

Global Healthcare Exoskeletons Market 2016-2023: Structure Analysis, Trend Outlook and Business Strategy

https://marketpublishers.com/r/GF47ABF7335EN.html

Date: January 2017

Pages: 141

Price: US\$ 2,516.00 (Single User License)

ID: GF47ABF7335EN

Abstracts

During 2017-2023, global demand for healthcare exoskeletons is poised to a cumulative market value of over \$2.49 billion including direct sales, renting, leasing, insurance reimbursement and other revenue sources. In terms of unit shipment from direct sales, the global total market over 2017-2023 is expected to reach 27,180 units, representing an exponential CAGR over the forecast years.

Global Healthcare Exoskeletons Market 2016-2023: Structure Analysis, Trend Outlook and Business Strategy is based on a comprehensive research of the healthcare exoskeletons market by analyzing the entire global market and all its sub-segments through extensively detailed classifications. Profound analysis and assessment are generated from premium primary and secondary information sources with inputs derived from industry professionals across the value chain.

In-depth qualitative analyses include identification and investigation of market structure, growth drivers, restraints and challenges, emerging product trends & market opportunities, Porter's Fiver Forces, partnership and fundraising landscape. Moreover, risks associated with investing in global healthcare exoskeletons market are assayed quantitatively and qualitatively through GMD's Risk Assessment System. According to the risk analysis and evaluation, Critical Success Factors (CSFs) are generated as a guidance to help investors & stockholders manage and minimize the risks, develop appropriate business models, and make wise decisions.

The report quantifies global healthcare exoskeletons market in every aspect of the classification from perspectives of application, mobility type, product function, power technology and region.



Based on application, the global market is segmented into the following sections with annual revenue data available for each section over 2014-2023:

Rehabilitation

Mobility Aid

Other Applications

On basis of mobility type, the global market is studied in the following segments with annual revenue data provided for each sub-segment covering 2014-2023:

Mobile Exoskeletons

Stationary Exoskeletons

Tethered Exoskeletons

On basis of product function, the global market is studied in the following segments with annual revenue available for each sub-segment covering 2014-2023:

Upper Body Exoskeletons

Lower Body Exoskeletons

On basis of power technology, the global market is segmented into the following sections with annual revenue forecast for each section covering 2014-2023:

Active Exoskeletons (by power type, this section is further classified into Electric Actuator, Pneumatic Actuator, Hydraulic Actuator, Fuel Cell, and Others)

Passive Exoskeletons

Geographically, the following five regions together with the listed leading national



markets are fully investigated:

APAC (China, Japan, South Korea, Australia, India, and Rest of APAC)

Europe (Germany, France, UK, Italy, Spain, Rest of Europe)

North America (U.S. and Canada)

Latin America

RoW

For each of the aforementioned regions and countries, detailed analysis and data about annual revenue of healthcare exoskeletons are available for every single year over 2014-2023.

The report also includes global annual shipment 2014-2023 based on direct sales, the split of global revenue by revenue mode over the forecast years, average selling price of healthcare exoskeletons for 2014-2023, current competitive scenario and the predicted manufacture trend, and profiles 12 healthcare exoskeleton vendors including market leaders and important emerging players.

Highlighted with 22 tables and 68 figures, this 141-page report provides timely data and detailed analysis to help clients targeting the global market to identify business opportunities and benchmark effective strategies.

(Note: The report can be customized/updated per request to meet clients' needs.)



Contents

1 INTRODUCTION

- 1.1 Industry Definition and Research Scope
 - 1.1.1 Industry Definition
 - 1.1.2 Research Scope
- 1.2 Research Methodology
 - 1.2.1 Overview of Market Research Methodology
 - 1.2.2 Market Assumption
 - 1.2.3 Secondary Data
 - 1.2.4 Primary Data
 - 1.2.5 Data Filtration and Model Design
 - 1.2.6 Market Size/Share Estimation
 - 1.2.7 Research Limitations
- 1.3 Executive Summary

2 MARKET OVERVIEW AND QUALITATIVE ANALYSIS

- 2.1 Market Structure
- 2.2 Market Size and Forecast
- 2.3 Major Growth Drivers
- 2.4 Market Restraints and Challenges
- 2.5 Emerging Opportunities and Market Trends
- 2.6 Porter's Fiver Forces Analysis
- 2.7 Investing in Global Market: Risk Assessment and Management
 - 2.7.1 Risk Evaluation of Global Market
 - 2.7.2 Critical Success Factors (CSFs)

