

# U.S Stroke Rehabilitation Market - 2025 -2033

<https://marketpublishers.com/r/U58A68C828DFEN.html>

Date: October 2025

Pages: 180

Price: US\$ 3,175.00 (Single User License)

ID: U58A68C828DFEN

## Abstracts

### Stroke Rehabilitation Market Size and Trends

The U.S. stroke Rehabilitation Market reached US\$ 96.86 million in 2023, with a rise to US\$ 106.67 million in 2024, and is expected to reach US\$ 252.93 billion by 2033, growing at a CAGR of 11.4% during the forecast period 2025–2033.

The growing incidence of stroke and the rising emphasis on early recovery are driving the rapid adoption of stroke rehabilitation solutions in the U.S., enabling more effective, patient-centric care and reducing the risk of long-term disability. By enhancing motor function, improving cognitive recovery, and supporting continuous monitoring, these rehabilitation devices and therapies are streamlining clinical workflows and easing the burden on healthcare facilities. With advancements in robotics, electrical stimulation, and tele-rehabilitation, stroke rehabilitation is becoming an essential component of modern neurological care, aligning with broader healthcare initiatives focused on improving outcomes and quality of life for stroke survivors.

### Key Market highlights

Rising prevalence of stroke cases in the U.S. combined with an aging population is driving consistent demand for advanced rehabilitation solutions.

Rapid adoption of robotic systems, wearable exoskeletons, and brain-computer interface technologies is improving patient recovery outcomes.

Strong pipeline of FDA approvals, research funding, and domestic innovation continues to position the U.S. as a leader in stroke rehabilitation advancements.

## Market Size & Forecast

2024 Market Size: US\$106.67Million

2033 Projected Market Size: US\$252.93Million

CAGR (2025–2033): 11.4%

North America: Largest market in 2024

Asia Pacific: Fastest-growing market

## Drivers & Restraints

Driver :Increasing demand for injectable drugs

The high prevalence of stroke is one of the strongest drivers of the U.S. stroke rehabilitation market, as stroke remains a leading cause of long-term disability and functional impairment across the country. According to the CDC, nearly 800,000 people in the U.S. experience a stroke each year, with a significant proportion requiring ongoing rehabilitation to regain mobility, speech, and cognitive abilities. With the aging population further increasing the at-risk group, the demand for specialized rehabilitation services and technologies is steadily rising. This surge in stroke incidence fuels the adoption of advanced rehabilitation devices such as robotics, exoskeletons, and virtual reality-based therapies, as well as tele-rehabilitation platforms that expand access to care. As more patients survive strokes due to improved acute care, the need for effective post-stroke rehabilitation continues to grow, directly driving market expansion.

Restraint: High manufacturing cost

The high cost of advanced rehabilitation devices poses a significant barrier to the growth of the U.S. Stroke Rehabilitation Market. Technologies such as robotic-assisted therapy systems, exoskeletons, and virtual reality platforms offer enhanced recovery outcomes but come with substantial upfront and maintenance expenses, often ranging from tens to hundreds of thousands of dollars. Smaller hospitals, rehabilitation centers, and patients without comprehensive insurance coverage may find these solutions financially inaccessible, limiting widespread adoption.

## Segmentation Analysis

The U.S. stroke rehabilitation market is segmented by product type, application, end-user, and region.

### Device Type:

The electrical stimulators segment is estimated to have 31.14% of the stroke rehabilitation market share.

Electrical stimulators are expected to dominate the U.S. stroke rehabilitation market, holding the largest share due to their widespread clinical adoption, affordability, and proven therapeutic benefits in restoring motor function and reducing muscle atrophy. These devices are extensively used in hospitals, rehabilitation centers, and even home-care settings, making them more accessible compared to high-cost robotic systems. Their non-invasive nature, ability to improve mobility in both upper and lower limbs, and supportive reimbursement coverage contribute to their strong market position. Furthermore, continuous innovation in functional electrical stimulation (FES) technologies is enhancing their therapeutic effectiveness, solidifying their dominance in stroke rehabilitation care.

The robotic stimulators segment is estimated to have 18.01% of the stroke rehabilitation market share.

