

# **Global Electroceuticals/Bioelectric Medicine Market Size Study, by Product (Cardiac Pacemakers & Implantable Cardioverter Defibrillators, Cochlear Implants, Spinal Cord Stimulators, Deep Brain Stimulators, Vagus Nerve Stimulators, Sacral Nerve Stimulators, Others), by Device Type (Implantable Devices, Non-invasive Devices), by Application (Arrhythmia, Sensorineural Hearing Loss, Epilepsy, Parkinson's Disease, Others), by End User (Hospitals, Ambulatory Surgical Centers, Others), and Regional Forecasts 2022-2032**

<https://marketpublishers.com/r/G6DF12BB17EAEN.html>

Date: July 2024

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: G6DF12BB17EAEN

## **Abstracts**

The Global Electroceuticals/Bioelectric Medicine Market is valued at approximately USD 21.27 billion in 2023 and is anticipated to grow with a healthy growth rate of more than 7.47% over the forecast period 2024-2032. Electroceuticals, which leverage electrical impulses to modulate neural circuits, tissues, or organs for therapeutic purposes, are increasingly gaining traction as innovative solutions for various medical conditions. This non-pharmacological approach offers promising treatments for chronic pain, neurological disorders, and psychiatric conditions, thus driving market growth. The growing geriatric population, projected to reach 1.4 billion people aged 60 and over by 2030 according to the World Health Organization (WHO), is a pivotal driver of the electroceuticals market. This demographic shift highlights the increasing prevalence of cardiovascular disorders and Parkinson's disease, necessitating advanced therapeutic technologies such as electroceuticals.

The market is also witnessing significant product innovation and regulatory support,

fostering the availability of advanced electroceutical devices. For instance, the FDA approvals for Medtronic Plc's Micra AV and Boston Scientific's WaveWriter Alpha portfolio underscore the advancements in the field, bolstering market confidence and adoption. Additionally, the rise in minimally invasive procedures, government initiatives for medical device development, and advancements in healthcare technology further propel market growth. However, competition from pharmaceuticals and limited reimbursement policies pose challenges to market growth. Strategic positioning, advocating for improved reimbursement, and demonstrating cost-effectiveness are essential to overcoming these obstacles.

The key regions considered for the global electroceuticals/Bioelectric Medicine market study include North America, Europe, Asia Pacific, Latin America, and the Middle East & Africa. North America dominated the market in 2022, attributed to well-established healthcare infrastructure, high healthcare spending, and extensive adoption of advanced therapeutic technologies. The region has a significant patient population suffering from chronic diseases such as cardiovascular disorders, neurological conditions, and chronic pain, which drive the demand for electroceutical therapies. Moreover, North America is home to numerous leading biotechnology and medical device companies that are actively involved in the research, development, and commercialization of electroceutical devices. Asia-Pacific is expected to exhibit the fastest growth during the forecast period, driven by robust economic development, expanding population, and improving healthcare infrastructure.

Major market players included in this report are:

Boston Scientific Corporation  
Medtronic Plc  
LivaNova PLC  
Abbott Laboratories  
Cochlear Limited  
Biotronik SE & Co. KG  
Nevro Corp.  
Second Sight Medical Products, Inc.  
Inspire Medical Systems, Inc.  
ElectroCore, Inc.  
MicroPort Scientific Corporation  
NeuroPace, Inc.  
Nuvectra Corporation  
Axonics Modulation Technologies, Inc.  
Mainstay Medical International plc

The detailed segments and sub-segment of the market are explained below:

By Product:

Cardiac Pacemakers & Implantable Cardioverter Defibrillators

Cochlear Implants

Spinal Cord Stimulators

Deep Brain Stimulators

Vagus Nerve Stimulators

Sacral Nerve Stimulators

Others

By Device Type:

Implantable Devices

Non-invasive Devices

By Application:

Arrhythmia

Sensorineural Hearing Loss

Epilepsy

Parkinson's Disease

Others

By End User:

