Bi-Manu-Trainer

REHA STIM
MEDTEC

Interactive uni- and bi-manual training exercise for finger, hand and arm

The Bi-Manu-Trainer uses sophisticated sensor technology combined with virtual reality to help patients rehabilitate the following movement patterns

- Arm pronation and supination
- Arm lifting and lowering
- Hand and finger extension
- Grasping movements
- Selective fine finger movement
- Wrist flexion and extension
- Elbow flexion and extension
- Pinch / Pressure sensitive finger training
- Reaction time
- Divided attention
- Concentration

The Bi-Manu-Trainer offers a wide variety of ADL relevant training programs and can be used from early stage to end stage rehabilitation

- Game specific challenges to improve fine motor skills
- Therapy level can be easily adjusted to meet individual patients needs
- Audio and visual biofeedback provides immediate positive reinforcement
- High repetitive and intense therapy for improved outcomes.
- Comprehensive training reports document progress and outcomes
- Increases motivation and patient adherence

The Bi-Manu-Trainer supports patients with sensory-motor and cognitive impairment for upper extremity rehabilitation.

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Therapy Games

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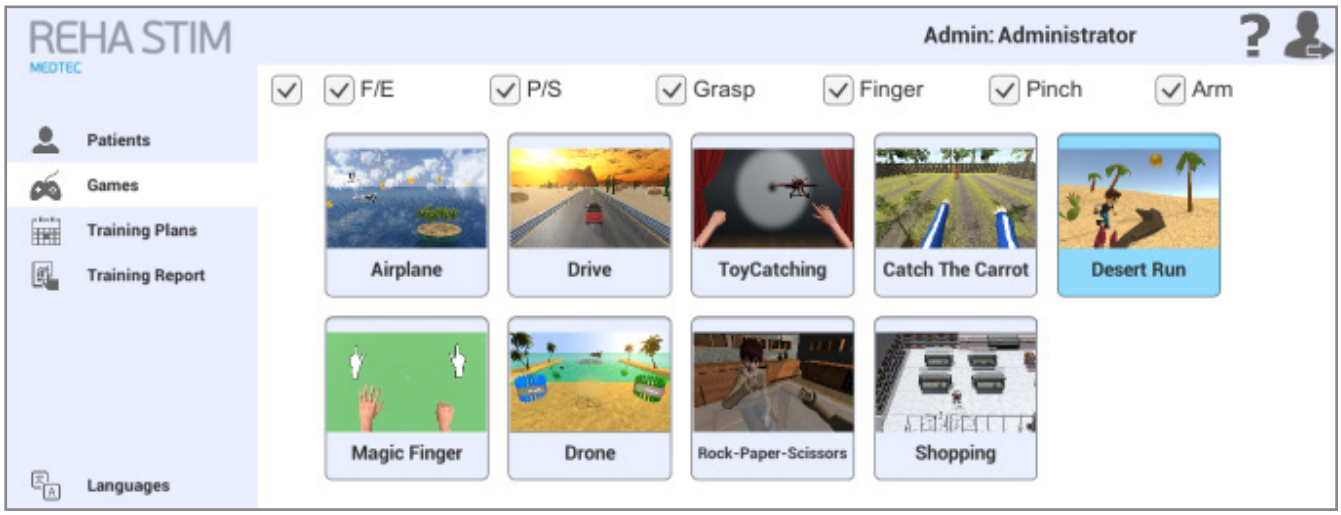
Designed specifically to address patients' upper extremity deficits



Meets guidelines to promote neuroplastic changes

challenging, repetitive, task-specific, intensive, motivating

Because research supports using VR for stroke rehabilitation, clinicians have started to include virtual reality rehabilitation in physical therapy to improve motor function outcomes and patient independence.

" Strong scientific evidence supports the beneficial effects of VR on upper limb motor recovery in stroke patients." Viñas-Diz S, Sobrido-Prieto M. Neurologia. (2016)

Please contact us directly for a detailed research bibliography of the positive effects of using VR physical medicine.

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