

The Market for Minimally Invasive Medical Devices

Market Research Report | 2023-07-19 | 145 pages | BCC Research

AVAILABLE LICENSES:

- Single User License \$5500.00
- 2-5 Users License \$6600.00
- Site License \$7920.00
- Enterprise License \$9504.00

Report description:

Description

Report Scope:

This report on minimally invasive medical devices is segmented based on equipment types, application types and end users.

A detailed analysis illustrating market dynamics and market structure is incorporated in the report. A Porter's Five Forces analysis and the supply and distribution chain are discussed in detail for an in-depth market understanding. The report covers the current regulations and guidelines for minimally invasive medical devices. The report includes top market players detailing their business operations, segment focus, revenue, and strategy analysis. Market share analysis of leading market players, product launches, and pipeline products are also captured in the information.

Regarding geography, the reports analyze the market across North America, Europe, and Asia-Pacific. Key countries like the U.S., Canada, Mexico, Europe (top five countries), China, India, and Japan are discussed due to the high concentration of minimally invasive medical device manufacturing companies and contract manufacturing organizations in these countries.

The base year for market data is 2022, with historical data for 2020 and forecast data for 2028. Historical, base year and forecast data are provided for each market segment of the report.

Report Includes:

- 21 data tables and 26 additional tables
- An up-to-date overview and industry analysis of the global markets for minimally invasive medical surgical devices and instruments within the industry

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- Analyses of the global market trends, with historical market revenue data (sales figures) for 2020-2022, estimates for 2023, and projections of compound annual growth rates (CAGRs) through 2028
- Estimation of the current market size and revenue growth forecast for the global minimally invasive medical devices market in USD million values, and corresponding market share analysis based on equipment type, application, end user, and region
- Identification of the segments of main types of minimally invasive devices and instruments that have been commercialized till date
- Analysis of historical and current volume and value of shipments of each of these product segments in specified end user and geographic markets
- Updated information on key market drivers and opportunities, industry shifts and regulations, and other region and industry specific macroeconomic variables that will influence this market in the coming years (2023-2028)
- Identification of promising new surgical procedures and products still in the development and testing stage and assess their probability of successful commercialization in the next 5 years
- A look at the leading device manufacturers and analyze the structure of the minimally invasive surgical devices industry (e.g., market shares, concentration and recent merger and acquisition (M&A) activity)
- Discussion of the current state of minimally invasive medical surgical devices and instruments, commercialized and pipeline products, regulations and standards, as well as key industry aspects
- Review of the key patent grants and patent applications on minimally invasive medical surgical devices and instruments
- Identification of the major stakeholders and analysis of the competitive landscape based on recent developments and segmental revenues
- Descriptive company profiles of the leading global players of the industry, including 3M, Abbott, Danaher Corp., Johnson & Johnson and Olympus Corp.

Executive Summary

Summary:

The benefits of minimally invasive surgical procedures, such as fewer severe operative and post-operative problems and quicker recovery times, drive the demand for minimally invasive surgical instruments in the global market. In addition, the growing prevalence of chronic disorders is also driving the growth of the international minimally invasive surgical instruments market. As per the World Health Organization (WHO), statistics report for 2021, non-communicable disorders, often known as chronic disorders, kill around 41 million people yearly, accounting for roughly 71% of all deaths worldwide. According to the same source, non-communicable infections claim the lives of nearly 15 million people aged 30 to 69 years old every year around the globe. Thus, the rising burden of non-communicable diseases drives the demand for minimally invasive surgical operations. This directly impacts the global minimally invasive surgical instruments market expansion over the forecast period.

Minimally invasive surgeries (MIS) are considered less traumatic than conventional open surgeries because these open surgeries are performed with traditional laparoscopic instruments, which makes them complex. Minimally invasive laparoscopic cameras are generally inserted with small, specialized tools through small incisions. Patients tend to recover faster after these procedures with lesser pain when compared with another form of surgery.

The significantly lower cost of minimally invasive surgical procedures, compared with in-patient and conventional open surgeries resulting in equal outcomes, is one of the major factors driving the growth of the minimally invasive surgical instruments market. Technological developments-especially in cardiac, ophthalmic, neurological, orthopedic and oral surgical procedures-result in higher-quality instruments offering better efficiency, accelerating the minimally invasive surgical instruments market growth. The introduction of surgical robots and their acceptance by surgeons across the globe further influence this market. Additionally, growth in the aging population, rising awareness among the people regarding the benefits of minimally invasive surgeries over traditional open surgeries, surge in healthcare expenditure and increase in demand for the surgery positively affect the minimally

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

invasive surgical instruments market. Furthermore, enhanced product designs provide control and accuracy in the operating room, and the rise in public-private initiatives to support research activities extend profitable opportunities to market players in the forecast period.

