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Start-Up Med

NOMINATIONS REGULATIONS

VR TierOne

The VR TierOne device uses virtual reality (VR) to help people struggling with depression and fear while fighting severe diseases. The authors of this solution indicate that it increases the effectiveness of the treatment and rehabilitation process.

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- We offer an innovative medical device supporting the process of treating depression and rehabilitation of people after stroke, oncological treatment, cardiological problems and more - provide the authors of the solution.

VR TierOne uses VR not only to activate the movement of arms and hands, but above all, it affects the psychological aspects of the patient's functioning, such as:

- Motivation for treatment and rehabilitation
- Cognitive activation
- Motivation for treatment and rehabilitation

Effects of using VR TierOne:

- Improving the mood and motivation for rehabilitation
- Psychophysical relaxation
- Increasing the patient's faith in the success of the physiotherapy process
- Improving concentration and attention
- Improving visual-spatial functions
- Reducing pain sensations
- Stimulating the mechanisms of brain plasticity
- Reducing the sense of burden among the staff rehabilitation departments

VR TierOne consists of:

- A set of medical procedures supporting the treatment and rehabilitation process
- A medical device using VR to effectively support the treatment and rehabilitation process
- A two-week therapeutic cycle in which the patient participates in a therapeutic story, nurturing the metaphorical Garden of Rebirth.

Readiness stage: verification of the operation of the small-scale solution in the Nursing Home in Świdnica.

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