

# **Bionic Ear: by type (cochlear implant, auditory brainstem implants, and bone-anchored hearing aid); by end use (research institutes, hearing clinics, and hospitals); , And Region – Global Analysis Of Market Size, Share & Trends For 2019–2020 And Forecasts To 2031**

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## **Abstracts**

Bionic Ear: by type (cochlear implant, auditory brainstem implants, and bone-anchored hearing aid); by end use (research institutes, hearing clinics, and hospitals); , And Region – Global Analysis Of Market Size, Share & Trends For 2019–2020 And Forecasts To 2031

## **PRODUCT OVERVIEW**

Bionic ear, also known as a neural prosthesis, is an electronic device meant to help persons with hearing loss. It has the ability to activate the auditory nerve and send sound signals straight to the brain. A receiver-stimulator and an external sound processor are both fitted behind the ear in the bionic ear. The sound processor also gathers external sound before converting it to a digital code. The digital code is sent to the receiver-stimulator, which is worn behind the ear. Furthermore, the receiver uses the incoming digital code to produce the electrical signals, which are then delivered to the electrode array in the cochlea. Both those who are suffering from profound loss and those who are completely blind can utilize these gadgets.

## **MARKET HIGHLIGHTS**

Global Bionic Ear market is expected to project a notable CAGR of 8.8% in 2031.

Global Bionic Ear to surpass USD 30.2 billion by 2031 from USD 4.9 billion in 2021 at a CAGR of 8.8% in the coming years, i.e., 2021-31. Hearing loss is projected to become more common as the prevalence of hearing impairments rises and the geriatric population grows. According to the World Health Organization, more than 360 million individuals worldwide suffer from hearing loss. Hearing loss is one of the most common ailments in the world.

## GLOBAL BIONIC EAR: SEGMENTS

Cochlear implant segment to grow with the highest CAGR during 2021-31

Global Bionic Ear Market is fragmented by type into cochlear implant, auditory brainstem implants, and bone-anchored hearing aid. Electric stimulation of the remaining auditory nerve is the only medical method that can restore partial hearing to a deafened person. It may be a good alternative for patients who have significant hearing loss due to inner ear damage and are no longer able to use hearing aids.

Research institutes segment to grow with the highest CAGR during 2021-31

Global Bionic Ear market is segmented by end use into research institutes, hearing clinics, and hospitals. Research institutes are organizations that conduct a variety of studies on a variety of topics. The number of studies on bionic ears has increased in recent years. The establishment of research institutes is aided by increased financing for research projects. Rising financing for research initiatives has resulted in an increase of research institutes, boosting the segment's growth.

## MARKET DYNAMICS

### Drivers

Hearing loss is becoming more common

Demand for minimally invasive surgical procedures is expected to grow, boosting the market

### Restraint

A regulatory mandate

## GLOBAL BIONIC EAR:

### Key Players

Advanced Bionics (US)

Company Overview, Business Strategy, Key Product Offerings, Financial Performance, Key Performance Indicators, Risk Analysis, Recent Development, Regional Presence, SWOT Analysis

Sonova (Switzerland)

Cochlear (Australia)

MED-EL (Austria)

WS Audiology (Singapore)

Oticon (Denmark)

Hangzhou Nurotron (China)

Listent Medical (China)

Medtronic PLC (Ireland)

Edward Lifesciences Corporation (US)

Other Prominent Players

## GLOBAL BIONIC EAR REPORT ALSO CONTAINS ANALYSIS ON:

### Bionic Ear Segments:

By Type

cochlear implant

*Bionic Ear: by type (cochlear implant, auditory brainstem implants, and bone-anchored hearing aid); by end use...*

auditory brainstem implants

bone-anchored hearing aid

By End use

research institutes

hearing clinics

hospitals

Bionic Ear Dynamics

Bionic Ear Size

Supply & Demand

Current Trends/Issues/Challenges

Competition & Companies Involved in the Market

Value Chain of the Market

Market Drivers and Restraints

Reasons to Purchase this Report

Qualitative and quantitative analysis of the market based on segmentation involving both economic as well as non-economic factors

Provision of market value (USD Billion) data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the

region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry with respect to recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market of various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

3-month post-sales analyst support.

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The above given segmentations and companies could be subjected to further modification based on in-depth feasibility studies conducted for the final deliverable.



## I would like to order

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