

Surgical Imaging Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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Report description:

The global surgical imaging market size reached US\$ 6.1 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 8.9 Billion by 2028, exhibiting a growth rate (CAGR) of 6% during 2023-2028.

Surgical imaging is used in diagnosing, planning, intraoperative navigation, and post-operative evaluation of patients with certain medical conditions. It relies on numerous medical modalities, including fluoroscopy, ultrasound, X-rays, computed tomography (CT), magnetic resonance imaging (MRI), magnetic resonance (MR) guided radiation therapy, and radionuclide techniques. These modalities provide vital information, which enables clinicians to perform intricate surgical procedures accurately with improved ergonomics, increased efficiency, and enhanced safety. In recent years, technological advancements have resulted in the development of miniaturized spectral imaging sensors that can operate in multispectral imaging (MSI) and hyperspectral imaging (HSI) regimes.

Surgical Imaging Market Trends:

Nowadays, healthcare and medical institutions are seeking new methodologies and technological advancements in surgical and imaging management systems for better patient care and disease diagnosis. This, in confluence with the rising number of individuals with chronic diseases that require surgical intervention, represents one of the key factors impelling the market growth. In addition, the growing incidences of cardiovascular and neurological disorders among the geriatric population are catalyzing the need for surgical procedures and imaging techniques. Besides this, as the risk of injury is generally higher in contact, collision, and adventure sports, the rising participation of people in professional sports is resulting in the incorporation of mini c-arms and other diagnostic imaging modalities in clinics for sports medicine. Apart from this, the introduction of advanced imaging technologies, such as radiography, nuclear medicine, and visible light, is assisting in providing critical data, increasing patient safety, limiting radiation exposure, and improving surgical outcomes. It also facilitates the development of accurate, highly detailed images, which further help make personalized treatment plans and offer reliable, predictable outcomes for patients.

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Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global surgical imaging market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on technology type, modality type, application and end user.

Breakup by Technology Type:

Image Intensifier

Flat Panel Detector (FPD)

Breakup by Modality Type:

Mobile C-Arms

Mini C-Arms

Others

Breakup by Application:

Neurosurgery

Orthopedic and Trauma Surgery

Cardiovascular

General Surgery

Others

Breakup by End User:

Hospitals

Surgery Centers and Clinics

Breakup by Region:

North America

United States

Canada

Asia-Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany

France

United Kingdom

Italy

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Spain
Russia
Others
Latin America
Brazil
Mexico
Others
Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being Canon Medical Systems Corporation, General Electric Company, Geonoray Co. Ltd., Hologic Inc., Koninklijke Philips N.V., Medtronic Plc, Primax International Srl, Prognosys Medical Systems Private Limited, Shimadzu Corporation, Siemens Aktiengesellschaft, Trivitron Healthcare Pvt. Ltd, Whale Imaging Inc. and Ziehm Imaging GmbH (Aton GmbH).

Key Questions Answered in This Report

1. What was the size of the global surgical imaging market in 2022?
2. What is the expected growth rate of the global surgical imaging market during 2023-2028?
3. What are the key factors driving the global surgical imaging market?
4. What has been the impact of COVID-19 on the global surgical imaging market?
5. What is the breakup of the global surgical imaging market based on the technology type?
6. What is the breakup of the global surgical imaging market based on the application?
7. What is the breakup of the global surgical imaging market based on end user?
8. What are the key regions in the global surgical imaging market?
9. Who are the key players/companies in the global surgical imaging market?

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