

Global Healthcare Assistive Robot Market Size study & Forecast, by Type (Care Robot, Surgical Assistive Robot), by Portability (Fixed Base, Mobile), by End-User (Hospitals and Clinics, Rehabilitation Centers, Others) and Regional Analysis, 2022-2029

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Abstracts

Global Healthcare Assistive Robot Market is valued at approximately USD 8.3 billion in 2021 and is anticipated to grow with a healthy growth rate of more than 16.6 % over the forecast period 2022-2029. Healthcare assistive robots are deployed in operating rooms and other clinical settings to aid medical practitioners and enhance patient care. Also, these robots are gaining high traction in a wide range of applications because of their quicker processes and lower risk. These robots autonomously clean and prepare patient rooms, along with reducing face-to-face interaction in infectious illness wards. The thriving growth in medical tourism in developing economies, the rising prevalence of strokes and spinal cord injuries, coupled with the increase in the adoption of assistive robots in rehabilitation therapies are the key factors that are contributing to market growth across the globe.

In addition, the escalating geriatric population is further exhibiting a positive influence on the market growth as these robots help in faster processes, risk reduction, and improved patient care. For instance, the World Health Organization (WHO) reported that the number of aging people is increasing from 1 billion in 2020 to 1.5 billion in 2030 around the world. Thus, these aforementioned factors are burgeoning the market demand during the estimated years. Moreover, the rising emphasis on introducing innovative products, as well as the growing investment in R&D activities are presenting various lucrative opportunities over the forecasting years. However, the lack of social awareness regarding the benefits of adopting assistive robotic systems and some risks of injuries and accidents associated are hampering the market growth throughout the

forecast period of 2022-2029.

The key regions considered for the Global Healthcare Assistive Robot Market study include Asia Pacific, North America, Europe, Latin America, and the Rest of the World. North America dominated the market in terms of revenue, owing to the growing awareness regarding innovative and advanced use of robotics, along with the increase in investment in healthcare. Whereas, the Asia Pacific is also expected to grow with the highest CAGR during the forecast period, owing to factors such as increasing incidence of bone injuries, growth in the purchasing power of populated countries, and the presence of the medical devices industry in the market space.

Major market players included in this report are:

Cyberdyne, Inc.

Hocomo AG

HONDA Motor Co. Ltd.

ReWalk Robotics Ltd.

KUKA AG Medtronic plc

Intuitive Surgical, Inc.

GaitTronics Inc.

Bionik Laboratories

Focal Meditech Barrett Technology, LLC

Ekso Bionics Holdings, Inc.

Recent Developments in the Market:

In December 2022, Ekso Bionics announced acquisition of the Human Motion and Control Business unit that comprises Indego product line from Parker Hannifin Corporation.

Global Healthcare Assistive Robot Market Report Scope:

Historical Data 2019-2020-2021

Base Year for Estimation 2021

Forecast period 2022-2029

Report Coverage Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered Type, Portability, End-User, Region

Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World

Customization Scope Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Type:

Care Robot

Surgical Assistive Robot

By Portability:

Fixed Base

Mobile

By End-User:

Hospitals and Clinics

Rehabilitation Centers

Others

By Region:

North America

U.S.

Canada

Europe

UK

Contents

CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2019-2029 (USD Billion)
 - 1.2.1. Healthcare Assistive Robot Market, by Region, 2019-2029 (USD Billion)
 - 1.2.2. Healthcare Assistive Robot Market, by Type, 2019-2029 (USD Billion)
 - 1.2.3. Healthcare Assistive Robot Market, by Portability, 2019-2029 (USD Billion)
 - 1.2.4. Healthcare Assistive Robot Market, by End-User, 2019-2029 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL HEALTHCARE ASSISTIVE ROBOT MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
 - 2.2.1. Scope of the Study
 - 2.2.2. Industry Evolution
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

CHAPTER 3. GLOBAL HEALTHCARE ASSISTIVE ROBOT MARKET DYNAMICS

- 3.1. Healthcare Assistive Robot Market Impact Analysis (2019-2029)
 - 3.1.1. Market Drivers
 - 3.1.1.1. Escalating geriatric population
 - 3.1.1.2. Increase in adoption of assistive robots in rehabilitation therapies
 - 3.1.2. Market Challenges
 - 3.1.2.1. Lack of social awareness regarding the benefits of adopting assistive robotic systems
 - 3.1.2.2. Risks of injuries and accidents are associated
 - 3.1.3. Market Opportunities
 - 3.1.3.1. Rising emphasis on introducing innovative products
 - 3.1.3.2. Growing investment in the R&D activities

