

North America 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

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Abstracts

North America artificial organ and bionics market is projected to grow by 7.8% annually in the forecast period and reach \$29.78 billion by 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 29 tables and 60 figures, this 121-page report “North America 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 North America 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 North America 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 North America 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 North America 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 North America 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 North America 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 North America 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 North America 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 North America 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:

U.S.

Canada

Mexico

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

Parasur 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

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