

# **Global Microsurgery Market Size Study & Forecast, by Product Type (Operating Microscopes, Other Microsurgical Instruments), by Application (Spine & Neuro Surgery, Ophthalmology Surgery, Plastic Surgery, Otolaryngology Surgery, Other Surgery), by End-user (Hospitals and ASCs, Specialty Clinics, Others), and Regional Analysis, 2023-2030**

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## **Abstracts**

Global Microsurgery Market is valued at approximately USD 2.23 billion in 2022 and is anticipated to grow with a healthy growth rate of more than 5.2% during the forecast period 2023-2030. Microsurgery is a specialized surgical approach that employs magnification devices such as microscopes and fine instruments to perform highly precise procedures on small structures within the body. Utilizing high-powered microscopes, surgeons gain a detailed view of intricate anatomical features, enabling meticulous manipulation of delicate tissues, nerves, and blood vessels. This technique is utilized in application across various medical disciplines, including plastic surgery, neurosurgery, ophthalmology, and vascular surgery. Microsurgery is essential for tasks such as tissue transplantation, nerve repair, and vascular anastomosis, playing a crucial role in achieving improved surgical outcomes with minimal tissue damage. The growing prevalence of these surgeries in hospitals and specialized clinics, coupled with an increasing demand for reconstructive and tissue transplant procedures, is anticipated to drive the demand for microsurgeries. A report from the Aesthetic Plastic Surgery National Databank in April 2022, there is around 54% increase in cosmetic surgeries in 2021 compared to 2020. Additionally, ongoing research and development initiatives aimed at creating innovative tools and microscopes for microsurgeries are poised to stimulate the global Microsurgery Market's growth.

In addition, the rising inclination towards minimally invasive surgeries is directly associated with the demand for microsurgery. The preference for minimally invasive surgeries, which require microsurgical precision, fuels the growth of the Microsurgery Market. According to Statista, the minimally invasive surgery market worldwide accounted for nearly USD 20.5 billion in 2019. Also, the amount is projected to grow and is likely to reach around USD 44.04 billion by 2030. Thus, these aforementioned factors are propelling the growth of the Microsurgery Market over the estimated period. Moreover, the technological advancements in microsurgeries, as well as supportive regulatory frameworks and approvals for microsurgical devices and techniques present various lucrative opportunities over the forecast years. However, the high cost of equipment and the limited availability of skilled surgeons are challenging the market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Microsurgery Market study include Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. North America dominated the market in 2022 owing to the high presence of key market players and the increasing prevalence of chronic and lifestyle-related diseases. Moreover, manufacturers are directing their initiatives towards the commercialization, advancement, and distribution of sophisticated products such as microsurgery equipment, addressing the requirements of healthcare professionals and surgeons. Whereas, Asia Pacific is expected to grow at the highest CAGR over the forecast years. The rising disposable income, increased GDP growth, improved accessibility to healthcare, and escalating geriatric population are significantly propelling the market demand across the region.

Major market players included in this report are:

Olympus Corp.

Leica Microsystems

B. Braun Melsungen Inc.

Accurate Surgical & Scientific Instruments Corp.

Surtex Instruments Ltd.

Scanlan International Inc.

Carl Zeiss AG

KLS Martin Group

Topcon Corp.

Integra LifeSciences

#### Recent Developments in the Market:

In October 2021, Leica Microsystems unveiled the introduction of the latest iteration of its M320 dental microscope, featuring ultra-high-resolution imaging coupled with an integrated camera. This product aimed to elevate the results of dental treatments and enhance the comfort of dentists during their procedures.

In September 2020, Aesculap, Inc. and True Digital Surgery announced the launch of the Aesculap Aeos Robotic Digital Microscope in the United States, allowing surgeons to perform precise motions during certain surgical procedures including spine, ear, nose, and throat operations.

In August 2020, Surtex Equipment Limited announced the launch of its new tool for searching equipment for surgical and dental operations with its new website including high-definition photos and thorough product descriptions.

#### Global Microsurgery Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

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

Segments Covered - Product Type, Application, End-user, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle

## East & Africa

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:

Operating Microscopes

Other Microsurgical Instruments

### By Application:

Spine & Neuro Surgery

Ophthalmology Surgery

Plastic Surgery

Otolaryngology Surgery

Other Surgery

### By End-user:

Hospitals and ASCs

Specialty Clinics

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

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

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