

Minimally Invasive Surgical (MIS) Devices - Market Insight, Competitive Landscape and Market Forecast - 2027

Medical Market (7-10 Business Days) | 2022-07-01 | 100 pages | DelveInsight

AVAILABLE LICENSES:

- Single User Price \$2750.00
- Site License Price \$5500.00
- Enterprise Price \$8250.00

Report description:

Minimally Invasive Surgical (MIS) Devices Market By Device Type (Electrosurgical Devices, Endoscopes [Laparoscopes, Neuroendoscopy Systems, And Others], Inflation Devices, Handheld Instruments, Surgical Robotic Systems, And Others), By Application (Cosmetic, Orthopedic, Neurological, Gynecological, Cardiovascular, And Others), By End User (Hospitals, Ambulatory Surgical Centers, And Others), and by geography is estimated to grow at a healthy CAGR forecast till 2027 due to rising prevalence of various cancers such as lung & breast cancers, and growing technological advancements resulting in the development of surgical robotic systems

Global MIS devices market was valued at USD 28,873.25 million in 2021, growing at a CAGR of 7.38% during the forecast period from 2022 to 2027, in order to reach USD 42,499 million by 2027. The MIS devices market is witnessing a positive market growth owing to the factors such as rising prevalence of various cancers such as lung cancer which accounted for the highest number of cancer-related deaths and highest cancer incidence in 2021, and other indications such as cardiovascular diseases, and neurodegenerative diseases among others. Furthermore, the presence of factors such as growth in aging population wherein age plays a key role in the development of various indications is another factor driving the growth of the MIS devices market.

Moreover, the technological advancements in product development such as the development of surgical robots is further driving the MIS devices market as new products are gaining regulatory approvals and are entering the market.

Minimally Invasive Surgical (MIS) Devices Market Dynamics:

One of the key aspects driving the MIS devices market can be attributed to the surge in cancer incidence. The GLOBOCAN 2022, study conducted by the International Agency for Research on Cancer mentioned that in 2020, an estimated number of 19.3 million new cancer cases (18.1 million excluding non-melanoma skin cancer) and approximately 10.0 million cancer deaths were reported globally. The source mentioned above also stated that in 2020, lung cancer was the main cause accounting for the highest number (1.4 million) of cases followed by prostate (14.1%), colorectum (10.6%), stomach (7.1%), and liver (6.3%) cancers. Cancer, being a debilitating disease, requires extensive treatment in order to treat cancerous cells. Surgery is often a recommended mode of treatment wherein minimally invasive surgery such as single incision laparoscopic surgery, endoscopic endonasal surgery, and minimal-incision thyroidectomy are some of the minimally invasive surgical approaches that are employed

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

in the treatment of cancers which make use of various devices specifically devised to conduct the procedure in a minimally invasive way. Thus, the growing need for MIS devices of various types can be attributed to the increasing cancer incidence that may require surgical intervention as one of the treatment approaches. Therefore, all the aforementioned factors are projected to contribute to the growing demand for MIS devices, ultimately boosting the growth of the global MIS devices market. Additionally, MIS approaches such as surgical robotic systems are gaining popularity owing to their precision and minimal invasion of the surrounding anatomy. Furthermore, surgical robotic systems are being preferred by surgeons for conducting numerous surgical procedures due to aided benefits of precision and accuracy and better chances of reproducing positive surgical outcomes which further helps in faster recovery for patients. In general, the advantages associated with minimally invasive surgery such as fewer incisions resulting in less trauma to patients, faster healing time, significantly less hospitalization time, among others have made MIS approaches a popular option among surgeons and patients. Therefore, the MIS devices market is slated to register remarkable growth during the forecast period (2022-2027) owing to the factors mentioned above. However, equipment used in MIS surgery being expensive as well as limited availability of skilled surgeons may prove to be challenging factors for MIS devices market growth.

The MIS devices market was negatively impacted by the implementation of measures to curb the spread of the COVID-19 infection. In order to cater to the exigency created by the COVID-19 pandemic, all other medical specialties witnessed a reduction in patient load. For instance, according to Cancer Research UK (2021), in the UK alone, urgent lung cancer referrals fell up to 75% during the first lockdown. This did not correlate to the decrease in cases, but that fewer people sought and obtained the diagnosis they urgently needed. Unfortunately, these trends were prominent across countries around the globe. With the suspension of a large number of elective procedures, numerous MIS surgeries were also postponed during the COVID-19 pandemic. Nevertheless, the market for MIS devices is on a period of recovery owing to devising of strategies to resume healthcare services across the globe thereby presenting a positive future outlook for MIS devices market during the forecast period from 2022-2027.