Robotic stimulators are anticipated to be the fastest-growing segment in the U.S. stroke rehabilitation market, driven by the rising demand for precision, intensive training, and AI-enabled rehabilitation solutions. These devices provide repetitive, task-specific therapy that accelerates recovery, enhances motor learning, and improves patient engagement. The integration of robotics with virtual reality, data analytics, and remote monitoring makes them particularly attractive for advanced rehabilitation programs. Although high upfront costs remain a challenge, increasing investments, expanding clinical validation, and growing adoption in specialized stroke rehabilitation centers are fueling their rapid growth. As technology becomes more affordable and reimbursement frameworks evolve, robotic stimulators are expected to see exponential adoption in the coming years.

## Competitive Landscape

The major players in the stroke rehabilitation market include Ekso Bionics, Myomo Inc.,

Neurulations, Inc., AlterG, Inc., among others.

The U.S. stroke rehabilitation market report delivers a detailed analysis with 73 key tables, more than 76 visually impactful figures, and 195 pages of expert insights, providing a complete view of the market landscape.

## Contents

### **1. MARKET INTRODUCTION AND SCOPE**

- 1.1. Objectives of the Report
- 1.2. Report Coverage & Definitions
- 1.3. Report Scope

### **2. EXECUTIVE INSIGHTS AND KEY TAKEAWAYS**

- 2.1. Market Highlights and Strategic Takeaways
- 2.2. Key Trends and Future Projections
- 2.3. Snippet by Device Type
- 2.4. Snippet by Stroke Type
- 2.5. Snippet by End-User

### **3. DYNAMICS**

- 3.1. Impacting Factors
  - 3.1.1. Drivers
    - 3.1.1.1. High Prevalence of Stroke
    - 3.1.1.2. Advancements in Technology
  - 3.1.2. Restraints
    - 3.1.2.1. High Cost of Advanced Rehabilitation Devices
    - 3.1.2.2. Patient Compliance Challenges
  - 3.1.3. Opportunity
    - 3.1.3.1. Home-based Rehabilitation Solutions
    - 3.1.3.2. Rising Investments and Partnerships
  - 3.1.4. Impact Analysis

### **4. U.S. STROKE REHABILITATION MARKET: STRATEGIC INSIGHTS AND INDUSTRY OUTLOOK**

- 4.1. Market Leaders and Pioneers
  - 4.1.1. Emerging Pioneers and Prominent Players
  - 4.1.2. Established leaders with the largest-selling Brand
  - 4.1.3. Market leaders with established products & Services
- 4.2. Latest Developments and Breakthroughs
- 4.3. Regulatory and Reimbursement Landscape

- 4.3.1. North America
- 4.3.2. Europe
- 4.3.3. Asia Pacific
- 4.3.4. South America
- 4.3.5. Middle East & Africa
- 4.4. Porter's Five Forces Analysis
- 4.5. Supply Chain Analysis
- 4.6. Patent Analysis
- 4.7. SWOT Analysis
- 4.8. Unmet Needs and Gaps
- 4.9. Recommended Strategies for Market Entry and Expansion
- 4.10. Pricing Analysis and Price Dynamics

## **5. U.S. STROKE REHABILITATION MARKET: BY DEVICE TYPE**

- 5.1. Introduction
  - 5.1.1. Market Size Analysis and Y-o-Y Growth Analysis (%), By Device Type
  - 5.1.2. Market Attractiveness Index, By Device Type
- 5.2. Electrical Stimulators\*
  - 5.2.1. Introduction
  - 5.2.2. Market Size Analysis and Y-o-Y Growth Analysis (%)
- 5.3. Robotic Stimulators
- 5.4. Non-Invasive Stimulators
- 5.5. Cognitive Stimulators
- 5.6. Others

## **6. U.S. STROKE REHABILITATION MARKET: BY STROKE TYPE**

- 6.1. Introduction
  - 6.1.1. Market Size Analysis and Y-o-Y Growth Analysis (%), By Stroke Type
  - 6.1.2. Market Attractiveness Index, ByStroke Type
- 6.2. Ischemic\*
  - 6.2.1. Introduction
  - 6.2.2. Market Size Analysis and Y-o-Y Growth Analysis (%)
- 6.3. Hemorrhagic
- 6.4. Transient Ischemic Attack
- 6.5. Others