CHAPTER 4. GLOBAL HEALTHCARE ASSISTIVE ROBOT MARKET INDUSTRY

ANALYSIS

- 4.1. Porter's 5 Force Model
 - 4.1.1. Bargaining Power of Suppliers
 - 4.1.2. Bargaining Power of Buyers
 - 4.1.3. Threat of New Entrants
 - 4.1.4. Threat of Substitutes
 - 4.1.5. Competitive Rivalry
- 4.2. Futuristic Approach to Porter's 5 Force Model (2019-2029)
- 4.3. PEST Analysis
 - 4.3.1. Political
 - 4.3.2. Economical
 - 4.3.3. Social
 - 4.3.4. Technological
- 4.4. Top investment opportunity
- 4.5. Top winning strategies
- 4.6. Industry Experts Prospective
- 4.7. Analyst Recommendation & Conclusion

CHAPTER 5. RISK ASSESSMENT: COVID-19 IMPACT

- 5.1. Assessment of the overall impact of COVID-19 on the industry
- 5.2. Pre COVID-19 and post COVID-19 Market scenario

CHAPTER 6. GLOBAL HEALTHCARE ASSISTIVE ROBOT MARKET, BY TYPE

- 6.1. Market Snapshot
- 6.2. Global Healthcare Assistive Robot Market by Type, Performance - Potential Analysis
- 6.3. Global Healthcare Assistive Robot Market Estimates & Forecasts by Type 2019-2029 (USD Billion)
- 6.4. Healthcare Assistive Robot Market, Sub Segment Analysis
 - 6.4.1. Care Robot
 - 6.4.2. Surgical Assistive Robot

CHAPTER 7. GLOBAL HEALTHCARE ASSISTIVE ROBOT MARKET, BY PORTABILITY

- 7.1. Market Snapshot

7.2. Global Healthcare Assistive Robot Market by Portability, Performance - Potential Analysis

7.3. Global Healthcare Assistive Robot Market Estimates & Forecasts by Portability 2019-2029 (USD Billion)

7.4. Healthcare Assistive Robot Market, Sub Segment Analysis

7.4.1. Fixed Base

7.4.2. Mobile

CHAPTER 8. GLOBAL HEALTHCARE ASSISTIVE ROBOT MARKET, BY END-USER

8.1. Market Snapshot

8.2. Global Healthcare Assistive Robot Market by End-User, Performance - Potential Analysis

8.3. Global Healthcare Assistive Robot Market Estimates & Forecasts by End-User 2019-2029 (USD Billion)

8.4. Healthcare Assistive Robot Market, Sub Segment Analysis

8.4.1. Hospitals and Clinics

8.4.2. Rehabilitation Centers

8.4.3. Others

CHAPTER 9. GLOBAL HEALTHCARE ASSISTIVE ROBOT MARKET, REGIONAL ANALYSIS

9.1. Healthcare Assistive Robot Market, Regional Market Snapshot

9.2. North America Healthcare Assistive Robot Market

9.2.1. U.S. Healthcare Assistive Robot Market

9.2.1.1. Type breakdown estimates & forecasts, 2019-2029

9.2.1.2. Portability breakdown estimates & forecasts, 2019-2029

9.2.1.3. End-User breakdown estimates & forecasts, 2019-2029

9.2.2. Canada Healthcare Assistive Robot Market

9.3. Europe Healthcare Assistive Robot Market Snapshot

9.3.1. U.K. Healthcare Assistive Robot Market

9.3.2. Germany Healthcare Assistive Robot Market

9.3.3. France Healthcare Assistive Robot Market

9.3.4. Spain Healthcare Assistive Robot Market

9.3.5. Italy Healthcare Assistive Robot Market

9.3.6. Rest of Europe Healthcare Assistive Robot Market

9.4. Asia-Pacific Healthcare Assistive Robot Market Snapshot

- 9.4.1. China Healthcare Assistive Robot Market
- 9.4.2. India Healthcare Assistive Robot Market
- 9.4.3. Japan Healthcare Assistive Robot Market
- 9.4.4. Australia Healthcare Assistive Robot Market
- 9.4.5. South Korea Healthcare Assistive Robot Market
- 9.4.6. Rest of Asia Pacific Healthcare Assistive Robot Market
- 9.5. Latin America Healthcare Assistive Robot Market Snapshot
 - 9.5.1. Brazil Healthcare Assistive Robot Market
 - 9.5.2. Mexico Healthcare Assistive Robot Market
 - 9.5.3. Rest of Latin America Healthcare Assistive Robot Market
- 9.6. Rest of The World Healthcare Assistive Robot Market

CHAPTER 10. COMPETITIVE INTELLIGENCE

- 10.1. Top Market Strategies
- 10.2. Company Profiles
 - 10.2.1. Cyberdyne, Inc.
 - 10.2.1.1. Key Information
 - 10.2.1.2. Overview
 - 10.2.1.3. Financial (Subject to Data Availability)
 - 10.2.1.4. Product Summary
 - 10.2.1.5. Recent Developments
 - 10.2.2. Hocoma AG
 - 10.2.3. HONDA Motor Co. Ltd.
 - 10.2.4. ReWalk Robotics Ltd.
 - 10.2.5. KUKA AG Medtronic plc
 - 10.2.6. Intuitive Surgical, Inc.
 - 10.2.7. GaitTronics Inc.
 - 10.2.8. Bionik Laboratories
 - 10.2.9. Focal Meditech Barrett Technology, LLC
 - 10.2.10. Ekso Bionics Holdings, Inc.

