

# **Europe Bionic Eye Market By Technology (Electronic and Mechanical), By End Use (Hospitals, Eye Clinics and Other End uses), By Type (Implanted Eye and External Eye), By Country, Industry Analysis and Forecast, 2020 - 2026**

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## **Abstracts**

The Europe Bionic Eye Market would witness market growth of 13.4% CAGR during the forecast period (2020-2026).

A wireless telemetry system is developed to eradicate the need for transcranial wires. In Bionic Eye, external hardware is connected that capture images, process them, and create instructions that are transmitted to the implanted circuit through a telemetry link. So Bionic Eye has been developed as a wearable external system that captures and processes the image, this system is accompanied by the implanted circuitry. A bionic eye is different from the prosthetic eye. In prosthetic eyes, the main organ is replaced by the physical structure. while in Bionic eye implants, don't require removal of the organ, it works along with the existing eye structures. They are designed in such a way to restore the functional vision of the eye.

Different models of the bionic eye have been developed that target different areas of the visual pathway. Presently, only retinal implants have got approval and bionic eyes are commercially available. Although cataract surgery and cornea transplants are the surgical processes that can replace the cornea and lens if the cornea becomes clouded or lens are unable to focus light.

Based on Technology, the market is segmented into Electronic and Mechanical. Based on End Use, the market is segmented into Hospitals, Eye Clinics and Other End uses. Based on Type, the market is segmented into Implanted Eye and External Eye. Based on countries, the market is segmented into Germany, UK, France, Russia, Spain, Italy, and Rest of Europe.

The market research report covers the analysis of key stake holders of the market. Key companies profiled in the report include Second Sight Medical Products, Inc., Pixium Vision S.A., Nidek Co., Ltd., Optobionics Corporation, Biomedical Technologies S.L., Bionic Vision Technologies Pty. Ltd., Monash Vision Group, The Bionic Eye (The Bionic Group), Nano Retina Ltd. and iBionics.

## Scope of the Study

### Market Segmentation:

#### By Technology

- Electronic

- Mechanical

#### By End Use

- Hospitals

- Eye Clinics

- Other End uses

#### By Type

- Implanted Eye

- External Eye

#### By Country

- Germany

- UK

France

Russia

Spain

Italy

Rest of Europe

### Companies Profiled

Second Sight Medical Products, Inc.

Pixium Vision S.A.

Nidek Co., Ltd.

Optobionics Corporation

Biomedical Technologies S.L.

Bionic Vision Technologies Pty. Ltd.

Monash Vision Group

The Bionic Eye (The Bionic Group)

Nano Retina Ltd.

iBionics

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## Contents

### **CHAPTER 1. MARKET SCOPE & METHODOLOGY**

- 1.1 Market Definition
- 1.2 Objectives
- 1.3 Market Scope
- 1.4 Segmentation
  - 1.4.1 Europe Bionic Eye Market, by Technology
  - 1.4.2 Europe Bionic Eye Market, by End Use
  - 1.4.3 Europe Bionic Eye Market, by Type
  - 1.4.4 Europe Bionic Eye Market, by Country
- 1.5 Methodology for the research

### **CHAPTER 2. MARKET OVERVIEW**

- 2.1 Introduction
  - 2.1.1 Overview
  - 2.1.2 Market Composition and Scenario
- 2.2 Key Factors Impacting the Market
  - 2.2.1 Market Drivers
  - 2.2.2 Market Restraints

### **CHAPTER 3. EUROPE BIONIC EYE MARKET BY TECHNOLOGY**

- 3.1.1.1 Europe Electronic Market by Country
    - 3.1.1.2 Europe Mechanical Market by Country

### **CHAPTER 4. EUROPE BIONIC EYE MARKET BY END-USE**

- 4.1 Europe Hospitals Market by Country
- 4.2 Europe Eye Clinics Market by Country
- 4.3 Europe Other End uses Market by Country

### **CHAPTER 5. EUROPE BIONIC EYE MARKET BY TYPE**

- 5.1 Europe Implanted Eye Bionic Eye Market by Country
- 5.2 Europe External Eye Bionic Eye Market by Country

