

# **Asia Pacific Artificial Organ and Bionics Market 2022-2032 by Product Type (Organ, Bionics), Material (Metals, Polymers, Ceramics), Technology (Mechanical, Electronic), Fixation Type (Implantable, Wearable), Age Group (up to 17, 18-34, 35-49, 50-64, 65+), End User (Hospitals, ASCs, Others), and Country: Trend Forecast and Growth Opportunity**

<https://marketpublishers.com/r/A46F619F0EADEN.html>

Date: December 2023

Pages: 125

Price: US\$ 2,040.00 (Single User License)

ID: A46F619F0EADEN

## **Abstracts**

Asia Pacific artificial organ and bionics market will grow by 10.2% annually with a total addressable market cap of \$133.85 billion over 2023-2032. The growth is driven by a rising incidence of organ failure due to lifestyle disorders and road accidents, scarcity of organ donors, increase in geriatric population, technological advancements in healthcare, the availability of cutting-edge artificial support systems, favorable reimbursement policies, and the increasing FDA approvals for implants.

Highlighted with 33 tables and 65 figures, this 125-page report “Asia Pacific Artificial Organ and Bionics Market 2022-2032 by Product Type (Organ, Bionics), Material (Metals, Polymers, Ceramics), Technology (Mechanical, Electronic), Fixation Type (Implantable, Wearable), Age Group (up to 17, 18-34, 35-49, 50-64, 65+), End User (Hospitals, ASCs, Others), and Country: Trend Forecast and Growth Opportunity” is based on a comprehensive research of the entire Asia Pacific artificial organ and bionics 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. The report is based on studies on 2020-2022 and provides forecast from 2023 till 2032 with 2022 as the base year. (Please note: The report will be updated before delivery so that the latest historical year is the base year, and the forecast covers at

least 5 years over the base year.)

In-depth qualitative analyses include identification and investigation of the following aspects:

Market Structure

Growth Drivers

Restraints and Challenges

Emerging Product Trends & Market Opportunities

Porter's Fiver Forces

The trend and outlook of Asia Pacific market is forecast in optimistic, balanced, and conservative view by taking into account of COVID-19 and Russia-Ukraine conflict. The balanced (most likely) projection is used to quantify Asia Pacific artificial organ and bionics market in every aspect of the classification from perspectives of Product Type, Material, Technology, Fixation Type, Age Group, End User, and Country.

Based on Product Type, the Asia Pacific market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

Artificial Organ

Kidney

Heart

Liver

Lungs

Pancreas

Other Organs

Artificial Bionics

Ear Bionics

Exoskeleton

Bionic Limbs

Vision Bionics

Brain Bionics

Cardiac Bionics

Other Bionics

Based on Material, the Asia Pacific market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

Metals

Polymers

Ceramics

Other Materials

By Technology, the Asia Pacific market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

Mechanical

Electronic

By Fixation Type, the Asia Pacific market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

Implantable

Wearable

By Fixation Type, the Asia Pacific market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

17 Years Old and Under

18-34 Years Old

35-49 Years Old

50-64 Years Old

65 Years Old and Above

By End User, the Asia Pacific market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

Hospitals

Ambulatory Surgical Centers (ASCs)

Other End Users

Geographically, the following national/local markets are fully investigated:

Japan

China

South Korea

Australia

India

Rest of APAC (further segmented into Malaysia, Singapore, Indonesia, Thailand, New Zealand, Vietnam, Taiwan, and Philippines)

For each key country, detailed analysis and data for annual revenue (\$ mn) are available for 2022-2032. The breakdown of national markets by Product Type, Technology, and End User over the forecast years are also included.

The report also covers the current competitive scenario and the predicted trend; and profiles key vendors including market leaders and important emerging players.

Selected Key Players:

Abbott Laboratories Inc.

Abiomed, Inc.

Berlin Heart GmbH

Biomet Inc.

Boston Scientific Corporation

Cochlear Ltd.