Minimally Invasive Surgical (MIS) Devices Market Segment Analysis:

MIS Devices Market by Device Type (Electrosurgical Devices, Endoscopes [Laparoscopes, Neuroendoscopy Systems, and Others], Inflation Devices, Handheld Instruments, Surgical Robotic Systems, and Others), by Application (Cosmetic, Orthopedic, Neurological, Gynecological, Cardiovascular, and Others), by End User (Hospitals, Ambulatory Surgical Centers, and Others), and by Geography (North America, Europe, Asia-Pacific, and Rest of the World)

In the device type segment of the MIS devices market, the surgical robotic systems are estimated to account for the significant revenue share in the year 2021. This can be attributed to the advantages offered by the surgical robotic systems in carrying out minimally invasive surgery. Surgical robots offer accuracy, stability, integration with modern imaging technology, greater range of motion, telesurgery, in addition to multiple other benefits exclusive to individual surgical specialties. These systems further help in overcoming challenges such as limited line of sight in endoscopy systems. These systems include ZEUS, AESOP, da Vinci systems that offer surgeons technologically advanced hand skills and visions. Considering the advantages associated with these systems, there has been an extensive focus on new product development and market approvals. For instance, in November 2021, Brain Navi Biotechnology, a Taiwan-based company received the CE (Conformite Europeenne) Mark for their NaoTrac, a robotic-assisted surgical robot.

Thus, owing to the factors stated above, this device type category is expected to witness a considerable growth eventually contributing the overall growth of the global MIS devices market during the forecast period.

North America is expected to dominate the overall Minimally Invasive Surgery (MIS) Devices Market:

Among all the regions, North America is estimated to account for the dominant share in the MIS devices market. Owing to significance of key growth factors such as growing prevalence of various cancers, increasing prevalence of degenerative bone disorders, and rising government initiatives regarding disease treatment awareness, the North America MIS devices market is expected to register positive growth. Furthermore, high disposable income, sophisticated healthcare infrastructure, new product approvals, and high awareness also helped the market growth in this region.

One of the key supporting factors for the growth of the North America MIS devices market is the increasing incidence of traumatic brain injury (TBI) as well as cancers in the United States. According to the data cited by the Centers for Disease Control and

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

Prevention (CDC) 2022, in 2020, near about 64,362 TBI-related deaths and 223,135 TBI-related hospitalizations reported in 2019. In addition to the fact stated above, as per the figures mentioned by the American Cancer Society, in 2021, it was estimated that 1.9 million new cancer cases would have been diagnosed in the United States. Further, the data provided by the Centers for Disease Control and Prevention (2021), in 2018, 1,708,921 new cases of cancers were reported in the United States. For instance, the American Cancer Society estimates that in 2022, approximately 287,850 new cases of invasive breast cancer are expected to be diagnosed in women in the United States. TBIs are more commonly treated with minimally invasive approaches such as neuroendoscopy among others. Therefore, the increasing incidence of cancers such as breast cancer along with other cancer types as well as the incidence of traumatic brain injury in the country is expected to further drive the demand for MIS devices thereby contributing in the growth of the United States MIS devices market along with the overall growth of the North America MIS devices market.

Therefore, the presence of large patient pool, and extensive insurance coverage also motivates patients to opt for surgical interventions in the country which further is contributing in the demand for minimally invasive surgical devices such as robot-assisted surgical systems. For instance, a South Korea-based company, Koh Young Technology Inc is planning to launch a neurosurgical robotics system in the US market by 2022 after it receives the approval from the US Food and Drug Administration. Thus, all the factors mentioned above collectively contribute in the local demand for products ultimately driving the United States MIS devices market in the forecast period.

Minimally Invasive Surgical (MIS) Devices Market Key Players:

Some of the key market players operating in the MIS devices market include Abbott, Olympus, Intuitive Surgical Inc, Stryker, JOHNSON & JOHNSON MEDICAL DEVICES COMPANIES, Medtronic, Boston Scientific Corporation, CONMED Corporation, KARL STORZ GmbH, CooperSurgical, Inc., Cook, AngioDynamics, FUJIFILM Corporation, Symmetry Surgical Inc, B. Braun Melsungen AG, BD, Shenzhen Mindray Bio-Medical Electronics Co., Ltd, Zimmer Biomet, Richard Wolf GmbH, Microport Scientific Corporation others.