## **CHAPTER 6. EUROPE BIONIC EYE MARKET BY COUNTRY**

- 6.1 Germany Bionic Eye Market
  - 6.1.1 Germany Bionic Eye Market by Technology
  - 6.1.2 Germany Bionic Eye Market by End-use
  - 6.1.3 Germany Bionic Eye Market by Type
- 6.2 UK Bionic Eye Market
  - 6.2.1 UK Bionic Eye Market by Technology
  - 6.2.2 UK Bionic Eye Market by End-use
  - 6.2.3 UK Bionic Eye Market by Type
- 6.3 France Bionic Eye Market
  - 6.3.1 France Bionic Eye Market by Technology
  - 6.3.2 France Bionic Eye Market by End-use
  - 6.3.3 France Bionic Eye Market by Type
- 6.4 Russia Bionic Eye Market
  - 6.4.1 Russia Bionic Eye Market by Technology
  - 6.4.2 Russia Bionic Eye Market by End-use
  - 6.4.3 Russia Bionic Eye Market by Type
- 6.5 Spain Bionic Eye Market
  - 6.5.1 Spain Bionic Eye Market by Technology
  - 6.5.2 Spain Bionic Eye Market by End-use
  - 6.5.3 Spain Bionic Eye Market by Type
- 6.6 Italy Bionic Eye Market
  - 6.6.1 Italy Bionic Eye Market by Technology
  - 6.6.2 Italy Bionic Eye Market by End-use
  - 6.6.3 Italy Bionic Eye Market by Type
- 6.7 Rest of Europe Bionic Eye Market
  - 6.7.1 Rest of Europe Bionic Eye Market by Technology
  - 6.7.2 Rest of Europe Bionic Eye Market by End-use
  - 6.7.3 Rest of Europe Bionic Eye Market by Type

## **CHAPTER 7. COMPANY PROFILES**

- 7.1 Second Sight Medical Products, Inc.
  - 7.1.1 Company Overview
  - 7.1.2 Financial Analysis
  - 7.1.3 Research & Development Expenses
  - 7.1.4 Recent strategies and developments:
    - 7.1.4.1 Geographical Expansions:

- 7.2 Pixium Vision S.A.
  - 7.2.1 Company Overview
  - 7.2.2 Financial Analysis
  - 7.2.3 Research & Development Expenses
  - 7.2.4 Recent strategies and developments:
    - 7.2.4.1 Approvals:
- 7.3 Nidek Co., Ltd.
  - 7.3.1 Company Overview
- 7.4 Optobionics Corporation
  - 7.4.1 Company Overview
- 7.5 Biomedical Technologies S.L.
  - 7.5.1 Company Overview
- 7.6 Bionic Vision Technologies Pty. Ltd.
  - 7.6.1 Company Overview
- 7.7 Monash Vision Group
  - 7.7.1 Company Overview
- 7.8 The Bionic Eye (The Bionic Group)
  - 7.8.1 Company Overview
- 7.9 Nano Retina Ltd.
  - 7.9.1 Company Overview
- 7.10. iBionics
  - 7.10.1 Company Overview

## List Of Tables

### LIST OF TABLES

TABLE 1 EUROPE BIONIC EYE MARKET, 2016 - 2019, USD MILLION

TABLE 2 EUROPE BIONIC EYE MARKET, 2020 - 2026, USD MILLION

TABLE 3 EUROPE BIONIC EYE MARKET BY TECHNOLOGY, 2016 - 2019, USD MILLION

TABLE 4 EUROPE BIONIC EYE MARKET BY TECHNOLOGY, 2020 - 2026, USD MILLION

TABLE 5 EUROPE ELECTRONIC MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 6 EUROPE ELECTRONIC MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 7 EUROPE MECHANICAL MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 8 EUROPE MECHANICAL MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 9 EUROPE BIONIC EYE MARKET BY END-USE, 2016 - 2019, USD MILLION

TABLE 10 EUROPE BIONIC EYE MARKET BY END-USE, 2020 - 2026, USD MILLION

TABLE 11 EUROPE HOSPITALS MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 12 EUROPE HOSPITALS MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 13 EUROPE EYE CLINICS MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 14 EUROPE EYE CLINICS MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 15 EUROPE OTHER END USES MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 16 EUROPE OTHER END USES MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 17 EUROPE BIONIC EYE MARKET BY TYPE, 2016 - 2019, USD MILLION

