



Rehabilitation in virtual reality

Certified medical device designed by top experts for patient rehabilitation



More effective rehabilitation

The immersive effect of our application leads to the suppression of pain and unblocking of the patient's fears. This leads to faster improvement in their condition. Patients are more motivated to exercise.



Efficient operation

One physiotherapist can comfortably supervise multiple patients during exercise. Our application can replace some expensive rehabilitation devices. Thanks to more efficient rehabilitation, the turnover of patients is faster.



Simple and safe operation

Intuitive application with simple controls. It is safe to use even for elderly or disabled patients. Ability to easily plan, evaluate exercises and analyze patient progress.

Exercise modules

VR Vitalis® Pro is a modular application providing rehabilitation in a variety of areas

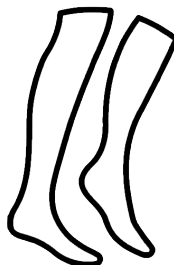


VR Vitalis® Pro indications

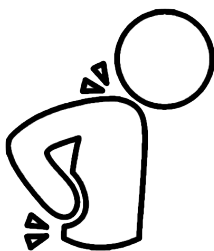
VR Vitalis® Pro can be used by patients
for rehabilitation of various areas



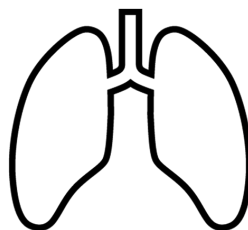
upper limbs



lower limbs



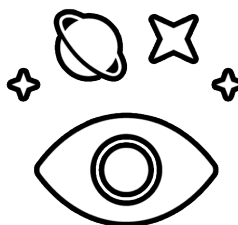
back and neck



breathing



relaxation

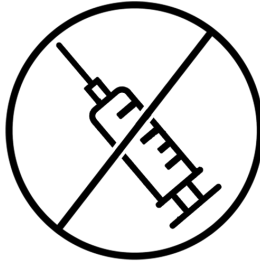


passive modules

Virtual reality should not be used in the following cases



after consuming alcohol



when taking drugs



intolerance of VR

After consultation with a doctor



children under 13
years of age



epilepsy



psychological
disorders



pregnancy

Cognitive functions

Exercise for patients with cognitive deficits caused by illness, injury or surgery. Mostly in conjunction with upper limb training.



Indications

After CMP, patients with Parkinson's disease, after brain injuries and operations, incipient memory problems



Upper limbs

Exercises suitable for large joints (shoulder and elbow) and wrist, including rotation.



Indications

After injuries and shoulder operations, carpal tunnel syndrome, reduced mobility of the wrist, after injuries and operations of the upper limbs



Lower limbs

Exercise suitable for non-ambulatory patients or patients who have problems with walking or need to be in a vertical position.



Indications

Patients with spinal cord damage, spastic pain, after injuries and lower limb surgeries



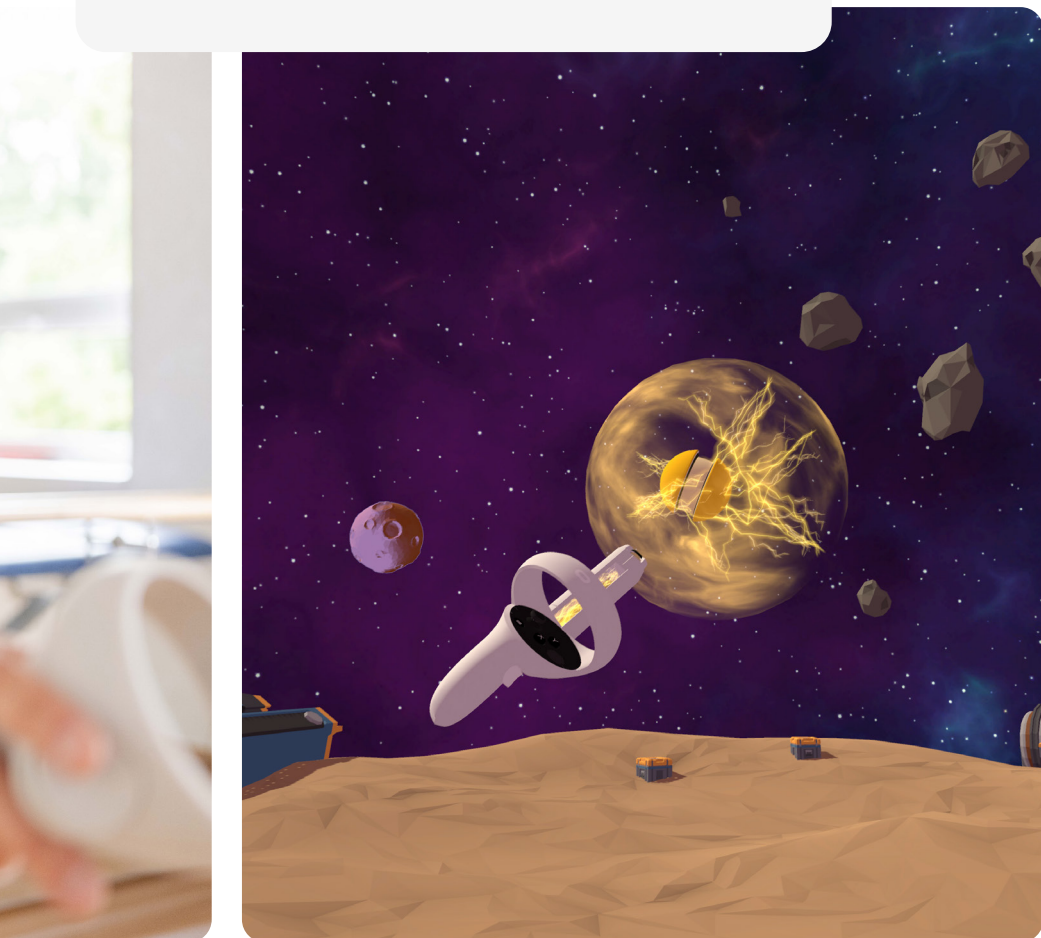
Back and neck

Corrective exercises for poor posture or inappropriate movement patterns.