## **7. U.S. STROKE REHABILITATION MARKET: BY END-USER**

## 7.1. Introduction

7.1.1. Market Size Analysis and Y-o-Y Growth Analysis (%), By End-User

7.1.2. Market Attractiveness Index, ByEnd-User

## 7.2. Hospitals\*

7.2.1. Introduction

7.2.2. Market Size Analysis and Y-o-Y Growth Analysis (%)

## 7.3. Specialty Clinics

## 7.4. Ambulatory Surgical Centers

## 7.5. Long-Term Treatment Centers

## 7.6. Homecare Settings

## 7.7. Rehabilitation Centers

# 8. COMPETITIVE LANDSCAPE AND MARKET POSITIONING

## 8.1. Competitive Overview and Key Market Players

## 8.2. Market Share Analysis and Positioning Matrix

## 8.3. Strategic Partnerships, Mergers & Acquisitions

## 8.4. Key Developments in Product Portfolios and Innovations

## 8.5. Company Benchmarking

# 9. COMPANY PROFILES

## 9.1. West Pharmaceutical Services, Inc.\*

9.1.1. Company Overview

9.1.2. Product Portfolio

9.1.2.1. Product Description

9.1.2.2. Product Key Performance Indicators (KPIs)

9.1.2.3. Historic and Forecasted Product Sales

9.1.2.4. Product Sales Volume

9.1.3. Financial Overview

9.1.3.1. Company Revenue

9.1.3.2. Geographical Revenue Shares

9.1.3.3. Revenue Forecasts

9.1.4. Key Developments

9.1.4.1. Mergers & Acquisitions

9.1.4.2. Key Product Development Activities

9.1.4.3. Regulatory Approvals, etc.

9.1.5. SWOT Analysis

- 9.2. Miltenyi Biotec
- 9.3. BD
- 9.4. Baxter
- 9.5. B. Braun Medical Inc.
- 9.6. APG Pharma
- 9.7. Chi Feng Co., Ltd.(LIST NOT EXHAUSTIVE )

## **10. ASSUMPTIONS AND RESEARCH METHODOLOGY**

- 10.1. Data Collection Methods
- 10.2. Data Triangulation
- 10.3. Forecasting Techniques
- 10.4. Data Verification and Validation

## **11. APPENDIX**

- 11.1. About Us and Services
- 11.2. Contact Us

**1.**

## List Of Tables

### LIST OF TABLES

- Table 1 U.S. Stroke Rehabilitation Market Value, By Product Type, 2025, 2029 & 2033 (US\$ Million)
- Table 2 U.S. Stroke Rehabilitation Market Value, By Material, 2025, 2029 & 2033 (US\$ Million)
- Table 3 U.S. Stroke Rehabilitation Market Value, By End User, 2025, 2029 & 2033 (US\$ Million)
- Table 4 U.S. Stroke Rehabilitation Market Value, By Region, 2025, 2029 & 2033 (US\$ Million)
- Table 5 U.S. Stroke Rehabilitation Market Value, By Product Type, 2025, 2029 & 2033 (US\$ Million)
- Table 6 U.S. Stroke Rehabilitation Market Value, By Product Type, 2022-2033 (US\$ Million)
- Table 7 U.S. Stroke Rehabilitation Market Value, By Material, 2025, 2029 & 2033 (US\$ Million)
- Table 8 U.S. Stroke Rehabilitation Market Value, By Material, 2022-2033 (US\$ Million)
- Table 9 U.S. Stroke Rehabilitation Market Value, By End User, 2025, 2029 & 2033 (US\$ Million)
- Table 10 U.S. Stroke Rehabilitation Market Value, By End User, 2022-2033 (US\$ Million)
- Table 11 U.S. Stroke Rehabilitation Market Value, By Region, 2025, 2029 & 2033 (US\$ Million)
- Table 12 U.S. Stroke Rehabilitation Market Value, By Region, 2022-2033 (US\$ Million)
- Table 13 North America Stroke Rehabilitation Market Value, By Product Type, 2022-2033 (US\$ Million)
- Table 14 North America Stroke Rehabilitation Market Value, By Material, 2022-2033 (US\$ Million)
- Table 15 North America Stroke Rehabilitation Market Value, By End User, 2022-2033 (US\$ Million)
- Table 16 North America Stroke Rehabilitation Market Value, By Country, 2022-2033 (US\$ Million)
- Table 17 Asia-Pacific Stroke Rehabilitation Market Value, By Product Type, 2022-2033 (US\$ Million)
- Table 18 Asia-Pacific Stroke Rehabilitation Market Value, By Material, 2022-2033 (US\$ Million)
- Table 19 Asia-Pacific Stroke Rehabilitation Market Value, By End User, 2022-2033

