

Global Artificial Retina Market Size study & Forecast, by Product (Epiretinal Implants, Suprachoroidal Implants, Subretinal Implants, Others), by Disease Indication (Retinitis Pigmentosa, Age-Related Macular Degeneration (AMD), by End User (Ophthalmic Centers, Hospitals, Research Institutes, Multi-Specialty Hospitals, Others) and Regional Analysis, 2022-2029

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Abstracts

Global Artificial Retina Market is valued at approximately USD 2711.4 thousand in 2021 and is anticipated to grow with a healthy growth rate of more than 8.20% over the forecast period 2022-2029. An artificial retina is a biomedical device that restores limited vision and enables people to read during mobility. Artificial retina helps to treat vision problems such as retinitis pigmentosa. This implant converts the image into an electrical signal that passes to the nerve cell to identify the image in the presence of light for better eyesight vision in the future. The high investment in R&D, rapid technological advancements, and a rise in the geriatric population are expanding the Artificial Retina Market.

According to National Eye Institute (NEI) statistics in August 2022, retinal dystrophy affects 1 in every 4000 people in the U.S., with the first symptom being night blindness. Therefore, a rise in the prevalence of retinitis pigmentosa is expected to lead to lucrative growth for the market over the forecast period. For instance, according to the U.S. Centers for Disease Control and Prevention (CDC), around 12 million people in the country, falling in the age category of 40 years and above, suffer from vision impairment. Also, growing healthcare expenditure and a rise in the geriatric population

that is vulnerable to eye diseases fuel the market growth. Moreover, high investment in R&D by key players and the government and technical advancements such as innovative bionic vision systems are expected to drive market growth. However, The high cost of artificial retina stifles market growth throughout the forecast period of 2022-2029.

The key regions considered for the Artificial Retina Market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America dominated the Artificial Retina Market due to increasing cases of retinitis pigmentosa and strong healthcare infrastructure. Asia-Pacific is expected to expand at a significant growth rate over the forecast period owing to factors such as increasing government support in countries such as India and China, increasing per capita income and the rise in the number of ophthalmic hospitals and clinics in this particular region.

Major market player included in this report are:

PIXIUM VISION

Aetna Inc.

Nano Retina

Samsara Vision, Inc.

Ramsay Health Care UK

Carl Zeiss AG

Johnson & Johnson Vision Care, Inc

STAAR Surgical

MORCHER GmbH

Vivani Medical Inc.

Recent Developments in the Market:

? In July 2022, Nidek Co., Ltd. acquired 90% shares of Nidek Medical S.R.L. This acquisition will help the company to increase the success between Nidek Medical and Nidek.

? In September 2021, Bionic Vision Technologies announced a strategic partnership with Cirtec Medical company, a U.S. medical technology company. With this partnership, Cirtec will assist Bionic Vision Technologies to develop and manufacture the next-generation bionic eye system.

Global Artificial Retina Market Report Scope:

Historical Data 2019-2020-2021

Base Year for Estimation 2021

Forecast period 2022-2029

Report Coverage Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered Product, Disease indication, End user, Region

Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World

Customization Scope Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Product Type:

Epiretinal Implants

Suprachoroidal Implants

Subretinal Implants

Others

By Disease indication:

Retinitis Pigmentosa

Age-Related Macular Degeneration (AMD)

By End user

Ophthalmic Centers

Hospitals

Research Institutes

Multi-Specialty Hospitals

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
Rest of the World

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