Indications

Back problems, injuries and upper extremity operations



Meditation and relaxation

Modules to calm the patient and improve breathing capacity can be multiplied by inhaling molecular hydrogen.



Indications

Calming and relaxation, concentration, breathing exercises after lung diseases, lung insufficiency, after lung trauma



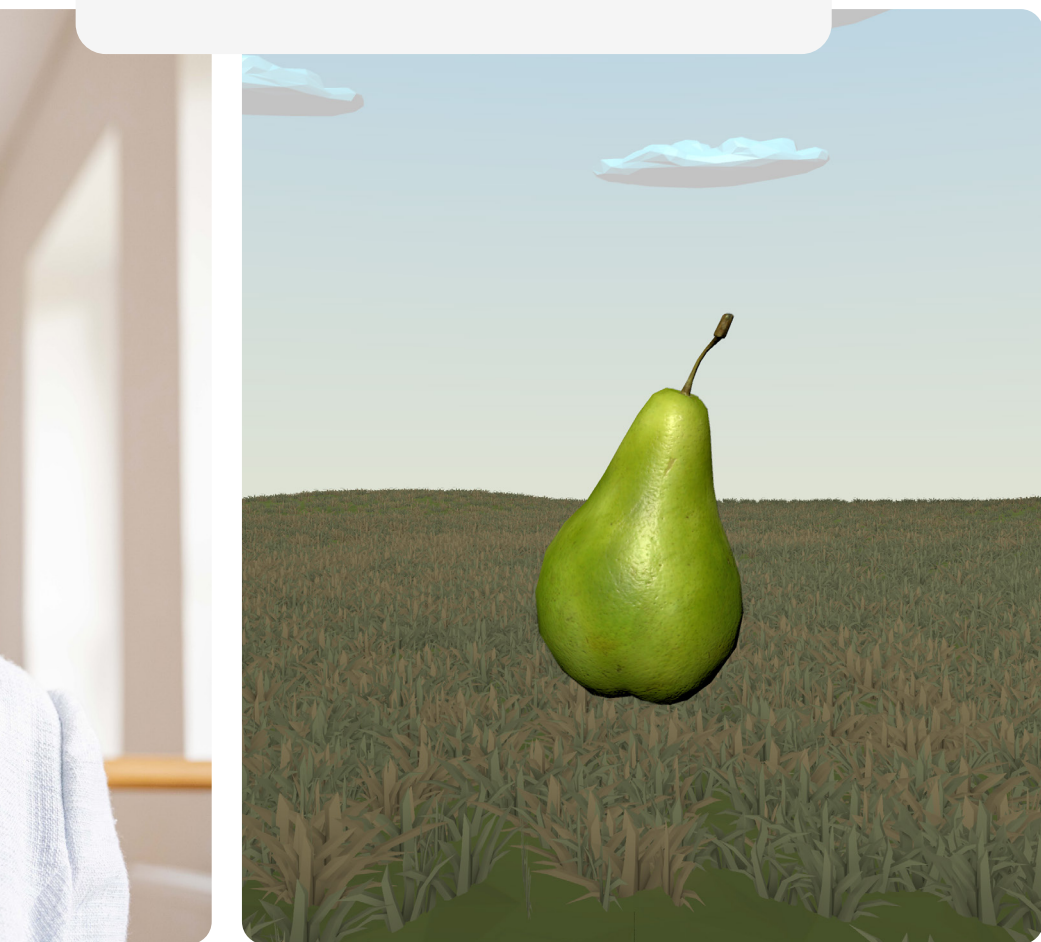
Testing

Modules focused on movement, speech or cognitive analysis of the patient and its evaluation over time.



Indications

fter CMP, patients with Parkinson's disease, after brain injuries and operations, incipient memory problems



Application is developed in close cooperation with experts – doctors from the field of rehabilitation, neurology, neurosurgery, psychiatry, with physiotherapists and ergotherapists



doc. MUDr. Michal Filip, Ph.D., MBA
neurosurgeon



Mgr. Marcela Dabrowská, Ph. D.
occupational therapist



MUDr. Šárka Baníková
rehabilitation doctor



MUDr. Štefan Reguli, Ph.D.
neurosurgeon



prof. Mgr. Roman Jašek, Ph.D., DBA
technology expert



MUDr. David Školoudík, Ph.D., FESO, FEAN
neurologist



Mgr. Marie Kaniová, Ph.D.
clinical speech therapist



Mgr. Renáta Čecháčková
physiotherapist



Bc. Irena Skřinařová
physiotherapist



Mgr. Kristýna Müllerová
physiotherapist



MUDr. Jana Štveráková
head of the rehabilitation department



Bc. Patrik Kadlčík
physiotherapist



Mgr. Michaela Plandorová
occupational therapist



Mgr. Aneta Svobodová
physiotherapist

Our clients

Examples of clients who exercise with VR Vitalis® Pro



Fyzioterapie POHODA s.r.o.





Ing. Marie Němcová
COO
+420 724 589 766
marie.nemcova@vrvitalis.com



Hana Starečková
international trade specialist
+420 601 581 677
hana.stareckova@vrvitalis.com

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Contact

vrvitalis.com ↗
info@vrvitalis.com