3 SEGMENTATION OF GLOBAL MARKET BY APPLICATION

- 3.1 Market Overview by Application
- 3.2 Global Rehabilitation Exoskeletons Market 2014-2023
- 3.3 Global Mobility Aid Exoskeletons Market 2014-2023
- 3.4 Global Market of Healthcare Exoskeletons in Other Applications 2014-2023

4 SEGMENTATION OF GLOBAL MARKET BY MOBILITY TYPE

4.1 Market Overview by Mobility Type



- 4.2 Global Mobile Healthcare Exoskeletons Market 2014-2023
- 4.3 Global Stationary Healthcare Exoskeletons Market 2014-2023
- 4.4 Global Tethered Healthcare Exoskeletons Market 2014-2023

5 SEGMENTATION OF GLOBAL MARKET BY PRODUCT FUNCTION

- 5.1 Market Overview by Product Function
- 5.2 Global Upper Body Healthcare Exoskeletons Market 2014-2023
- 5.3 Global Lower Body Healthcare Exoskeletons Market 2014-2023

6 SEGMENTATION OF GLOBAL MARKET BY POWER TECHNOLOGY

- 6.1 Market Overview by Power Technology
- 6.2 Global Active Healthcare Exoskeletons Market 2014-2023
- 6.2.1 Global Market of Active Healthcare Exoskeletons with Electric Actuators 2014-2023
- 6.2.2 Global Market of Active Healthcare Exoskeletons with Pneumatic Actuators 2014-2023
- 6.2.3 Global Market of Active Healthcare Exoskeletons with Hydraulic Actuators 2014-2023
 - 6.2.4 Global Market of Active Healthcare Exoskeletons with Fuel Cells 2014-2023
- 6.2.5 Global Market of Active Healthcare Exoskeletons with Other Power Technology 2014-2023
- 6.3 Global Passive Healthcare Exoskeletons Market 2014-2023

7 SEGMENTATION OF GLOBAL MARKET BY REGION

- 7.1 Geographic Market Overview by Region 2016-2023
- 7.2 North America Market 2014-2023
 - 7.2.1 Overview of North America Market
 - 7.2.2 U.S. Market
 - 7.2.3 Canadian Market
- 7.3 European Market 2014-2023
 - 7.3.1 Overview of European Market
 - 7.3.2 Germany
 - 7.3.3 France
 - 7.3.4 UK
 - 7.3.5 Italy
 - 7.3.6 Spain



- 7.3.7 Rest of European Market
- 7.4 Asia-Pacific Market 2014-2023
 - 7.4.1 Overview of Asia-Pacific Market
 - 7.4.2 Japan
 - 7.4.3 China
 - 7.4.4 South Korea
 - 7.4.5 Australia
 - 7.4.6 India
 - 7.4.7 Rest of APAC Region
- 7.5 Latin America Market 2014-2023
- 7.6 Rest of World Market 2014-2023

8 COMPETITIVE LANDSCAPE

- 8.1 Overview of Global Vendors
- 8.2 Key M&A Trends and Strategic Partnerships
- 8.3 Fundraising in Global Market
- 8.4 Recent Product Launches and Development
- 8.5 Company Profiles (12 Vendors)

AlterG, Inc.

Bionik Laboratories Corp.

Cyberdyne, Inc.

Ekso Bionics

Hocoma

Honda Motor Co., Ltd.

Myomo

Panasonic Corporation (Activelink)

Parker Hannifin Corporation

ReWalk Robotics Ltd.

Rex Bionics Plc.

U.S. Bionics, Inc. (suitX)