Hospitals

Ambulatory Surgical Centers

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

RoLATAM

Middle East & Africa

South Africa

Saudi Arabia

RoMEA

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and regional level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

## Contents

### **CHAPTER 1. GLOBAL ELECTROCEUTICALS/BIOELECTRIC MEDICINE MARKET EXECUTIVE SUMMARY**

- 1.1. Global Electroceuticals/Bioelectric Medicine Market Size & Forecast (2022- 2032)
- 1.2. Regional Summary
- 1.3. Segmental Summary
  - 1.3.1. By Product
  - 1.3.2. By Device Type
  - 1.3.3. By Application
  - 1.3.4. By End User
- 1.4. Key Trends
- 1.5. Recession Impact
- 1.6. Analyst Recommendation & Conclusion

### **CHAPTER 2. GLOBAL ELECTROCEUTICALS/BIOELECTRIC MEDICINE MARKET DEFINITION AND RESEARCH ASSUMPTIONS**

- 2.1. Research Objective
- 2.2. Market Definition
- 2.3. Research Assumptions
  - 2.3.1. Inclusion & Exclusion
  - 2.3.2. Limitations
  - 2.3.3. Supply Side Analysis
    - 2.3.3.1. Availability
    - 2.3.3.2. Infrastructure
    - 2.3.3.3. Regulatory Environment
    - 2.3.3.4. Market Competition
    - 2.3.3.5. Economic Viability (Consumer's Perspective)
  - 2.3.4. Demand Side Analysis
    - 2.3.4.1. Regulatory frameworks
    - 2.3.4.2. Technological Advancements
    - 2.3.4.3. Environmental Considerations
    - 2.3.4.4. Consumer Awareness & Acceptance
- 2.4. Estimation Methodology
- 2.5. Years Considered for the Study
- 2.6. Currency Conversion Rates

## **CHAPTER 3. GLOBAL ELECTROCEUTICALS/BIOELECTRIC MEDICINE MARKET DYNAMICS**

### 3.1. Market Drivers

- 3.1.1. Growing geriatric population
- 3.1.2. Rise in cardiovascular and neurological disorders
- 3.1.3. Increase in minimally invasive procedures

### 3.2. Market Challenges

- 3.2.1. Competition from pharmaceuticals
- 3.2.2. Limited reimbursement policies

### 3.3. Market Opportunities

- 3.3.1. Technological advancements in electroceuticals
- 3.3.2. Increasing regulatory support

## **CHAPTER 4. GLOBAL ELECTROCEUTICALS/BIOELECTRIC MEDICINE 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
- 4.1.6. Futuristic Approach to Porter's 5 Force Model
- 4.1.7. Porter's 5 Force Impact Analysis

### 4.2. PESTEL Analysis

- 4.2.1. Political
- 4.2.2. Economical
- 4.2.3. Social
- 4.2.4. Technological
- 4.2.5. Environmental
- 4.2.6. Legal

### 4.3. Top investment opportunity

### 4.4. Top winning strategies

### 4.5. Disruptive Trends

### 4.6. Industry Expert Perspective

### 4.7. Analyst Recommendation & Conclusion

## **CHAPTER 5. GLOBAL ELECTROCEUTICALS/BIOELECTRIC MEDICINE MARKET**

## **SIZE & FORECASTS BY PRODUCT 2022-2032**

### 5.1. Segment Dashboard

### 5.2. Global Electroceuticals/Bioelectric Medicine Market: Product Revenue Trend Analysis, 2022 & 2032 (USD Billion)

#### 5.2.1. Cardiac Pacemakers & Implantable Cardioverter Defibrillators

#### 5.2.2. Cochlear Implants

#### 5.2.3. Spinal Cord Stimulators

#### 5.2.4. Deep Brain Stimulators

#### 5.2.5. Vagus Nerve Stimulators

#### 5.2.6. Sacral Nerve Stimulators

#### 5.2.7. Others

## **CHAPTER 6. GLOBAL ELECTROCEUTICALS/BIOELECTRIC MEDICINE MARKET SIZE & FORECASTS BY DEVICE TYPE 2022-2032**

### 6.1. Segment Dashboard

### 6.2. Global Electroceuticals/Bioelectric Medicine Market: Device Type Revenue Trend Analysis, 2022 & 2032 (USD Billion)