The global market for minimally invasive medical devices was valued at \$REDACTED billion in 2022. The market is forecast to grow at a compound annual growth rate (CAGR) of REDACTED% to reach \$REDACTED billion in 2028. In this report, the global market is segmented by type and region. By type, the market is segmented into equipment, applications and end users.

Table of Contents:

Table of Contents

Chapter 1 Introduction

Study Goals and Objectives

Reasons for Doing This Study

What's New in This Update?

Scope of Report

Information Sources and Methodology

Secondary Research

Primary Research

Research Methodology

Geographic Breakdown

Chapter 2 Summary and Highlights

Market Outlook

Chapter 3 Market and Technology Background

General Description

History of Minimally Invasive Surgery

Endoscopy

Insufflation

Specialized Surgical Instruments

Minimally Invasive Surgical Procedures

Surgical Robotics

Medical Lasers

Principal Applications of Minimally Invasive Surgery

Market Drivers

Increasing Prevalence of Surgery

Increase in Minimally Invasive Surgeries

Increasing Expenditures for Healthcare

Increasing Geriatric Population

Market Restraints

High Cost of Surgical Navigation Systems

Regulatory Guidelines and Product Recall

Increased Time for the Overall Procedure Using Navigation Systems Impacting Penetration

Opportunities

Technological Advancements

Medical Tourism Aiding Market Penetration in Emerging Markets

Impact of COVID-19 on Market for Surgical Navigation Systems

Impact of COVID-19 Pandemic on Revenue of Major Surgical Navigation System Manufacturers

Impact of Russia-Ukraine War on the Market for Surgical Systems

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Chapter 4 Market Breakdown by Equipment Type
Device and Equipment Segments
Market Size
MIS Device Design Trends
Visualization Technology
User-Centered Design in MIS Devices
Forecast for MIS Devices
Chapter 5 Market Breakdown by Application and End User
Application Segments
Market Size
Gastrointestinal Surgery
Gynecology
Urology
Cosmetic Surgery
Thoracic Surgery
Cardiothoracic Surgery
Noncardiac Vascular Interventional Surgery
Orthopedic Surgery
Product Types
Monitoring/Visualization Equipment
Robotically Assisted Surgical Systems
Electrosurgical Equipment
Mechanical Instruments
Auxiliary Equipment
Surgical Devices
End-User Market
Chapter 6 Emerging Technologies
Developments
Adaptation of Minimally Invasive Techniques to New Types of Surgical Procedures
Natural Orifice Transluminal Endoscopic Surgery
Demographic and Economic Trends
Changing Structure of the Healthcare Industry
Long-Term Outlook for Minimally Invasive Surgical Devices and Equipment
Chapter 7 Evaluation of the Market Based on Region
Overview of the Geographical Distribution of the Market
North America
Europe
Asia-Pacific
Rest of the World
United States
European Union (EU)
Japan
Other Countries
Chapter 8 Patents
Chapter 9 Competitive Landscape
Mergers, Acquisitions, and Collaborations
Company Market Shares

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Chapter 10 Company Profiles

3M

ABBOTT

B. BRAUN MELSUNGEN AG

BAXTER

BECTON, DICKINSON AND CO.

BIO-RAD LABORATORIES INC.

BOSTON SCIENTIFIC CORP.

CARDINAL HEALTH

DANAHER CORP.

DRAGERWERK AG & CO. KGAA

F. HOFFMANN-LA ROCHE LTD.

INTEGRA LIFESCIENCES HOLDINGS CORP.

JOHNSON & JOHNSON SERVICES INC.

MEDTRONIC

OLYMPUS CORP.

ZIMMER BIOMET

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

The Market for Minimally Invasive Medical Devices

Market Research Report | 2023-07-19 | 145 pages | BCC Research

To place an Order with Scotts International:

- ☐ - Print this form
- ☐ - Complete the relevant blank fields and sign
- ☐ - Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Single User License	\$5500.00
	2-5 Users License	\$6600.00
	Site License	\$7920.00
	Enterprise License	\$9504.00
		VAT
		Total

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	<input type="text" value="2025-06-26"/>
		Signature	

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com



Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com
www.scotts-international.com