

Virtual Reality (VR) Stroke Rehabilitation Market: Future Demand and Top Key Players Analysis | 2029

The Business Research Company's Virtual Reality (VR) Stroke Rehabilitation Market: Future Demand and Top Key Players Analysis | 2029

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What Is The Expected Cagr For The Virtual Reality (VR) Stroke Rehabilitation Market Through 2025?

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It will grow to \$314.89 billion in 2029 at a compound annual growth rate (CAGR) of 13.2%.”

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The market size for stroke rehabilitation using virtual reality (VR) has seen swift expansion in the past few years. The market is expected to increase from \$168.86 billion in 2024 to \$191.77 billion in 2025, boasting a compound annual growth rate (CAGR) of 13.6%. This growth in the prior period can be credited to a rise in the occurrence of stroke cases, increased consciousness regarding rehabilitation therapies, a growing interest in non-invasive treatment methods, development of healthcare facilities,

and heightening governmental support for rehabilitation initiatives.

The market scope for virtual reality (VR) in the domain of stroke rehabilitation is anticipated to experience brisk expansion in the coming years. It is predicted to increase to a value of \$314.89 billion by 2029, with a compound annual growth rate (CAGR) of 13.2%. Multiple factors such as escalated healthcare spending, burgeoning demand for in-home rehabilitation solutions, progressive integration of VR in neurological recuperation, broadening of digital therapies' insurance coverage, and a rising emphasis on patient-focused treatment are credited for this anticipated growth. Noteworthy market trends for the forecast period comprise advancements in wearable rehabilitation gadgets, breakthroughs in artificial intelligence integration, resource

allocation towards personalized therapy research and development, enhancements in gamified rehabilitation workouts, along with improvements in remote observation and tele-rehabilitation.

Download a free sample of the virtual reality (vr) stroke rehabilitation market report:

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What Are The Key Factors Driving Growth In The Virtual Reality (VR) Stroke Rehabilitation Market?

The escalating utilization of digital health solutions is forecasted to boost the virtual reality (VR) stroke rehabilitation market in the foreseeable future. Digital health solutions leverage technology to advance healthcare delivery, augment patient outcomes, and optimize health management. The inclusion of digital health solutions is on the rise, attributable to the ease of distant healthcare access and enhanced patient involvement. VR stroke rehabilitation embodies a digital health approach by offering all-encompassing, technology-opposed therapy with custom exercises and remote supervision, facilitating more efficient stroke recovery. For example, data from the American Hospital Association (AHA), a nonprofit organization based in the US, illustrates that 86.9% of US hospitals provided telehealth services in 2022, an increase from 86% in 2021, showcasing the growing incorporation of digital health. Consequently, the escalating adoption of digital health solutions is propelling the growth of the virtual reality (VR) stroke rehabilitation market.

What Are The Top Players Operating In The Virtual Reality (VR) Stroke Rehabilitation Market?

Major players in the Virtual Reality (VR) Stroke Rehabilitation Global Market Report 2025 include:

- Penumbra Inc.
- Shepherd Center Inc.
- Evolv Rehabilitation Technologies S.L.
- DIH Technology Co. Ltd.
- Tyromotion GmbH
- BTS Bioengineering S.p.A.
- Floreo Inc.
- Saebo Inc.
- Motus Nova LLC
- Immergo Labs Inc.

What Are The Prominent Trends In The Virtual Reality (VR) Stroke Rehabilitation Market?

Major firms involved in the virtual reality (VR) stroke rehabilitation market place a strong emphasis on VR technology advancements, like immersive VR rehabilitation, to amplify patient involvement, boost motor function recovery, and render unique, interactive therapy experiences. Chargeable to the state-of-the-art therapeutic method, immersive VR rehabilitation employs VR technology to produce simulated, active, and fascinating environments for patients to

accomplish physical, cognitive, or psychological therapeutic exercises. For example, Penumbra Inc., a medical technology organization based in the US, launched its REAL System - a fully hands-free VR platform, in November 2022. This platform offers functions such as tracking exercise based on motion capture, adaptable therapeutic programs and live performance feedback, presenting a comprehensive rehabilitation solution for stroke patients. Such innovation showcases the potential of VR technology, as companies leverage it for enhancing patient recovery and improving operational efficiency in the sphere of stroke rehabilitation.

Comprehensive Segment-Wise Insights Into The Virtual Reality (VR) Stroke Rehabilitation Market
The virtual reality (VR) stroke rehabilitation market covered in this report is segmented as

- 1) By Rehabilitation Type: Physical Rehabilitation, Cognitive Rehabilitation
- 2) By Technology Type: Hardware, Software Platforms, Therapeutic Content
- 3) By Patient Type: Short Term Patients, Long Term Patients
- 4) By Virtual Reality (VR) Application: Motor Skills Training, Cognitive Skills Training, Sensory Training, Pain Management
- 5) By End-Users: Hospitals, Rehabilitation Centers, Clinics, Home-Based Rehabilitation

Subsegment:

- 1) By Physical Rehabilitation: Upper Limb Rehabilitation, Lower Limb Rehabilitation, Balance And Gait Training, Motor Function Recovery
- 2) By Cognitive Rehabilitation: Memory Training, Attention And Concentration Training, Problem-Solving And Executive Function Training, Visual And Spatial Perception Training

View the full virtual reality (vr) stroke rehabilitation market report:

<https://www.thebusinessresearchcompany.com/report/virtual-reality-vr-stroke-rehabilitation-global-market-report>

Global Virtual Reality (VR) Stroke Rehabilitation Market - Regional Insights

The largest region in the Virtual Reality (VR) Stroke Rehabilitation Global Market Report 2025 in the selected year was North America. The region predicted to have the most rapid growth is Asia Pacific. Other regions that the report provides information on include Western Europe, Eastern Europe, South America, Middle East, and Africa in addition to Asia-Pacific and North America.

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Speak With Our Expert:

Saumya Sahay

Americas +1 310-496-7795

Asia +44 7882 955267 & +91 8897263534

Europe +44 7882 955267

Email: saumyas@tbrc.info

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Oliver Guirdham

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