(US\$ Million)

Table 20 Asia-Pacific Stroke Rehabilitation Market Value, By Country, 2022-2033 (US\$ Million)

Table 21 Europe Stroke Rehabilitation Market Value, By Product Type, 2022-2033 (US\$ Million)

Table 22 Europe Stroke Rehabilitation Market Value, By Material, 2022-2033 (US\$ Million)

Table 23 Europe Stroke Rehabilitation Market Value, By End User, 2022-2033 (US\$ Million)

Table 24 Europe Stroke Rehabilitation Market Value, By Country, 2022-2033 (US\$ Million)

Table 25 South America Stroke Rehabilitation Market Value, By Product Type, 2022-2033 (US\$ Million)

Table 26 South America Stroke Rehabilitation Market Value, By Material, 2022-2033 (US\$ Million)

Table 27 South America Stroke Rehabilitation Market Value, By End User, 2022-2033 (US\$ Million)

Table 28 South America Stroke Rehabilitation Market Value, By Country, 2022-2033 (US\$ Million)

Table 29 Middle East and Africa Stroke Rehabilitation Market Value, By Product Type, 2022-2033 (US\$ Million)

Table 30 Middle East and Africa Stroke Rehabilitation Market Value, By Material, 2022-2033 (US\$ Million)

Table 31 Middle East and Africa Stroke Rehabilitation Market Value, By End User, 2022-2033 (US\$ Million)

Table 32 Middle East and Africa Stroke Rehabilitation Market Value, By Country, 2022-2033 (US\$ Million)

Table 33 West Pharmaceutical Services, Inc.: Overview

Table 34 West Pharmaceutical Services, Inc.: Product Portfolio

Table 35 West Pharmaceutical Services, Inc.: Key Developments

Table 36 Miltenyi Biotec: Overview

Table 37 Miltenyi Biotec: Product Portfolio

Table 38 Miltenyi Biotec: Key Developments

Table 39 BD: Overview

Table 40 BD: Product Portfolio

Table 41 BD: Key Developments

Table 42 Baxter: Overview

Table 43 Baxter: Product Portfolio

Table 44 Baxter: Key Developments

Table 45 B. Braun Medical Inc.: Overview  
Table 46 B. Braun Medical Inc.: Product Portfolio  
Table 47 B. Braun Medical Inc.: Key Developments  
Table 48 APG Pharma: Overview  
Table 49 APG Pharma: Product Portfolio  
Table 50 APG Pharma: Key Developments  
Table 51 Chi Feng Co., Ltd.: Overview  
Table 52 Chi Feng Co., Ltd.: Product Portfolio  
Table 53 Chi Feng Co., Ltd.: Key Developments