RELATED REPORTS AND PRODUCTS



List Of Tables

LIST OF TABLES

- Table 1. Trend of Global Healthcare Exoskeletons Market by Shipment and Revenue, 2016-2023
- Table 2. Main Product Trends and Market Opportunities in Global Healthcare Exoskeletons Market
- Table 3. Summary and Outlook of Risk Evaluation for Investing in Global Healthcare Exoskeletons Market, 2016-2023
- Table 4. List of Critical Success Factors and Key Takeaway Notes
- Table 5. Leading National Healthcare Exoskeletons Markets by Revenue (\$ mn) and Share (%), 2016 and 2023
- Table 6. North America Healthcare Exoskeletons Market by Application, 2016-2023, \$ mn
- Table 7. North America Healthcare Exoskeletons Market by Mobility Type, 2016-2023, \$ mn
- Table 8. U.S. Healthcare Exoskeletons Market by Application, 2016-2023, \$ mn
- Table 9. U.S. Healthcare Exoskeletons Market by Mobility Type, 2016-2023, \$ mn
- Table 10. Europe Healthcare Exoskeletons Market by Application, 2016-2023, \$ mn
- Table 11. Europe Healthcare Exoskeletons Market by Mobility Type, 2016-2023, \$ mn
- Table 12. Germany Healthcare Exoskeletons Market by Application, 2016-2023, \$ mn
- Table 13. Germany Healthcare Exoskeletons Market by Mobility Type, 2016-2023, \$ mn
- Table 14. APAC Healthcare Exoskeletons Market by Application, 2016-2023, \$ mn
- Table 15. APAC Healthcare Exoskeletons Market by Mobility Type, 2016-2023, \$ mn
- Table 16. Japan Healthcare Exoskeletons Market by Application, 2016-2023, \$ mn
- Table 17. Japan Healthcare Exoskeletons Market by Mobility Type, 2016-2023, \$ mn
- Table 18. Latin America Healthcare Exoskeletons Market by Application, 2016-2023, \$
- Table 19. Latin America Healthcare Exoskeletons Market by Mobility Type, 2016-2023, \$ mn
- Table 20. RoW Healthcare Exoskeletons Market by Application, 2016-2023, \$ mn
- Table 21. RoW Healthcare Exoskeletons Market by Mobility Type, 2016-2023, \$ mn
- Table 22. Main Vendors and Exoskeleton Offerings



List Of Figures

LIST OF FIGURES

- Figure 1. Exemplary Pictures of Robotic Exoskeletons
- Figure 2. Research Method Flow Chart
- Figure 3. Bottom-up Approach and Top-down Approach for Market Estimation
- Figure 4. Structure of Global Healthcare Exoskeletons Market
- Figure 5. Global Healthcare Exoskeletons Market by Revenue, 2014-2023, \$ mn
- Figure 6. Breakdown of Global Healthcare Exoskeletons Market by Revenue Source, 2014-2023, % of Revenue
- Figure 7. Global Healthcare Exoskeletons Market by Unit Shipment, 2014-2023, thousand units
- Figure 8. Average Selling Price (ASP) of Healthcare Exoskeletons, 2014-2023, '000 USD/unit
- Figure 9. Primary Drivers and Impact Factors of Global Healthcare Exoskeletons Market
- Figure 10. Primary Restraints and Impact Factors of Global Healthcare Exoskeletons Market
- Figure 11. Porter's Fiver Forces Analysis of Global Healthcare Exoskeletons Market
- Figure 12. Breakdown of Global Healthcare Exoskeletons Market by Application, 2016-2023, % of Revenue
- Figure 13. 2016-2023 Revenue Growth Rates of Global Sub-markets by Application
- Figure 14. Global Rehabilitation Exoskeletons Market by Revenue, 2014-2023, \$ mn
- Figure 15. Global Mobility Aid Exoskeletons Market by Revenue, 2014-2023, \$ mn
- Figure 16. Global Market of Healthcare Exoskeletons in Other Applications by Revenue, 2014-2023, \$ mn
- Figure 17. Breakdown of Global Healthcare Exoskeletons Market by Mobility Type, 2016-2023, % of Revenue
- Figure 18. 2016-2023 Revenue Growth Rates of Global Sub-markets by Mobility Type
- Figure 19. Global Mobile Healthcare Exoskeletons Market by Revenue, 2014-2023, \$ mn
- Figure 20. Example of Mobile Upper Body Exoskeletons
- Figure 21. Example of Mobile Lower Body Exoskeletons
- Figure 22. Global Stationary Healthcare Exoskeletons Market by Revenue, 2014-2023, \$ mn
- Figure 23. Example of Stationary Lower Body Exoskeletons
- Figure 24. Example of Stationary Upper Body Exoskeletons
- Figure 25. Global Tethered Healthcare Exoskeletons Market by Revenue, 2014-2023, \$ mn



Figure 26. Breakdown of Global Healthcare Exoskeletons Market by Product Function, 2016-2023, % of Revenue

Figure 27. 2016-2023 Revenue Growth Rates of Global Sub-markets by Product Function

Figure 28. Global Upper Body Healthcare Exoskeletons Market by Revenue, 2014-2023, \$ mn

Figure 29. Global Lower Body Healthcare Exoskeletons Market by Revenue, 2014-2023, \$ mn

Figure 30. Breakdown of Global Healthcare Exoskeletons Market by Power Technology, 2016-2023, % of Revenue

Figure 31. 2016-2023 Revenue Growth Rates of Global Sub-markets by Power Technology

Figure 32. Global Active Healthcare Exoskeletons Market by Revenue, 2014-2023, \$ mn