CHAPTER 11. RESEARCH PROCESS

- 11.1. Research Process
 - 11.1.1. Data Mining
 - 11.1.2. Analysis
 - 11.1.3. Market Estimation
 - 11.1.4. Validation

- 11.1.5. Publishing
- 11.2. Research Attributes
- 11.3. Research Assumption

List Of Tables

LIST OF TABLES

- TABLE 1. Global Healthcare Assistive Robot Market, report scope
- TABLE 2. Global Healthcare Assistive Robot Market estimates & forecasts by Region 2019-2029 (USD Billion)
- TABLE 3. Global Healthcare Assistive Robot Market estimates & forecasts by Type 2019-2029 (USD Billion)
- TABLE 4. Global Healthcare Assistive Robot Market estimates & forecasts by Portability 2019-2029 (USD Billion)
- TABLE 5. Global Healthcare Assistive Robot Market estimates & forecasts by End-User 2019-2029 (USD Billion)
- TABLE 6. Global Healthcare Assistive Robot Market by segment, estimates & forecasts, 2019-2029 (USD Billion)
- TABLE 7. Global Healthcare Assistive Robot Market by region, estimates & forecasts, 2019-2029 (USD Billion)
- TABLE 8. Global Healthcare Assistive Robot Market by segment, estimates & forecasts, 2019-2029 (USD Billion)
- TABLE 9. Global Healthcare Assistive Robot Market by region, estimates & forecasts, 2019-2029 (USD Billion)
- TABLE 10. Global Healthcare Assistive Robot Market by segment, estimates & forecasts, 2019-2029 (USD Billion)
- TABLE 11. Global Healthcare Assistive Robot Market by region, estimates & forecasts, 2019-2029 (USD Billion)
- TABLE 12. Global Healthcare Assistive Robot Market by segment, estimates & forecasts, 2019-2029 (USD Billion)
- TABLE 13. Global Healthcare Assistive Robot Market by region, estimates & forecasts, 2019-2029 (USD Billion)
- TABLE 14. Global Healthcare Assistive Robot Market by segment, estimates & forecasts, 2019-2029 (USD Billion)
- TABLE 15. Global Healthcare Assistive Robot Market by region, estimates & forecasts, 2019-2029 (USD Billion)
- TABLE 16. U.S. Healthcare Assistive Robot Market estimates & forecasts, 2019-2029 (USD Billion)
- TABLE 17. U.S. Healthcare Assistive Robot Market estimates & forecasts by segment 2019-2029 (USD Billion)
- TABLE 18. U.S. Healthcare Assistive Robot Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 19. Canada Healthcare Assistive Robot Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 20. Canada Healthcare Assistive Robot Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 21. Canada Healthcare Assistive Robot Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 22. UK Healthcare Assistive Robot Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 23. UK Healthcare Assistive Robot Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 24. UK Healthcare Assistive Robot Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 25. Germany Healthcare Assistive Robot Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 26. Germany Healthcare Assistive Robot Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 27. Germany Healthcare Assistive Robot Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 28. France Healthcare Assistive Robot Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 29. France Healthcare Assistive Robot Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 30. France Healthcare Assistive Robot Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 31. Italy Healthcare Assistive Robot Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 32. Italy Healthcare Assistive Robot Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 33. Italy Healthcare Assistive Robot Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 34. Spain Healthcare Assistive Robot Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 35. Spain Healthcare Assistive Robot Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 36. Spain Healthcare Assistive Robot Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 37. RoE Healthcare Assistive Robot Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 38. RoE Healthcare Assistive Robot Market estimates & forecasts by segment

2019-2029 (USD Billion)

TABLE 39. RoE Healthcare Assistive Robot Market estimates & forecasts by segment

2019-2029 (USD Billion)

TABLE 40. China Healthcare Assistive Robot Market estimates & forecasts, 2019-2029

(USD Billion)

TABLE 41. China Healthcare Assistive Robot Market estimates & forecasts by segment

2019-2029 (USD Billion)

TABLE 42. China Healthcare Assistive Robot Market estimates & forecasts by segment

