

## Revolution in Digital Therapy: Telerehabilitation Market Worth \$5,400 million in 2024, Poised for 9.2% CAGR Growth

Digital healthcare, personalized remote therapy, and increasing demand for accessible rehabilitation services are fueling the telerehabilitation market.

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/EINPresswire.com/ -- <u>Telerehabilitation</u> <u>market</u> was valued at \$5,400 million in 2024 and is expected to reach \$14,147 million in 2035, increasing at a CAGR of 9.2% during the forecast period (2025-2035). The market is mainly driven by the growing prevalence of chronic



diseases and physical disabilities, especially among the aging population, which drives up the demand for efficient and accessible rehabilitation services. Further, the extensive utilization of telehealth solutions is assisting healthcare providers in extending their reach, which is mainly contributing to market growth. Apart from this, supportive government policies, such as reimbursement policies for telehealth services, are encouraging providers and patients to adopt telerehabilitation platform based on artificial intelligence (AI) and computer vision for improving physical rehabilitation. This new solution allows patients to do therapeutic exercises at home while maintaining real-time feedback and customized care. Supported by the COMPETE 2030 program, it will improve efficiency, accessibility, and sustainability in healthcare with international digital health strategies.

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**Regional Outlook** 

North America Driving Global Telerehabilitation Adoption

North America holds a significant market share, driven by high healthcare expenditure, strong

telehealth infrastructure, and insurance support for virtual rehabilitation. The United States market is going through tremendous growth, driven by a combination of demographic trends and technological developments. Moreover, the growing penetration of high-speed internet and extensive use of smartphones and connected devices are making virtual rehabilitation services seamless, thus giving the market growth a push. Additionally, regulatory support and policies by the government are facilitating the overall growth of the market. For instance, in March 2024, the American Physical Therapy Association (APTA) issued its first Clinical Practice Guideline (CPG) on telerehabilitation. The guideline offers evidence-based recommendations for physical therapists and assistants to optimize the efficacy of telehealth services while meeting policymakers and payer needs. The recommendations are based on a review of 487 telerehabilitation studies (2010–2022), constricted to 45 randomized controlled trials, comparative, systematic reviews, and qualitative inclusion criteria meeting studies. It highlights the increasing importance in providing effective, accessible patient care.

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### Market Limitations and Challenges

• Limited Internet Access in Rural Areas: The most immediate challenge confronting the telerehabilitation market is insufficient internet infrastructure in rural and remote areas. In low-and middle-income countries (LMICs), access to high-speed broadband is still rare, which limits effective delivery of video-based rehabilitation services that need stable connectivity. Even in developed countries, rural communities tend to have slower internet connections or unreliable networks that hinder real-time communication among therapists and patients. This digital divide not only limits fair access to care but also hinders the upscaling of telerehabilitation solutions in underserved populations.

• Technology Literacy Gap: The effectiveness of telerehabilitation tools severely depends on the user's ability to navigate digital platforms, a skill that is not universally available, particularly by older patients, individuals with disabilities, or those with minimal access to advanced technology. Such a literacy gap can result in low usage, reduced compliance with therapy protocols, and eventually, poor health outcomes. While there are some providers that provide onboarding assistance and streamlined user experiences, these efforts tend to fall short without sustained digital training or caregiver support, indicating the necessity for more accessible and user-friendly solutions.

• Data Privacy Issues: Since telerehabilitation platforms entail the storage, collection, and transmission of sensitive personal health data, safeguarding compliance with data protection laws is of utmost importance. Regulatory protocols such as the Health Insurance Portability and Accountability Act (HIPAA) in the United States and the General Data Protection Regulation (GDPR) in the European Union necessitate rigorous protections of electronic health records, video communications, and integrations with wearable devices. Violation or misuse of patient information not only risks legal penalties and reputational damage but also undermines patient trust in digital healthcare systems.

#### Market Players Outlook

Key companies operating in the global telerehabilitation market include American Well Corp., Hinge Health, Inc., Koninklijke Philips N.V., Teladoc Health, Inc., and Tunstall Group, among others. Market players are leveraging collaborations, partnerships, mergers, and acquisition strategies for business growth and innovative product improvement to maintain their market positioning.

### **Recent Developments**

• In March 2025, Nvidia launched its new AI chips, Rubin and Rubin Ultra, designed for physical AI use. The company drives systems and capable of understanding real physics, such as drones that can learn and adjust to changing environments. Nvidia also introduced the Isaac GR00T N1 model for human-like robots and the Newton physics engine for robotics simulation that can be used to improve robotic-assisted telerehabilitation.

• In December 2024, Google announced the Willow quantum processor, a 105-qubit superconducting quantum processor chip capable of performing a Random Circuit Sampling task within 5 minutes, something that today's supercomputers would require 10^25 years to accomplish. This development in quantum computing potentially could transform AI model training and simulation with unparalleled processing capacity for tasks such as robotic rehabilitation and real-time diagnostics.

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Some of the Key Companies in the Telerehabilitation Market Include-

- American Well Corp.
- BIO-SENSING SOLUTIONS, S.L.
- Doctor On Demand, Inc.
- GlobalMed Holdings, LLC
- HappyNeuron Inc.
- Hinge Health, Inc.
- Koninklijke Philips N.V
- Marmon Holdings, Inc. (ScottCare Corp.)
- Medtronic Inc.
- Neo-Rehab Pty Ltd
- Neuro Rehab VR
- NORAV Medical GmbH
- OSP Labs
- Rehametrics
- Success Rehabilitation
- Sword Health, Inc.
- Teladoc Health, Inc.

- TELEREHAB, INC.
- TheraPlatform
- TRAK HEALTH SOLUTIONS, S.L.
- Tunstall Group
- VeeOne Health
- VSee Lab, Inc.
- Zanda Health Pty Ltd.

Telerehabilitation Market Segmentation Analysis

Global Telerehabilitation Market Analysis by Component

- Hardware
- Software

Global Telerehabilitation Market Analysis by Therapy Type

- Physical Therapy
- Occupational Therapy
- Speech Therapy
- Cognitive Behavioral Therapy

Global Telerehabilitation Market Analysis by Application

- Orthopedic
- Cardiovascular
- Neurological
- Cognitive
- Others (Pulmonary)

Global Telerehabilitation Market Analysis by End-User

- Hospitals & Clinics
- Rehabilitation Centers
- Homecare Settings

**Regional Analysis** 

- North America
- o United States
- o Canada
- Europe
- o UK
- o Germany
- o Italy
- o Spain
- o France
- o Rest of Europe

- Asia-Pacific
- o China
- o India
- o Japan
- o South Korea
- o ASEAN Economies (Singapore, Thailand, Vietnam, Indonesia, and Other)
- o Australia and New Zealand
- o Rest of Asia-Pacific
- Rest of the World
- o Latin America
- o Middle East and Africa

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