#### 6.2.1. Implantable Devices

#### 6.2.2. Non-invasive Devices

## **CHAPTER 7. GLOBAL ELECTROCEUTICALS/BIOELECTRIC MEDICINE MARKET SIZE & FORECASTS BY APPLICATION 2022-2032**

### 7.1. Segment Dashboard

### 7.2. Global Electroceuticals/Bioelectric Medicine Market: Application Revenue Trend Analysis, 2022 & 2032 (USD Billion)

#### 7.2.1. Arrhythmia

#### 7.2.2. Sensorineural Hearing Loss

#### 7.2.3. Epilepsy

#### 7.2.4. Parkinson's Disease

#### 7.2.5. Others

## **CHAPTER 8. GLOBAL ELECTROCEUTICALS/BIOELECTRIC MEDICINE MARKET SIZE & FORECASTS BY END USER 2022-2032**

### 8.1. Segment Dashboard

### 8.2. Global Electroceuticals/Bioelectric Medicine Market: End User Revenue Trend

Analysis, 2022 & 2032 (USD Billion)

8.2.1. Hospitals

8.2.2. Ambulatory Surgical Centers

8.2.3. Others

## **CHAPTER 9. GLOBAL ELECTROCEUTICALS/BIOELECTRIC MEDICINE MARKET SIZE & FORECASTS BY REGION 2022-2032**

9.1. North America Electroceuticals/Bioelectric Medicine Market

9.1.1. U.S. Electroceuticals/Bioelectric Medicine Market

9.1.1.1. Product breakdown size & forecasts, 2022-2032

9.1.1.2. Device Type breakdown size & forecasts, 2022-2032

9.1.1.3. Application breakdown size & forecasts, 2022-2032

9.1.1.4. End User breakdown size & forecasts, 2022-2032

9.1.2. Canada Electroceuticals/Bioelectric Medicine Market

9.1.2.1. Product breakdown size & forecasts, 2022-2032

9.1.2.2. Device Type breakdown size & forecasts, 2022-2032

9.1.2.3. Application breakdown size & forecasts, 2022-2032

9.1.2.4. End User breakdown size & forecasts, 2022-2032

9.1.3. Mexico Electroceuticals/Bioelectric Medicine Market

9.1.3.1. Product breakdown size & forecasts, 2022-2032

9.1.3.2. Device Type breakdown size & forecasts, 2022-2032

9.1.3.3. Application breakdown size & forecasts, 2022-2032

9.1.3.4. End User breakdown size & forecasts, 2022-2032

9.2. Europe Electroceuticals/Bioelectric Medicine Market

9.2.1. Germany Electroceuticals/Bioelectric Medicine Market

9.2.2. France Electroceuticals/Bioelectric Medicine Market

9.2.3. UK Electroceuticals/Bioelectric Medicine Market

9.2.4. Italy Electroceuticals/Bioelectric Medicine Market

9.2.5. Spain Electroceuticals/Bioelectric Medicine Market

9.2.6. Rest of Europe Electroceuticals/Bioelectric Medicine Market

9.3. Asia-Pacific Electroceuticals/Bioelectric Medicine Market

9.3.1. China Electroceuticals/Bioelectric Medicine Market

9.3.2. India Electroceuticals/Bioelectric Medicine Market

9.3.3. Japan Electroceuticals/Bioelectric Medicine Market

9.3.4. Australia Electroceuticals/Bioelectric Medicine Market

9.3.5. South Korea Electroceuticals/Bioelectric Medicine Market

9.3.6. Rest of Asia Pacific Electroceuticals/Bioelectric Medicine Market

9.4. Latin America Electroceuticals/Bioelectric Medicine Market



- 9.4.1. Brazil Electroceuticals/Bioelectric Medicine Market
- 9.4.2. Colombia Electroceuticals/Bioelectric Medicine Market
- 9.4.3. Argentina Electroceuticals/Bioelectric Medicine Market
- 9.4.4. Rest of Latin America Electroceuticals/Bioelectric Medicine Market
- 9.5. Middle East & Africa Electroceuticals/Bioelectric Medicine Market
  - 9.5.1. GCC Electroceuticals/Bioelectric Medicine Market
  - 9.5.2. South Africa Electroceuticals/Bioelectric Medicine Market
