



15.10.2021

Press Release: CUREosity at MEDICA 2021

Experience our innovative virtual reality (VR) therapy system CUREO live at the MEDICA, November 15-18, 2021. We will be at the NRW booth in hall 3, booth number C80. We will also give presentations and talk about the advantages that come with virtual reality-based therapy. Come by and check out live demonstrations of our smart therapy system that supports cognitive and sensorimotor rehabilitation. CUREO combines technical and creative know-how of our development team with decades of therapy experience and is based on scientific findings such as neuroplasticity that integrate in our novel therapy approach. Patients are seamlessly transported into the virtual world through a biomechanical movement avatar with low-latency feedback. Motivation and engagement are also supported by gamified tasks, and patients are engaged and motivated by gamified tasks.

CUREO's hardware and pre-installed CE-certified software are set up to be used immediately. Several leading clinics already benefit from our therapy system. CUREO therapy promotes rehabilitation in patients with damages to the central nervous system (e.g. after stroke, paraplegia or neurodegenerative diseases), pain, and mobility restrictions after surgery. Modular training units in a VR environment playfully support cognitive and sensorimotor rehabilitation to promote motor skills of the upper extremities and trunk.

CUREO supports patient motivation and thereby leads to enhanced therapeutic success. In addition, therapists can tend to multiple patients in parallel making the best use of your clinic's resources and ensuring high-frequency, yet high-quality therapy for patients.

CUREO offers transsectional use - from hospital beds in clinical rehabilitation settings, to outpatient therapy, e.g. in a wheelchair, and aftercare. CUREO's mobile features offer new aftercare concepts for patients and a sustainable quality of care.

Unique therapy functions such as mirror therapy can easily be added to sessions without disruptions. CUREO also offers sonification – the translation of movements into sounds –, embodiment via an avatar, and tools for neuroregulations such as relaxation and breathing training, as well as colour therapy. Music therapy offers an additional therapy approach for motor rehabilitation. CUREO's finger tracking is done without a controller allowing patients to train fine motor skills of their hands or individual fingers and practice different grip types, for example. Lastly, pain reduction is promoted by distraction in immersive VR worlds.

About CUREosity

CUREosity is a fast-growing med-tech company based in Düsseldorf, Germany, that is revolutionizing traditional rehabilitation through the development of VR therapy applications. A combination of personal motivation, current technologies and neuroscientific research lead to the creation of our smart VR therapy software CUREO. CUREO has been on the market since early 2021 and is already in use in many clinics and therapy facilities.