Edward Lifesciences Corporation

Ekso Bionics Holdings, Inc.

Iwalk Inc.

Jarvik Heart, Inc.

Medtronic Plc

?ssur hf.

ReWalk Robotics Ltd.

SynCardia Systems LLC

Zimmer Biomet Holdings Inc.

(Please note: The report will be updated before delivery so that the latest historical year is the base year, and the forecast covers at least 5 years over the base year.)

## 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 DYNAMICS**

- 2.1 Market Size and Forecast
  - 2.1.1 Impact of COVID-19 on World Economy
  - 2.1.2 Impact of COVID-19 on the Market
  - 2.1.3 Impact of Russia-Ukraine Conflict: War Slows Economic Recovery
- 2.2 Major Growth Drivers
- 2.3 Market Restraints and Challenges
- 2.4 Emerging Opportunities and Market Trends
- 2.5 Porter's Fiver Forces Analysis

### **3 SEGMENTATION OF ASIA PACIFIC MARKET BY PRODUCT TYPE**

- 3.1 Market Overview by Product Type
- 3.2 Artificial Organ
  - 3.2.1 Kidney
  - 3.2.2 Heart
  - 3.2.3 Liver
  - 3.2.4 Lungs
  - 3.2.5 Pancreas
  - 3.2.6 Other Organs
- 3.3 Artificial Bionics

- 3.3.1 Ear Bionics
- 3.3.2 Exoskeleton
- 3.3.3 Bionic Limbs
- 3.3.4 Vision Bionics
- 3.3.5 Brain Bionics
- 3.3.6 Cardiac Bionics
- 3.3.7 Other Bionics

## **4 SEGMENTATION OF ASIA PACIFIC MARKET BY MATERIAL**

- 4.1 Market Overview by Material
- 4.2 Metals
- 4.3 Polymers
- 4.4 Ceramics
- 4.5 Other Materials

## **5 SEGMENTATION OF ASIA PACIFIC MARKET BY TECHNOLOGY**

- 5.1 Market Overview by Technology
- 5.2 Mechanical
- 5.3 Electronic

## **6 SEGMENTATION OF ASIA PACIFIC MARKET BY FIXATION TYPE**

- 6.1 Market Overview by Fixation Type
- 6.2 Implantable
- 6.3 Wearable

## **7 SEGMENTATION OF ASIA PACIFIC MARKET BY AGE GROUP**

- 7.1 Market Overview by Age Group
- 7.2 17 Years Old and Under
- 7.3 18-34 Years Old
- 7.4 35-49 Years Old
- 7.5 50-64 Years Old
- 7.6 65 Years Old and Above

## **8 SEGMENTATION OF ASIA PACIFIC MARKET BY END USER**



- 8.1 Market Overview by End User
- 8.2 Hospitals
- 8.3 Ambulatory Surgical Centers (ASCs)
- 8.4 Other End Users

## **9 ASIA-PACIFIC MARKET 2022-2032 BY COUNTRY**

- 9.1 Overview of Asia-Pacific Market
- 9.2 Japan
- 9.3 China
- 9.4 Australia
- 9.5 India
- 9.6 South Korea
- 9.7 Rest of APAC Region

## **10 COMPETITIVE LANDSCAPE**

- 10.1 Overview of Key Vendors
- 10.2 New Product Launch, Partnership, Investment, and M&A
- 10.3 Company Profiles
- Abbott Laboratories Inc.
- Abiomed, Inc.
- Berlin Heart GmbH
- Biomet Inc.
- Boston Scientific Corporation
- Cochlear Ltd.
- Edward Lifesciences Corporation
- Ekso Bionics Holdings, Inc.
- Iwalk Inc.
- Jarvik Heart, Inc.
- Medtronic Plc
- OssoiG hf.
- ReWalk Robotics Ltd.
- SynCardia Systems LLC
- Zimmer Biomet Holdings Inc.

