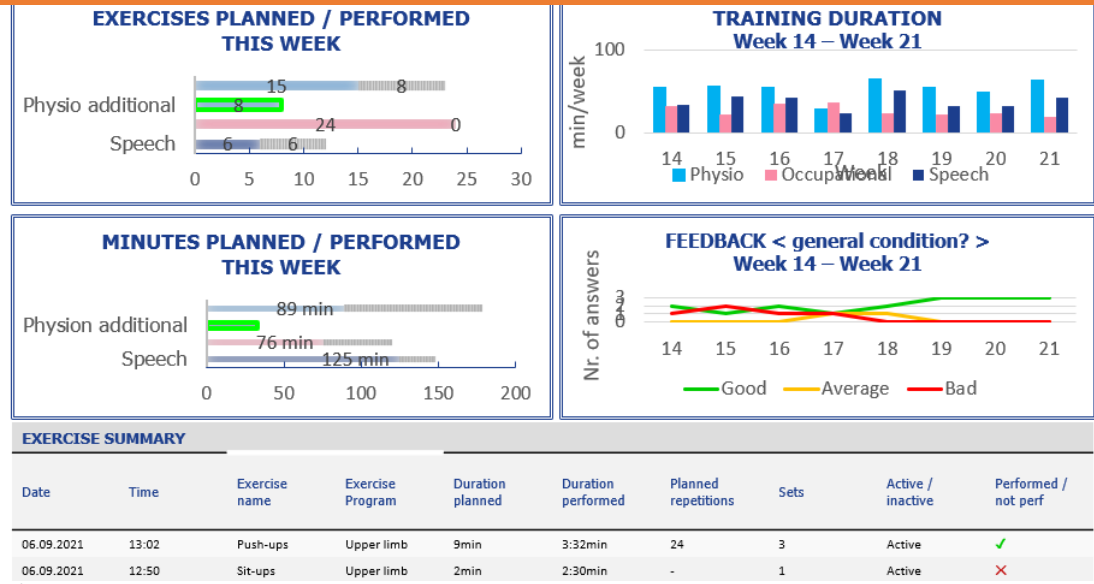
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BACKGROUND:

- new possibilities trough teletherapeutic services
- tracking and visualizing rehabilitation process
- The REHA2030 project: development of services/devices for stroke telerehabilitation
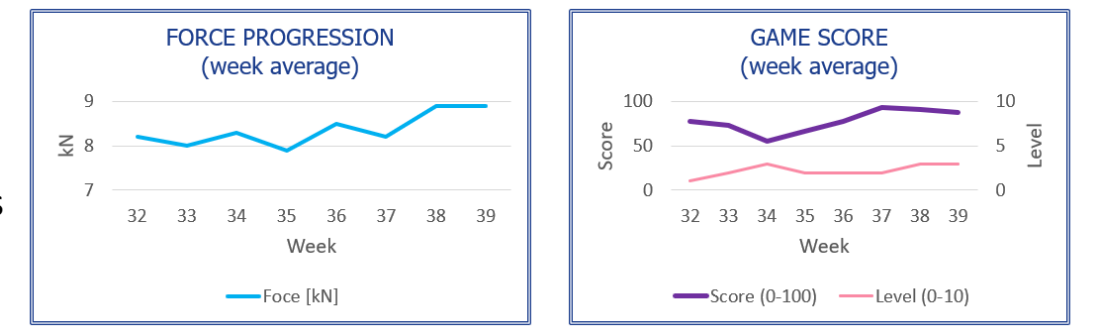- activity monitoring is one key element of the REHA230 platform

Therapist Activity Monitoring: Overview

RESULTS:

the activity monitoring comprises for therapists and patients statistics and graphics on:

- conducted exercises
- training duration
- feedback by the patient
- parameters of robotic training

MATERIALS & METHODS:

- user centered design approach
- workshops: therapists and rehabilitation experts
- requirements gathered
- developed solution validated

Therapist Activity Monitoring: subpage on hand rehabilitation device statistics

CONCLUSION:

- tailored activity monitoring of rehabilitation for patients and therapists

Outlook:

- further validation and development with patients/therapists