  - 9.5.3. North Africa Electroceuticals/Bioelectric Medicine Market
  - 9.5.4. Rest of Middle East & Africa Electroceuticals/Bioelectric Medicine Market

## **CHAPTER 10. COMPETITIVE INTELLIGENCE**

- 10.1. Key Company SWOT Analysis
  - 10.1.1. Company
  - 10.1.2. Company
  - 10.1.3. Company
- 10.2. Top Market Strategies
- 10.3. Company Profiles
  - 10.3.1. Abbott Laboratories
    - 10.3.1.1. Key Information
    - 10.3.1.2. Overview
    - 10.3.1.3. Financial (Subject to Data Availability)
    - 10.3.1.4. Product Summary
    - 10.3.1.5. Market Strategies
  - 10.3.2. Cochlear Limited
  - 10.3.3. Biotronik SE & Co. KG
  - 10.3.4. Nevro Corp.
  - 10.3.5. Second Sight Medical Products, Inc.
  - 10.3.6. Inspire Medical Systems, Inc.
  - 10.3.7. ElectroCore, Inc.
  - 10.3.8. MicroPort Scientific Corporation
  - 10.3.9. NeuroPace, Inc.
  - 10.3.10. Nuvectra Corporation
  - 10.3.11. Axonics Modulation Technologies, Inc.
  - 10.3.12. Mainstay Medical International plc
  - 10.3.12. Boston Scientific Corporation
  - 10.3.12. Medtronic Plc
  - 10.3.12. LivaNova PLC

## **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

## List Of Tables

### LIST OF TABLES

- TABLE 1. Global Electroceuticals/Bioelectric Medicine market, report scope
- TABLE 2. Global Electroceuticals/Bioelectric Medicine market estimates & forecasts by Region 2022-2032 (USD Billion)
- TABLE 3. Global Electroceuticals/Bioelectric Medicine market estimates & forecasts by Product 2022-2032 (USD Billion)
- TABLE 4. Global Electroceuticals/Bioelectric Medicine market estimates & forecasts by Device Type 2022-2032 (USD Billion)
- TABLE 5. Global Electroceuticals/Bioelectric Medicine market by segment, estimates & forecasts, 2022-2032 (USD Billion)
- TABLE 6. Global Electroceuticals/Bioelectric Medicine market by region, estimates & forecasts, 2022-2032 (USD Billion)
- TABLE 7. Global Electroceuticals/Bioelectric Medicine market by segment, estimates & forecasts, 2022-2032 (USD Billion)
- TABLE 8. Global Electroceuticals/Bioelectric Medicine market by region, estimates & forecasts, 2022-2032 (USD Billion)
- TABLE 9. Global Electroceuticals/Bioelectric Medicine market by segment, estimates & forecasts, 2022-2032 (USD Billion)
- TABLE 10. Global Electroceuticals/Bioelectric Medicine market by region, estimates & forecasts, 2022-2032 (USD Billion)
- TABLE 11. Global Electroceuticals/Bioelectric Medicine market by segment, estimates & forecasts, 2022-2032 (USD Billion)
- TABLE 12. Global Electroceuticals/Bioelectric Medicine market by region, estimates & forecasts, 2022-2032 (USD Billion)
- TABLE 13. Global Electroceuticals/Bioelectric Medicine market by segment, estimates & forecasts, 2022-2032 (USD Billion)
- TABLE 14. Global Electroceuticals/Bioelectric Medicine market by region, estimates & forecasts, 2022-2032 (USD Billion)
- TABLE 15. U.S. Electroceuticals/Bioelectric Medicine market estimates & forecasts, 2022-2032 (USD Billion)
- TABLE 16. U.S. Electroceuticals/Bioelectric Medicine market estimates & forecasts by segment 2022-2032 (USD Billion)
- TABLE 17. U.S. Electroceuticals/Bioelectric Medicine market estimates & forecasts by segment 2022-2032 (USD Billion)
- TABLE 18. Canada Electroceuticals/Bioelectric Medicine market estimates & forecasts, 2022-2032 (USD Billion)