## **RELATED REPORTS**

## List Of Tables

### LIST OF TABLES

Table 1. Snapshot of Asia Pacific Artificial Organ and Bionics Market in Balanced Perspective, 2022-2032

Table 2. World Economic Outlook, 2021-2031

Table 3. World Economic Outlook, 2021-2023

Table 4. Scenarios for Economic Impact of Ukraine Crisis

Table 5. Main Product Trends and Market Opportunities in Asia Pacific Artificial Organ and Bionics Market

Table 6. Asia Pacific Artificial Organ and Bionics Market by Product Type, 2022-2032, \$ mn

Table 7. Asia Pacific Artificial Organ and Bionics Market: Artificial Organ by Type, 2022-2032, \$ mn

Table 8. Asia Pacific Artificial Organ and Bionics Market: Artificial Bionics by Type, 2022-2032, \$ mn

Table 9. Asia Pacific Artificial Organ and Bionics Market by Material, 2022-2032, \$ mn

Table 10. Asia Pacific Artificial Organ and Bionics Market by Technology, 2022-2032, \$ mn

Table 11. Asia Pacific Artificial Organ and Bionics Market by Fixation Type, 2022-2032, \$ mn

Table 12. Asia Pacific Artificial Organ and Bionics Market by Age Group, 2022-2032, \$ mn

Table 13. Asia Pacific Artificial Organ and Bionics Market by End User, 2022-2032, \$ mn

Table 14. APAC Artificial Organ and Bionics Market by Country, 2022-2032, \$ mn

Table 15. Japan Artificial Organ and Bionics Market by Product Type, 2022-2032, \$ mn

Table 16. Japan Artificial Organ and Bionics Market by Technology, 2022-2032, \$ mn

Table 17. Japan Artificial Organ and Bionics Market by End User, 2022-2032, \$ mn

Table 18. China Artificial Organ and Bionics Market by Product Type, 2022-2032, \$ mn

Table 19. China Artificial Organ and Bionics Market by Technology, 2022-2032, \$ mn

Table 20. China Artificial Organ and Bionics Market by End User, 2022-2032, \$ mn

Table 21. Australia Artificial Organ and Bionics Market by Product Type, 2022-2032, \$ mn

Table 22. Australia Artificial Organ and Bionics Market by Technology, 2022-2032, \$ mn

Table 23. Australia Artificial Organ and Bionics Market by End User, 2022-2032, \$ mn

Table 24. India Artificial Organ and Bionics Market by Product Type, 2022-2032, \$ mn

Table 25. India Artificial Organ and Bionics Market by Technology, 2022-2032, \$ mn

Table 26. India Artificial Organ and Bionics Market by End User, 2022-2032, \$ mn

Table 27. South Korea Artificial Organ and Bionics Market by Product Type, 2022-2032, \$ mn

Table 28. South Korea Artificial Organ and Bionics Market by Technology, 2022-2032, \$ mn

Table 29. South Korea Artificial Organ and Bionics Market by End User, 2022-2032, \$ mn

Table 30. Artificial Organ and Bionics Market in Rest of APAC by Country/Region, 2022-2032, \$ mn

Table 31. Abbott Laboratories Inc.: Company Snapshot

Table 32. Abbott Laboratories Inc.: Business Segmentation

Table 33. Abbott Laboratories Inc.: Product Portfolio

## List Of Figures

### LIST OF FIGURES

Figure 1. Research Method Flow Chart

Figure 2. Bottom-up Approach and Top-down Approach for Market Estimation

Figure 3. Asia Pacific Market Forecast in Optimistic, Conservative and Balanced Perspectives, 2022-2032

Figure 4. Asia Pacific Artificial Organ and Bionics Market, 2022-2032, \$ mn

Figure 5. Impact of COVID-19 on Business

Figure 6. Primary Drivers and Impact Factors of Asia Pacific Artificial Organ and Bionics Market