## List Of Figures

### LIST OF FIGURES

- Figure 1 U.S. Stroke Rehabilitation Market Value, 2022-2033 (US\$ Million)
- Figure 2 U.S. Stroke Rehabilitation Market Share, By Product Type, 2024 & 2033 (%)
- Figure 3 U.S. Stroke Rehabilitation Market Share, By Material, 2024 & 2033 (%)
- Figure 4 U.S. Stroke Rehabilitation Market Share, By End User, 2024 & 2033 (%)
- Figure 5 U.S. Stroke Rehabilitation Market Share, By Region, 2024 & 2033 (%)
- Figure 6 U.S. Stroke Rehabilitation Market Y-o-Y Growth, By Product Type, 2023-2033 (%)
- Figure 7 Single-use Vial Adaptors Stroke Rehabilitation Market Value, 2022-2033 (US\$ Million)
- Figure 8 Multi-use Vial Adaptors Stroke Rehabilitation Market Value, 2022-2033 (US\$ Million)
- Figure 9 U.S. Stroke Rehabilitation Market Y-o-Y Growth, By Material, 2023-2033 (%)
- Figure 10 Polycarbonate Material in U.S. Stroke Rehabilitation Market Value, 2022-2033 (US\$ Million)
- Figure 11 Silicone Material in U.S. Stroke Rehabilitation Market Value, 2022-2033 (US\$ Million)
- Figure 12 Polyethylene Material in U.S. Stroke Rehabilitation Market Value, 2022-2033 (US\$ Million)
- Figure 13 Other Materials Material in U.S. Stroke Rehabilitation Market Value, 2022-2033 (US\$ Million)
- Figure 14 U.S. Stroke Rehabilitation Market Y-o-Y Growth, By End User, 2023-2033 (%)
- Figure 15 Hospitals End User in U.S. Stroke Rehabilitation Market Value, 2022-2033 (US\$ Million)
- Figure 16 Clinics End User in U.S. Stroke Rehabilitation Market Value, 2022-2033 (US\$ Million)
- Figure 17 Research Laboratories End User in U.S. Stroke Rehabilitation Market Value, 2022-2033 (US\$ Million)
- Figure 18 Others End User in U.S. Stroke Rehabilitation Market Value, 2022-2033 (US\$ Million)
- Figure 19 U.S. Stroke Rehabilitation Market Y-o-Y Growth, By Region, 2023-2033 (%)
- Figure 20 North America Stroke Rehabilitation Market Value, 2022-2033 (US\$ Million)
- Figure 21 North America Stroke Rehabilitation Market Share, By Product Type, 2024 & 2033 (%)
- Figure 22 North America Stroke Rehabilitation Market Share, By Material, 2024 & 2033 (%)

Figure 23 North America Stroke Rehabilitation Market Share, By End User, 2024 & 2033 (%)

Figure 24 North America Stroke Rehabilitation Market Share, By Country, 2024 & 2033 (%)

Figure 25 Asia-Pacific Stroke Rehabilitation Market Value, 2022-2033 (US\$ Million)

Figure 26 Asia-Pacific Stroke Rehabilitation Market Share, By Product Type, 2024 & 2033 (%)

Figure 27 Asia-Pacific Stroke Rehabilitation Market Share, By Material, 2024 & 2033 (%)

Figure 28 Asia-Pacific Stroke Rehabilitation Market Share, By End User, 2024 & 2033 (%)

Figure 29 Asia-Pacific Stroke Rehabilitation Market Share, By Country, 2024 & 2033 (%)

Figure 30 Europe Stroke Rehabilitation Market Value, 2022-2033 (US\$ Million)

Figure 31 Europe Stroke Rehabilitation Market Share, By Product Type, 2024 & 2033 (%)

Figure 32 Europe Stroke Rehabilitation Market Share, By Material, 2024 & 2033 (%)

Figure 33 Europe Stroke Rehabilitation Market Share, By End User, 2024 & 2033 (%)

Figure 34 Europe Stroke Rehabilitation Market Share, By Country, 2024 & 2033 (%)

Figure 35 South America Stroke Rehabilitation Market Value, 2022-2033 (US\$ Million)

Figure 36 South America Stroke Rehabilitation Market Share, By Product Type, 2024 & 2033 (%)

Figure 37 South America Stroke Rehabilitation Market Share, By Material, 2024 & 2033 (%)

Figure 38 South America Stroke Rehabilitation Market Share, By End User, 2024 & 2033 (%)

Figure 39 South America Stroke Rehabilitation Market Share, By Country, 2024 & 2033 (%)

Figure 40 Middle East and Africa Stroke Rehabilitation Market Value, 2022-2033 (US\$ Million)

Figure 41 Middle East and Africa Stroke Rehabilitation Market Share, By Product Type, 2024 & 2033 (%)

Figure 42 Middle East and Africa Stroke Rehabilitation Market Share, By Material, 2024 & 2033 (%)

Figure 43 Middle East and Africa Stroke Rehabilitation Market Share, By End User, 2024 & 2033 (%)

Figure 44 West Pharmaceutical Services, Inc.: Financials

Figure 45 Miltenyi Biotec: Financials

Figure 46 BD: Financials

Figure 47 Baxter: Financials

Figure 48 B. Braun Medical Inc.: Financials

Figure 49 APG Pharma: Financials

Figure 50 Chi Feng Co., Ltd.: Financials

## I would like to order

Product name: U.S Stroke Rehabilitation Market - 2025 -2033

Product link: <https://marketpublishers.com/r/U58A68C828DFEN.html>

Price: US\$ 3,175.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/U58A68C828DFEN.html>