TABLE 19. Canada Electroceuticals/Bioelectric Medicine market estimates & forecasts by segment 2022-2032 (USD Billion)

TABLE 20. Canada Electroceuticals/Bioelectric Medicine market estimates & forecasts by segment 2022-2032 (USD Billion)

.....

This list is not complete, final report does contain more than 100 tables. The list may be updated in the final deliverable.

## List Of Figures

### LIST OF FIGURES

- FIG 1. Global Electroceuticals/Bioelectric Medicine market, research methodology
- FIG 2. Global Electroceuticals/Bioelectric Medicine market, market estimation techniques
- FIG 3. Global market size estimates & forecast methods.
- FIG 4. Global Electroceuticals/Bioelectric Medicine market, key trends 2023
- FIG 5. Global Electroceuticals/Bioelectric Medicine market, growth prospects 2022-2032
- FIG 6. Global Electroceuticals/Bioelectric Medicine market, porters 5 force model
- FIG 7. Global Electroceuticals/Bioelectric Medicine market, PESTEL analysis
- FIG 8. Global Electroceuticals/Bioelectric Medicine market, value chain analysis
- FIG 9. Global Electroceuticals/Bioelectric Medicine market by segment, 2022 & 2032 (USD Billion)
- FIG 10. Global Electroceuticals/Bioelectric Medicine market by segment, 2022 & 2032 (USD Billion)
- FIG 11. Global Electroceuticals/Bioelectric Medicine market by segment, 2022 & 2032 (USD Billion)
- FIG 12. Global Electroceuticals/Bioelectric Medicine market by segment, 2022 & 2032 (USD Billion)
- FIG 13. Global Electroceuticals/Bioelectric Medicine market by segment, 2022 & 2032 (USD Billion)
- FIG 14. Global Electroceuticals/Bioelectric Medicine market, regional snapshot 2022 & 2032
- FIG 15. North America Electroceuticals/Bioelectric Medicine market 2022 & 2032 (USD Billion)
- FIG 16. Europe Electroceuticals/Bioelectric Medicine market 2022 & 2032 (USD Billion)
- FIG 17. Asia pacific Electroceuticals/Bioelectric Medicine market 2022 & 2032 (USD Billion)
- FIG 18. Latin America Electroceuticals/Bioelectric Medicine market 2022 & 2032 (USD Billion)
- FIG 19. Middle East & Africa Electroceuticals/Bioelectric Medicine market 2022 & 2032 (USD Billion)
- FIG 20. Global Electroceuticals/Bioelectric Medicine market, company market share analysis (2023)

.....

This list is not complete, final report does contain more than 50 figures. The list may be updated in the final deliverable.

## I would like to order

Product name: Global Electroceuticals/Bioelectric Medicine Market Size Study, by Product (Cardiac Pacemakers & Implantable Cardioverter Defibrillators, Cochlear Implants, Spinal Cord Stimulators, Deep Brain Stimulators, Vagus Nerve Stimulators, Sacral Nerve Stimulators, Others), by Device Type (Implantable Devices, Non-invasive Devices), by Application (Arrhythmia, Sensorineural Hearing Loss, Epilepsy, Parkinson's Disease, Others), by End User (Hospitals, Ambulatory Surgical Centers, Others), and Regional Forecasts 2022-2032

Product link: <https://marketpublishers.com/r/G6DF12BB17EAEN.html>

Price: US\$ 4,950.00 (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/G6DF12BB17EAEN.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