Figure 7. Overview of Worldwide Organ Donation and Transplant, 2021

Figure 8. Estimated Number of Worldwide Organ Transplants by Organ Type in 2021

Figure 9. Primary Restraints and Impact Factors of Asia Pacific Artificial Organ and Bionics Market

Figure 10. Investment Opportunity Analysis

Figure 11. Porter's Five Forces Analysis of Asia Pacific Artificial Organ and Bionics Market

Figure 12. Breakdown of Asia Pacific Artificial Organ and Bionics Market by Product Type, 2022-2032, % of Revenue

Figure 13. Asia Pacific Addressable Market Cap in 2023-2032 by Product Type, Value (\$ mn) and Share (%)

Figure 14. Asia Pacific Artificial Organ and Bionics Market by Product Type: Artificial Organ, 2022-2032, \$ mn

Figure 15. Asia Pacific Artificial Organ and Bionics Market by Artificial Organ: Kidney, 2022-2032, \$ mn

Figure 16. Asia Pacific Artificial Organ and Bionics Market by Artificial Organ: Heart, 2022-2032, \$ mn

Figure 17. Asia Pacific Artificial Organ and Bionics Market by Artificial Organ: Liver, 2022-2032, \$ mn

Figure 18. Asia Pacific Artificial Organ and Bionics Market by Artificial Organ: Lungs, 2022-2032, \$ mn

Figure 19. Asia Pacific Artificial Organ and Bionics Market by Artificial Organ: Pancreas, 2022-2032, \$ mn

Figure 20. Asia Pacific Artificial Organ and Bionics Market by Artificial Organ: Other Organs, 2022-2032, \$ mn

Figure 21. Asia Pacific Artificial Organ and Bionics Market by Product Type: Artificial Bionics, 2022-2032, \$ mn

Figure 22. Asia Pacific Artificial Organ and Bionics Market by Artificial Bionics: Ear Bionics, 2022-2032, \$ mn

Figure 23. Asia Pacific Artificial Organ and Bionics Market by Artificial Bionics: Exoskeleton, 2022-2032, \$ mn

Figure 24. Asia Pacific Artificial Organ and Bionics Market by Artificial Bionics: Bionic Limbs, 2022-2032, \$ mn

Figure 25. Asia Pacific Artificial Organ and Bionics Market by Artificial Bionics: Vision Bionics, 2022-2032, \$ mn

Figure 26. Asia Pacific Artificial Organ and Bionics Market by Artificial Bionics: Brain Bionics, 2022-2032, \$ mn

Figure 27. Asia Pacific Artificial Organ and Bionics Market by Artificial Bionics: Cardiac Bionics, 2022-2032, \$ mn

Figure 28. Asia Pacific Artificial Organ and Bionics Market by Artificial Bionics: Other Bionics, 2022-2032, \$ mn

Figure 29. Breakdown of Asia Pacific Artificial Organ and Bionics Market by Material, 2022-2032, % of Sales Revenue

Figure 30. Asia Pacific Addressable Market Cap in 2023-2032 by Material, Value (\$ mn) and Share (%)

Figure 31. Asia Pacific Artificial Organ and Bionics Market by Material: Metals, 2022-2032, \$ mn

Figure 32. Asia Pacific Artificial Organ and Bionics Market by Material: Polymers, 2022-2032, \$ mn

Figure 33. Asia Pacific Artificial Organ and Bionics Market by Material: Ceramics, 2022-2032, \$ mn

Figure 34. Asia Pacific Artificial Organ and Bionics Market by Material: Other Materials, 2022-2032, \$ mn

Figure 35. Breakdown of Asia Pacific Artificial Organ and Bionics Market by Technology, 2022-2032, % of Sales Revenue

Figure 36. Asia Pacific Addressable Market Cap in 2023-2032 by Technology, Value (\$ mn) and Share (%)

Figure 37. Asia Pacific Artificial Organ and Bionics Market by Technology: Mechanical, 2022-2032, \$ mn