Figure 33. Breakdown of Global Active Healthcare Exoskeletons Market by Powder Type, 2016-2023, % of Revenue

Figure 34. Revenue Growth Rates of Active Healthcare Exoskeleton Sub-markets by Powder Type, 2016-2023

Figure 35. Global Market of Active Healthcare Exoskeletons with Electric Actuators by Revenue, 2014-2023, \$ mn

Figure 36. Global Market of Active Healthcare Exoskeletons with Pneumatic Actuators by Revenue, 2014-2023, \$ mn

Figure 37. Global Market of Active Healthcare Exoskeletons with Hydraulic Actuators by Revenue, 2014-2023, \$ mn

Figure 38. Global Market of Active Healthcare Exoskeletons with Fuel Cells by Revenue, 2014-2023, \$ mn

Figure 39. Global Market of Active Healthcare Exoskeletons with Other Power Technology by Revenue, 2014-2023, \$ mn

Figure 40. Global Passive Healthcare Exoskeletons Market by Revenue, 2014-2023, \$ mn

Figure 41. Geographic Spread of Worldwide Healthcare Exoskeletons Market, 2016-2023, % of Revenue

Figure 42. 2016-2023 Revenue Growth Rates of Main Regional Markets

Figure 43. North American Healthcare Exoskeletons Market by Revenue, 2014-2023, \$ mn

Figure 44. Breakdown of North America Healthcare Exoskeletons Market by Country, 2016 and 2023, % of Revenue

Figure 45. 2015-2023 Revenue Growth Rates of National Markets in North America

Figure 46. U.S. Healthcare Exoskeletons Market, 2014-2023, \$ mn



Figure 47. Canada Healthcare Exoskeletons Market, 2014-2023, \$ mn

Figure 48. European Healthcare Exoskeletons Market by Revenue, 2014-2023, \$ mn

Figure 49. Breakdown of European Healthcare Exoskeletons Market by Country, 2016 and 2023, % of Revenue

Figure 50. 2016-2023 Revenue Growth Rates of National Markets in Europe

Figure 51. Healthcare Exoskeletons Market in Germany, 2014-2023, \$ mn

Figure 52. Healthcare Exoskeletons Market in France, 2014-2023, \$ mn

Figure 53. Healthcare Exoskeletons Market in UK, 2014-2023, \$ mn

Figure 54. Healthcare Exoskeletons Market in Italy, 2014-2023, \$ mn

Figure 55. Healthcare Exoskeletons Market in Spain, 2014-2023, \$ mn

Figure 56. Healthcare Exoskeletons Market in Rest of Europe, 2014-2023, \$ mn

Figure 57. Asia-Pacific Healthcare Exoskeletons Market by Revenue, 2014-2023, \$ mn

Figure 58. Breakdown of APAC Healthcare Exoskeletons Market by Country, 2016 and 2023, % of Revenue

Figure 59. 2016-2023 Revenue Growth Rates of National Markets in APAC

Figure 60. Healthcare Exoskeletons Market in Japan, 2014-2023, \$ mn

Figure 61. Healthcare Exoskeletons Market in China, 2014-2023, \$ mn

Figure 62. Healthcare Exoskeletons Market in South Korea, 2014-2023, \$ mn

Figure 63. Healthcare Exoskeletons Market in Australia, 2014-2023, \$ mn

Figure 64. Healthcare Exoskeletons Market in India, 2014-2023, \$ mn

Figure 65. Healthcare Exoskeletons Market in Rest APAC, 2014-2023, \$ mn

Figure 66. Latin America Healthcare Exoskeletons Market by Revenue, 2014-2023, \$ mn

Figure 67. Healthcare Exoskeletons Market in Rest of the World (RoW) by Revenue, 2014-2023, \$ mn

Figure 68. Market Shares of Leading Healthcare Exoskeletons Vendors in Global Market, 2016, % of Revenue

COMPANIES MENTIONED

AlterG, Inc.

Bionik Laboratories Corp.

Cyberdyne, Inc.

Ekso Bionics

Hocoma

Honda Motor Co., Ltd.

Myomo

Panasonic Corporation (Activelink)

Parker Hannifin Corporation



ReWalk Robotics Ltd.
Rex Bionics Plc.
U.S. Bionics, Inc. (suitX)



I would like to order

Product name: Global Healthcare Exoskeletons Market 2016-2023: Structure Analysis, Trend Outlook

and Business Strategy

Product link: https://marketpublishers.com/r/GF47ABF7335EN.html

Price: US\$ 2,516.00 (Single User License / Electronic Delivery)

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

Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/GF47ABF7335EN.html