

# Global Dural Biological Patch Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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## Abstracts

According to our (Global Info Research) latest study, the global Dural Biological Patch market size was valued at US\$ 672 million in 2023 and is forecast to a readjusted size of USD 1012 million by 2030 with a CAGR of 5.9% during review period.

A dural biological patch is made from natural biological materials such as collagen, animal-derived tissues, and extracellular matrices. These patches are used in neurosurgery to repair or reconstruct the dura mater. They promote tissue regeneration and are often preferred for their biological compatibility and ability to integrate with the surrounding tissue.

### Biocompatibility and Healing:

Biological dural patches are preferred in situations where tissue regeneration and optimal healing are required. The ability of these patches to integrate seamlessly with human tissue is a significant driver for their use in complex brain and spinal surgeries.

### Increasing Prevalence of Neurological Disorders:

The rising incidence of neurological conditions, including traumatic brain injuries, brain tumors, and spinal cord injuries, is pushing the demand for dural repair materials like biological patches.

### Personalized Medicine and Regenerative Medicine:

Advances in regenerative medicine are enhancing the development of biological dural patches, particularly with regard to tissue regeneration and the reduction of rejection rates.

### Expanding Neurosurgery Markets in Developing Countries:

As the healthcare infrastructure in emerging markets continues to develop, there is a growing demand for advanced, biocompatible surgical products like biological dural patches.

**Risk of Disease Transmission:**

Although extensively screened, biological materials sourced from animals can carry a risk of disease transmission, which may deter some healthcare providers from using these products in certain surgeries.

**Focus on Safety and Efficacy:**

The ongoing research in tissue engineering and biological materials aims to further enhance the safety, efficacy, and long-term outcomes of biological dural patches.

This report is a detailed and comprehensive analysis for global Dural Biological Patch market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2024, are provided.

**Key Features:**

Global Dural Biological Patch market size and forecasts, in consumption value (\$ Million), sales quantity (Pcs), and average selling prices (US\$/Pc), 2019-2030

Global Dural Biological Patch market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Pcs), and average selling prices (US\$/Pc), 2019-2030

Global Dural Biological Patch market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Pcs), and average selling prices (US\$/Pc), 2019-2030

Global Dural Biological Patch market shares of main players, shipments in revenue (\$ Million), sales quantity (Pcs), and ASP (US\$/Pc), 2019-2024

**The Primary Objectives in This Report Are:**

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Dural Biological Patch

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Dural Biological Patch market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Integra LifeSciences, Tianxinfu Medical

Appliance, Medtronic, B. Braun, Johnson & Johnson, Baxter, Zhenghai Bio-Tech, Guanhao Biotech, Cook Medical, Regenity, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

## **Market Segmentation**

Dural Biological Patch market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

- Bovine Derived Materials
- Porcine Derived Materials
- Other

Market segment by Application

- Public Hospital
- Private Hospital

Major players covered

- Integra LifeSciences
- Tianxinfu Medical Appliance
- Medtronic
- B. Braun
- Johnson & Johnson
- Baxter
- Zhenghai Bio-Tech
- Guanhao Biotech
- Cook Medical
- Regenity
- Balance Medical
- YH Biomax
- Bonsci Technology
- Bioscience Healing Biological
- Cingular Biotechnology

## **Market segment by region, regional analysis covers**

North America (United States, Canada, and Mexico)  
Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)  
Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)  
South America (Brazil, Argentina, Colombia, and Rest of South America)  
Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

**The content of the study subjects, includes a total of 15 chapters:**

Chapter 1, to describe Dural Biological Patch product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Dural Biological Patch, with price, sales quantity, revenue, and global market share of Dural Biological Patch from 2019 to 2024.

Chapter 3, the Dural Biological Patch competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Dural Biological Patch breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2019 to 2024. and Dural Biological Patch market forecast, by regions, by Type, and by Application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Dural Biological Patch.

Chapter 14 and 15, to describe Dural Biological Patch sales channel, distributors, customers, research findings and conclusion.

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