Figure 38. Asia Pacific Artificial Organ and Bionics Market by Technology: Electronic, 2022-2032, \$ mn

Figure 39. Breakdown of Asia Pacific Artificial Organ and Bionics Market by Fixation Type, 2022-2032, % of Revenue

Figure 40. Asia Pacific Addressable Market Cap in 2023-2032 by Fixation Type, Value (\$ mn) and Share (%)

Figure 41. Asia Pacific Artificial Organ and Bionics Market by Fixation Type:

Implantable, 2022-2032, \$ mn

Figure 42. Asia Pacific Artificial Organ and Bionics Market by Fixation Type: Wearable, 2022-2032, \$ mn

Figure 43. Breakdown of Asia Pacific Artificial Organ and Bionics Market by Age Group, 2022-2032, % of Revenue

Figure 44. Asia Pacific Addressable Market Cap in 2023-2032 by Age Group, Value (\$ mn) and Share (%)

Figure 45. Asia Pacific Artificial Organ and Bionics Market by Age Group: 17 Years Old and Under, 2022-2032, \$ mn

Figure 46. Asia Pacific Artificial Organ and Bionics Market by Age Group: 18-34 Years Old, 2022-2032, \$ mn

Figure 47. Asia Pacific Artificial Organ and Bionics Market by Age Group: 35-49 Years Old, 2022-2032, \$ mn

Figure 48. Asia Pacific Artificial Organ and Bionics Market by Age Group: 50-64 Years Old, 2022-2032, \$ mn

Figure 49. Asia Pacific Artificial Organ and Bionics Market by Age Group: 65 Years Old and Above, 2022-2032, \$ mn

Figure 50. Breakdown of Asia Pacific Artificial Organ and Bionics Market by End User, 2022-2032, % of Revenue

Figure 51. Asia Pacific Addressable Market Cap in 2023-2032 by End User, Value (\$ mn) and Share (%)

Figure 52. Asia Pacific Artificial Organ and Bionics Market by End User: Hospitals, 2022-2032, \$ mn

Figure 53. Asia Pacific Artificial Organ and Bionics Market by End User: Ambulatory Surgical Centers (ASCs), 2022-2032, \$ mn

Figure 54. Asia Pacific Artificial Organ and Bionics Market by End User: Other End Users, 2022-2032, \$ mn

Figure 55. Breakdown of APAC Artificial Organ and Bionics Market by Country, 2022 and 2032, % of Revenue

Figure 56. Contribution to APAC 2023-2032 Cumulative Market by Country, Value (\$ mn) and Share (%)

Figure 57. Artificial Organ and Bionics Market in Japan, 2022-2032, \$ mn

Figure 58. Artificial Organ and Bionics Market in China, 2022-2032, \$ mn

Figure 59. Artificial Organ and Bionics Market in Australia, 2022-2032, \$ mn

Figure 60. Artificial Organ and Bionics Market in India, 2022-2032, \$ mn

Figure 61. Artificial Organ and Bionics Market in South Korea, 2022-2032, \$ mn

Figure 62. Artificial Organ and Bionics Market in Rest of APAC, 2022-2032, \$ mn

Figure 63. Growth Stage of Asia Pacific Artificial Organ and Bionics Industry over the Forecast Period

## I would like to order

Product name: Asia Pacific Artificial Organ and Bionics Market 2022-2032 by Product Type (Organ, Bionics), Material (Metals, Polymers, Ceramics), Technology (Mechanical, Electronic), Fixation Type (Implantable, Wearable), Age Group (up to 17, 18-34, 35-49, 50-64, 65+), End User (Hospitals, ASCs, Others), and Country: Trend Forecast and Growth Opportunity

Product link: <https://marketpublishers.com/r/A46F619F0EADEN.html>

Price: US\$ 2,040.00 (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/A46F619F0EADEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below  
and fax the completed form to +44 20 7900 3970