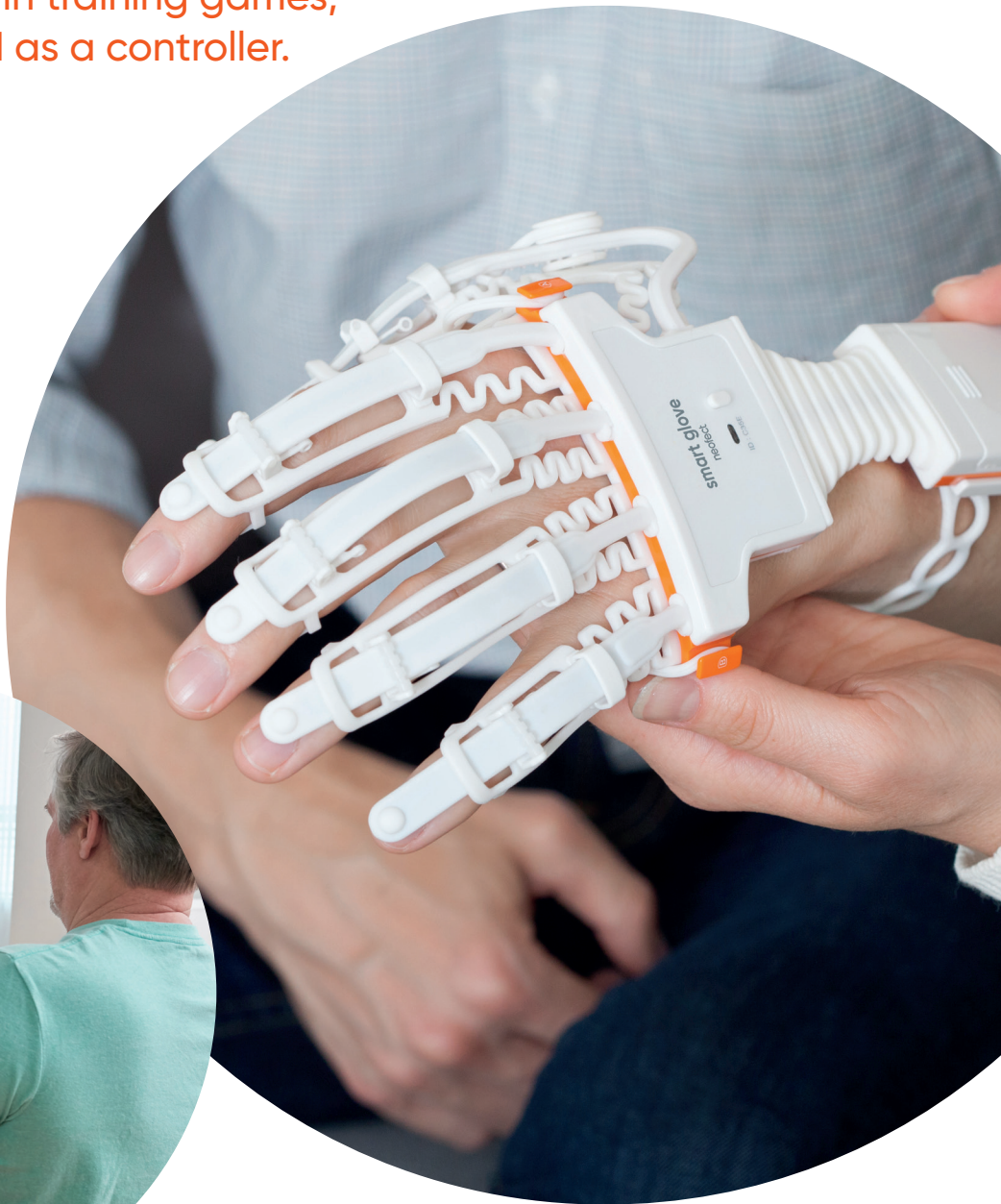# neofect

Neofect
Smart Glove

The Neofect Smart Glove is a biofeedback Training tool
designed to improve range of motion, coordination,
and timing by a patient in training games,
using the patient's hand as a controller.

Target Group

Cerebral palsy | Developmental delay | Multiple sclerosis | Moyamoya disease | Parkinson's disease
Stroke | Traumatic brain injury | Spinal cord injuries | Guillain-Barre syndrome
Arthritis | Bone fractures | Tendon and ligament lesion | Hand patients

Features

Real-Time Biofeedback Device

Measuring of AROM before and during training. Recording of time trained, range of motion and reaction time.
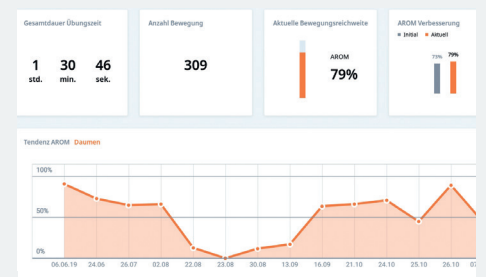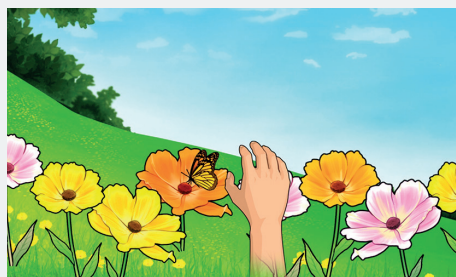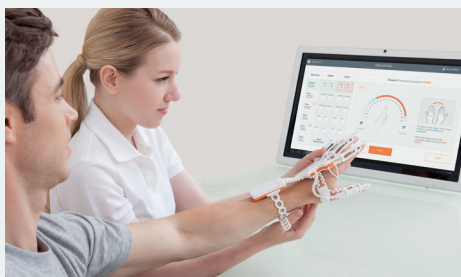
Gamified Exercises

Intensive, repetitive, task-oriented training for motoric learning in accordance of patient's individual level of performance.

Data and Outcomes Tracking

Evaluation of finger and wrist movement data. Training progress is monitored including repetitions, ROM coordination and timing.

Training Programs

Evaluation

The Smart Glove software allows an extensive evaluation of handicapped finger and wrist passive and active range of motion. Individual measurements determine the level of training.

Gamified Training

The Patient trains his / her wrist and fingers through ADL games and leisure activities. This encourages the patient to continually challenge himself / herself assigning tasks on the appropriate level games with the algorithms.

Result & Report

Patient progress is tracked and reports can be created to provide outcomes information for clinician documentation. The results give conclusion about agility, repetitions and the degree of improvement.