Recent Developmental Activities in Minimally Invasive Surgical (MIS) Devices Market:

? In November, 2021, Shanghai MicroPort MedBot (Group) Co., Ltd. (MicroPort? MedBot) recently attended the 28th National Seminar for Laparoscopic Surgery Demonstration, to launch their DFVision? 3D Electronic Laparoscope (DFVision?).

? In October 2021, Medtronic received the CE (Conformite Europeenne) Mark for their Hugo? robotic-assisted surgery (RAS) system thereby enabling Medtronic to access European market for this device. The device received the approval for gynecologic and urological procedure.

? In May 2019, Olympus launched the ESG- 150 Electrosurgery Generator (ESG-150) after receiving product approval from the US Food and Drug Administration.

Key Takeaways from the Minimally Invasive Surgical (MIS) Devices Market Report Study

? Market size analysis for current MIS devices market size (2021), and market forecast for 5 years (2022-2027)

? The effect of the COVID-19 pandemic on this market is significant. To capture and analyze suitable indicators, our experts are closely watching the MIS devices market.

? Top key product/services/technology developments, merger, acquisition, partnership, joint venture happened for last 3 years

? Key companies dominating the global MIS devices market.

? Various opportunities available for the other competitors in the MIS devices market space.

? What are the top performing segments in 2021? How these segments will perform in 2027.

? Which is the top-performing regions and countries in the current MIS devices market scenario?

? Which are the regions and countries where companies should have concentrated on opportunities for MIS devices market growth in the coming future?

Target Audience who can be benefited from this Minimally Invasive Surgical (MIS) Devices Market Report Study

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

- ? MIS devices products providers
- ? Research organizations and consulting companies
- ? MIS devices -related organizations, associations, forums, and other alliances
- ? Government and corporate offices
- ? Start-up companies, venture capitalists, and private equity firms
- ? Distributors and traders dealing in MIS devices
- ? Various end-users who want to know more about the MIS devices market and latest technological developments in the MIS devices market.

Frequently Asked Questions for Minimally Invasive Surgical (MIS) Devices Market:

1. What is MIS Devices?

Minimally invasive surgical (MIS) devices are surgical devices that are designed to be compatible with devices used in minimally invasive surgery.

2. What is the global market for MIS Devices?

Global MIS devices market was valued at USD 28,873.25 million in 2021, growing at a CAGR of 7.38% during the forecast period from 2022 to 2027, in order to reach USD 42,499 million by 2027.

3. What are the drivers for Global MIS Devices Market?

The MIS devices market is witnessing a positive market growth owing to the factors such as rising prevalence of various cancers such as lung cancer which accounted for the highest number of cancer-related deaths and highest cancer incidence in 2021, and other indications such as cardiovascular diseases, and neurodegenerative diseases among others. Furthermore, the presence of factors such as growth in aging population wherein age plays a key role in the development of various indications is another factor driving the growth of the MIS devices market. Moreover, the technological advancements in product development such as the development of surgical robots is further driving the MIS devices market as new products are gaining regulatory approvals and are entering the market.

4. Who are the key players operating in Global MIS Devices Market?

Some of the key market players operating in the MIS devices market include Abbott, Olympus, Intuitive Surgical Inc, Stryker, JOHNSON & JOHNSON MEDICAL DEVICES COMPANIES, Medtronic, Boston Scientific Corporation, CONMED Corporation, KARL STORZ GmbH, CooperSurgical, Inc., Cook, AngioDynamics, FUJIFILM Corporation, Symmetry Surgical Inc, B. Braun Melsungen AG, BD, Shenzhen Mindray Bio-Medical Electronics Co., Ltd, Zimmer Biomet, Richard Wolf GmbH, Microport Scientific Corporation others.

5. Which region has the highest share in MIS Devices Market?

North America is expected to hold the highest share in the revenue in the MIS Devices market during the forecast period. Owing to significance of key growth factors such as rising growing prevalence of cancers, increasing prevalence of degenerative bone disorders, and rising government initiatives regarding disease treatment awareness, the North America MIS devices market is expected to register positive growth. Furthermore, high disposable income, sophisticated healthcare infrastructure, new product approvals, and high awareness also helped the market growth in this region.?