2019-2029 (USD Billion)

TABLE 43. India Healthcare Assistive Robot Market estimates & forecasts, 2019-2029

(USD Billion)

TABLE 44. India Healthcare Assistive Robot Market estimates & forecasts by segment

2019-2029 (USD Billion)

TABLE 45. India Healthcare Assistive Robot Market estimates & forecasts by segment

2019-2029 (USD Billion)

TABLE 46. Japan Healthcare Assistive Robot Market estimates & forecasts, 2019-2029

(USD Billion)

TABLE 47. Japan Healthcare Assistive Robot Market estimates & forecasts by segment

2019-2029 (USD Billion)

TABLE 48. Japan Healthcare Assistive Robot Market estimates & forecasts by segment

2019-2029 (USD Billion)

TABLE 49. South Korea Healthcare Assistive Robot Market estimates & forecasts,

2019-2029 (USD Billion)

TABLE 50. South Korea Healthcare Assistive Robot Market estimates & forecasts by

segment 2019-2029 (USD Billion)

TABLE 51. South Korea Healthcare Assistive Robot Market estimates & forecasts by

segment 2019-2029 (USD Billion)

TABLE 52. Australia Healthcare Assistive Robot Market estimates & forecasts,

2019-2029 (USD Billion)

TABLE 53. Australia Healthcare Assistive Robot Market estimates & forecasts by

segment 2019-2029 (USD Billion)

TABLE 54. Australia Healthcare Assistive Robot Market estimates & forecasts by

segment 2019-2029 (USD Billion)

TABLE 55. RoAPAC Healthcare Assistive Robot Market estimates & forecasts,

2019-2029 (USD Billion)

TABLE 56. RoAPAC Healthcare Assistive Robot Market estimates & forecasts by

segment 2019-2029 (USD Billion)

TABLE 57. RoAPAC Healthcare Assistive Robot Market estimates & forecasts by

segment 2019-2029 (USD Billion)

TABLE 58. Brazil Healthcare Assistive Robot Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 59. Brazil Healthcare Assistive Robot Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 60. Brazil Healthcare Assistive Robot Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 61. Mexico Healthcare Assistive Robot Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 62. Mexico Healthcare Assistive Robot Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 63. Mexico Healthcare Assistive Robot Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 64. RoLA Healthcare Assistive Robot Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 65. RoLA Healthcare Assistive Robot Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 66. RoLA Healthcare Assistive Robot Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 67. Row Healthcare Assistive Robot Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 68. Row Healthcare Assistive Robot Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 69. Row Healthcare Assistive Robot Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 70. List of secondary sources, used in the study of global Healthcare Assistive Robot Market

TABLE 71. List of primary sources, used in the study of global Healthcare Assistive Robot Market

TABLE 72. Years considered for the study

TABLE 73. Exchange rates considered

List of tables and figures and dummy in nature, final lists may vary in the final deliverable

List Of Figures

LIST OF FIGURES

- FIG 1. Global Healthcare Assistive Robot Market, research methodology
- FIG 2. Global Healthcare Assistive Robot Market, Market estimation techniques
- FIG 3. Global Market size estimates & forecast methods
- FIG 4. Global Healthcare Assistive Robot Market, key trends 2021
- FIG 5. Global Healthcare Assistive Robot Market, growth prospects 2022-2029
- FIG 6. Global Healthcare Assistive Robot Market, porters 5 force model
- FIG 7. Global Healthcare Assistive Robot Market, pest analysis
- FIG 8. Global Healthcare Assistive Robot Market, value chain analysis
- FIG 9. Global Healthcare Assistive Robot Market by segment, 2019 & 2029 (USD Billion)
- FIG 10. Global Healthcare Assistive Robot Market by segment, 2019 & 2029 (USD Billion)
- FIG 11. Global Healthcare Assistive Robot Market by segment, 2019 & 2029 (USD Billion)
- FIG 12. Global Healthcare Assistive Robot Market by segment, 2019 & 2029 (USD Billion)
- FIG 13. Global Healthcare Assistive Robot Market by segment, 2019 & 2029 (USD Billion)
- FIG 14. Global Healthcare Assistive Robot Market, regional snapshot 2019 & 2029
- FIG 15. North America Healthcare Assistive Robot Market 2019 & 2029 (USD Billion)
- FIG 16. Europe Healthcare Assistive Robot Market 2019 & 2029 (USD Billion)
- FIG 17. Asia Pacific Healthcare Assistive Robot Market 2019 & 2029 (USD Billion)
- FIG 18. Latin America Healthcare Assistive Robot Market 2019 & 2029 (USD Billion)
- FIG 19. Global Healthcare Assistive Robot Market, company Market share analysis (2021)

List of tables and figures and dummy in nature, final lists may vary in the final deliverable

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