TABLE 18 EUROPE BIONIC EYE MARKET BY TYPE, 2020 - 2026, USD MILLION

TABLE 19 EUROPE IMPLANTED EYE BIONIC EYE MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 20 EUROPE IMPLANTED EYE BIONIC EYE MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 21 EUROPE EXTERNAL EYE BIONIC EYE MARKET BY COUNTRY, 2016 -



2019, USD MILLION

TABLE 22 EUROPE EXTERNAL EYE BIONIC EYE MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 23 EUROPE BIONIC EYE MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 24 EUROPE BIONIC EYE MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 25 GERMANY BIONIC EYE MARKET, 2016 - 2019, USD MILLION

TABLE 26 GERMANY BIONIC EYE MARKET, 2020 - 2026, USD MILLION

TABLE 27 GERMANY BIONIC EYE MARKET BY TECHNOLOGY, 2016 - 2019, USD MILLION

TABLE 28 GERMANY BIONIC EYE MARKET BY TECHNOLOGY, 2020 - 2026, USD MILLION

TABLE 29 GERMANY BIONIC EYE MARKET BY END-USE, 2016 - 2019, USD MILLION

TABLE 30 GERMANY BIONIC EYE MARKET BY END-USE, 2020 - 2026, USD MILLION

TABLE 31 GERMANY BIONIC EYE MARKET BY TYPE, 2016 - 2019, USD MILLION

TABLE 32 GERMANY BIONIC EYE MARKET BY TYPE, 2020 - 2026, USD MILLION

TABLE 33 UK BIONIC EYE MARKET, 2016 - 2019, USD MILLION

TABLE 34 UK BIONIC EYE MARKET, 2020 - 2026, USD MILLION

TABLE 35 UK BIONIC EYE MARKET BY TECHNOLOGY, 2016 - 2019, USD MILLION

TABLE 36 UK BIONIC EYE MARKET BY TECHNOLOGY, 2020 - 2026, USD MILLION

TABLE 37 UK BIONIC EYE MARKET BY END-USE, 2016 - 2019, USD MILLION

TABLE 38 UK BIONIC EYE MARKET BY END-USE, 2020 - 2026, USD MILLION

TABLE 39 UK BIONIC EYE MARKET BY TYPE, 2016 - 2019, USD MILLION

TABLE 40 UK BIONIC EYE MARKET BY TYPE, 2020 - 2026, USD MILLION

TABLE 41 FRANCE BIONIC EYE MARKET, 2016 - 2019, USD MILLION

TABLE 42 FRANCE BIONIC EYE MARKET, 2020 - 2026, USD MILLION

TABLE 43 FRANCE BIONIC EYE MARKET BY TECHNOLOGY, 2016 - 2019, USD MILLION

TABLE 44 FRANCE BIONIC EYE MARKET BY TECHNOLOGY, 2020 - 2026, USD MILLION

TABLE 45 FRANCE BIONIC EYE MARKET BY END-USE, 2016 - 2019, USD MILLION

TABLE 46 FRANCE BIONIC EYE MARKET BY END-USE, 2020 - 2026, USD MILLION

TABLE 47 FRANCE BIONIC EYE MARKET BY TYPE, 2016 - 2019, USD MILLION

TABLE 48 FRANCE BIONIC EYE MARKET BY TYPE, 2020 - 2026, USD MILLION

TABLE 49 RUSSIA BIONIC EYE MARKET, 2016 - 2019, USD MILLION

TABLE 50 RUSSIA BIONIC EYE MARKET, 2020 - 2026, USD MILLION

TABLE 51 RUSSIA BIONIC EYE MARKET BY TECHNOLOGY, 2016 - 2019, USD MILLION

TABLE 52 RUSSIA BIONIC EYE MARKET BY TECHNOLOGY, 2020 - 2026, USD MILLION

TABLE 53 RUSSIA BIONIC EYE MARKET BY END-USE, 2016 - 2019, USD MILLION

TABLE 54 RUSSIA BIONIC EYE MARKET BY END-USE, 2020 - 2026, USD MILLION

TABLE 55 RUSSIA BIONIC EYE MARKET BY TYPE, 2016 - 2019, USD MILLION