Table of Contents:

- 1.MIS Devices Market Report Introduction
- 2.MIS Devices Market Executive Summary
 - 2.1. Scope of the Study
 - 2.2. Market at Glance
 - 2.3. Competitive Assessment
- 3. Regulatory and Patent Analysis
 - 3.1. The United States
 - 3.2. Europe
 - 3.3. Japan

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

- 3.4. China
- 4. MIS Devices Market Key Factors Analysis
 - 4.1. MIS Devices Market Drivers
 - 4.1.1. Increasing Incidence of Various Diseases such as Cardiovascular Diseases and Cancers
 - 4.1.2. Growing Popularity of MIS Surgery
 - 4.1.3. Technological Advancements in Product Development
 - 4.2. MIS Devices Market Restraints and Challenges
 - 4.2.1. Limited Availability of Skilled Professionals
 - 4.2.2. High Cost of MIS Devices
 - 4.3. MIS Devices Market Opportunities
 - 4.3.1. Improving Affordability of MIS Devices
 - 4.3.2. Improving Skillset of Surgeons
- 5. MIS Devices Market Porter's Five Forces Analysis
 - 5.1. Bargaining Power of Suppliers
 - 5.2. Bargaining Power of Consumers
 - 5.3. Threat of New Entrants
 - 5.4. Threat of Substitutes
 - 5.5. Competitive Rivalry
- 6. COVID-19 Impact Analysis on MIS Devices Market
- 7. MIS Devices Market Layout
 - 7.1. By Device Type
 - 7.1.1. Electrosurgical Devices
 - 7.1.2. Endoscopes
 - 7.1.2.1. Laparoscopes
 - 7.1.2.2. Neuroendoscopy Systems
 - 7.1.2.3. Others
 - 7.1.3. Inflation Devices
 - 7.1.4. Handheld Instruments
 - 7.1.5. Surgical Robotic Systems
 - 7.1.6. Others
 - 7.2. By Application
 - 7.2.1. Cosmetic
 - 7.2.2. Orthopedic
 - 7.2.3. Neurological
 - 7.2.4. Gynecological
 - 7.2.5. Cardiovascular
 - 7.2.6. Others
 - 7.3. By End User
 - 7.3.1. Hospitals
 - 7.3.2. Ambulatory Surgical Centers
 - 7.3.3. Others
 - 7.4. By Geography
 - 7.4.1. North America
 - 7.4.1.1. North America MIS Devices Market, by Country
 - 7.4.1.4.1. United States
 - 7.4.1.4.2. Canada
 - 7.4.1.4.3. Mexico

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

- 7.4.2. Europe
 - 7.4.2.1. Europe MIS Devices Market, by Country
 - 7.4.2.4.1. France
 - 7.4.2.4.2. Germany
 - 7.4.2.4.3. United Kingdom
 - 7.4.2.4.4. Italy
 - 7.4.2.4.5. Spain
 - 7.4.2.2.6. Russia
 - 7.4.2.2.7. Rest of Europe
 - 7.4.3. Asia-Pacific
 - 7.4.3.1. Asia-Pacific MIS Devices Market, by Country
 - 7.4.3.4.1. China
 - 7.4.3.4.2. Japan
 - 7.4.3.4.3. India
 - 7.4.3.4.4. Australia
 - 7.4.3.4.5. South Korea
 - 7.4.3.4.6. Rest of Asia Pacific
 - 7.4.4. Rest of the World (RoW)
 - 7.4.4.1. RoW MIS Devices Market, by Region
 - 7.4.4.4.1. Middle East
 - 7.4.4.4.2. Africa
 - 7.4.4.4.3. South America
- 8. MIS Devices Market Global Company Share Analysis - Key 3-5 Companies
- 9. MIS Devices Market Company and Product Profiles
 - 9.1. Abbott
 - 9.1.1. Company Overview
 - 9.1.2. Company Snapshot
 - 9.1.3. Financial Overview
 - 9.1.4. Product Listing
 - 9.1.5. Entropy
 - 9.2. Olympus
 - 9.2.1. Company Overview
 - 9.2.2. Company Snapshot
 - 9.2.3. Financial Overview
 - 9.2.4. Product Listing
 - 9.2.5. Entropy
 - 9.3. Intuitive Surgical Inc
 - 9.3.1. Company Overview
 - 9.3.2. Company Snapshot
 - 9.3.3. Financial Overview
 - 9.3.4. Product Listing
 - 9.3.5. Entropy
 - 9.4. Stryker
 - 9.4.1. Company Overview
 - 9.4.2. Company Snapshot
 - 9.4.3. Financial Overview
 - 9.4.4. Product Listing

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

- 9.4.5. Entropy
- 9.5. JOHNSON & JOHNSON MEDICAL DEVICES COMPANIES
 - 9.5.1. Company Overview
 - 9.5.2. Company Snapshot
 - 9.5.3. Financial Overview
 - 9.5.4. Product Listing
 - 9.5.5. Entropy
- 9.6. Medtronic
 - 9.6.1. Company Overview
 - 9.6.2. Company Snapshot
 - 9.6.3. Financial Overview
 - 9.6.4. Product Listing
 - 9.6.5. Entropy
- 9.7. Boston Scientific Corporation
 - 9.7.1. Company Overview
 - 9.7.2. Company Snapshot
 - 9.7.3. Financial Overview
 - 9.7.4. Product Listing
 - 9.7.5. Entropy
- 9.8. CONMED Corporation
 - 9.8.1. Company Overview
 - 9.8.2. Company Snapshot
 - 9.8.3. Financial Overview
 - 9.8.4. Product Listing
 - 9.8.5. Entropy
- 9.9. KARL STORZ GmbH
 - 9.9.1. Company Overview
 - 9.9.2. Company Snapshot
 - 9.9.3. Financial Overview
 - 9.9.4. Product Listing
 - 9.9.5. Entropy
- 9.10. CooperSurgical Inc
 - 9.10.1. Company Overview
 - 9.10.2. Company Snapshot
 - 9.10.3. Financial Overview
 - 9.10.4. Product Listing
 - 9.10.5. Entropy
- 9.11. Cook
 - 9.11.1. Company Overview
 - 9.11.2. Company Snapshot
 - 9.11.3. Financial Overview
 - 9.11.4. Product Listing
 - 9.11.5. Entropy
- 9.12. AngioDynamics
 - 9.12.1. Company Overview
 - 9.12.2. Company Snapshot
 - 9.12.3. Financial Overview

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

- 9.12.4. Product Listing
- 9.12.5. Entropy
- 9.13. FUJIFILM Corporation
 - 9.13.1. Company Overview
 - 9.13.2. Company Snapshot
 - 9.13.3. Financial Overview
 - 9.13.4. Product Listing
 - 9.13.5. Entropy
- 9.14. Symmetry Surgical Inc
 - 9.14.1. Company Overview
 - 9.14.2. Company Snapshot
 - 9.14.3. Financial Overview
 - 9.14.4. Product Listing
 - 9.14.5. Entropy
- 9.15. B. Braun Melsungen AG
 - 9.15.1. Company Overview
 - 9.15.2. Company Snapshot
 - 9.15.3. Financial Overview
 - 9.15.4. Product Listing
 - 9.15.5. Entropy
- 9.16. BD
 - 9.16.1. Company Overview
 - 9.16.2. Company Snapshot
 - 9.16.3. Financial Overview
 - 9.16.4. Product Listing
 - 9.16.5. Entropy
- 9.17. Shenzhen Mindray Bio-Medical Electronics Co., Ltd
 - 9.17.1. Company Overview
 - 9.17.2. Company Snapshot
 - 9.17.3. Financial Overview
 - 9.17.4. Product Listing
 - 9.17.5. Entropy
- 9.18. Zimmer Biomet
 - 9.18.1. Company Overview
 - 9.18.2. Company Snapshot
 - 9.18.3. Financial Overview
 - 9.18.4. Product Listing
 - 9.18.5. Entropy
- 9.19. Richard Wolf GmbH
 - 9.19.1. Company Overview
 - 9.19.2. Company Snapshot
 - 9.19.3. Financial Overview
 - 9.19.4. Product Listing
 - 9.19.5. Entropy
- 9.20. Microport Scientific Corporation
 - 9.20.1. Company Overview
 - 9.20.2. Company Snapshot

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

- 9.20.3. Financial Overview
- 9.20.4. Product Listing
- 9.20.5. Entropy
- 10. KOL Views
- 11. Project Approach
- 12. About DelveInsight
- 13. Disclaimer & Contact Us

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

Minimally Invasive Surgical (MIS) Devices - Market Insight, Competitive Landscape and Market Forecast - 2027

Medical Market (7-10 Business Days) | 2022-07-01 | 100 pages | DelveInsight

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 Price	\$2750.00
	Site License Price	\$5500.00
	Enterprise Price	\$8250.00
		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="2026-03-16"/>
		Signature	

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