TABLE 56 RUSSIA BIONIC EYE MARKET BY TYPE, 2020 - 2026, USD MILLION

TABLE 57 SPAIN BIONIC EYE MARKET, 2016 - 2019, USD MILLION

TABLE 58 SPAIN BIONIC EYE MARKET, 2020 - 2026, USD MILLION

TABLE 59 SPAIN BIONIC EYE MARKET BY TECHNOLOGY, 2016 - 2019, USD MILLION

TABLE 60 SPAIN BIONIC EYE MARKET BY TECHNOLOGY, 2020 - 2026, USD MILLION

TABLE 61 SPAIN BIONIC EYE MARKET BY END-USE, 2016 - 2019, USD MILLION

TABLE 62 SPAIN BIONIC EYE MARKET BY END-USE, 2020 - 2026, USD MILLION

TABLE 63 SPAIN BIONIC EYE MARKET BY TYPE, 2016 - 2019, USD MILLION

TABLE 64 SPAIN BIONIC EYE MARKET BY TYPE, 2020 - 2026, USD MILLION

TABLE 65 ITALY BIONIC EYE MARKET, 2016 - 2019, USD MILLION

TABLE 66 ITALY BIONIC EYE MARKET, 2020 - 2026, USD MILLION

TABLE 67 ITALY BIONIC EYE MARKET BY TECHNOLOGY, 2016 - 2019, USD MILLION

TABLE 68 ITALY BIONIC EYE MARKET BY TECHNOLOGY, 2020 - 2026, USD MILLION

TABLE 69 ITALY BIONIC EYE MARKET BY END-USE, 2016 - 2019, USD MILLION

TABLE 70 ITALY BIONIC EYE MARKET BY END-USE, 2020 - 2026, USD MILLION

TABLE 71 ITALY BIONIC EYE MARKET BY TYPE, 2016 - 2019, USD MILLION

TABLE 72 ITALY BIONIC EYE MARKET BY TYPE, 2020 - 2026, USD MILLION

TABLE 73 REST OF EUROPE BIONIC EYE MARKET, 2016 - 2019, USD MILLION

TABLE 74 REST OF EUROPE BIONIC EYE MARKET, 2020 - 2026, USD MILLION

TABLE 75 REST OF EUROPE BIONIC EYE MARKET BY TECHNOLOGY, 2016 - 2019, USD MILLION

TABLE 76 REST OF EUROPE BIONIC EYE MARKET BY TECHNOLOGY, 2020 - 2026, USD MILLION

TABLE 77 REST OF EUROPE BIONIC EYE MARKET BY END-USE, 2016 - 2019, USD MILLION

TABLE 78 REST OF EUROPE BIONIC EYE MARKET BY END-USE, 2020 - 2026, USD MILLION

TABLE 79 REST OF EUROPE BIONIC EYE MARKET BY TYPE, 2016 - 2019, USD

MILLION

TABLE 80 REST OF EUROPE BIONIC EYE MARKET BY TYPE, 2020 - 2026, USD  
MILLION

TABLE 81 KEY INFORMATION – SECOND SIGHT MEDICAL PRODUCTS, INC.

TABLE 82 KEY INFORMATION – PIXIUM VISION S.A.

TABLE 83 KEY INFORMATION – NIDEK CO., LTD.

TABLE 84 KEY INFORMATION – OPTOBIONICS CORPORATION

TABLE 85 KEY INFORMATION – BIOMEDICAL TECHNOLOGIES S.L.

TABLE 86 KEY INFORMATION – BIONIC VISION TECHNOLOGIES PTY. LTD.

TABLE 87 KEY INFORMATION – MONASH VISION GROUP

TABLE 88 KEY INFORMATION – THE BIONIC EYE

TABLE 89 KEY INFORMATION – NANO RETINA LTD.

TABLE 90 KEY INFORMATION – IBIONICS

## List Of Figures

### LIST OF FIGURES

FIG 1 METHODOLOGY FOR THE RESEARCH

## I would like to order

Product name: Europe Bionic Eye Market By Technology (Electronic and Mechanical), By End Use (Hospitals, Eye Clinics and Other End uses), By Type (Implanted Eye and External Eye), By Country, Industry Analysis and Forecast, 2020 - 2026

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