

**India Thoracic Surgical Devices Market By Product (Endoscope, Electrosurgery, Hand Instruments, Access Instrument, Surgical Stapling Devices, Robotic Surgical System, Stents Graft, Thoracic Surgery Devices, Vessel Sealing Devices, Accessories), By Indication (Lung Cancer, Lymphoma, Mediastinal Tumors, Others), By End User (Hospitals & Clinics, Ambulatory Surgery Centers, Others), By Region, Competition, Forecast & Opportunities, 2020-2030F**

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**Report description:****Market Overview**

India Thoracic Surgical Devices Market was valued at USD 550.41 Million in 2024 and is anticipated to project impressive growth in the forecast period with a CAGR of 5.88% through 2030.

The India Thoracic Surgical Devices Market refers to the industry focused on the development, manufacturing, and distribution of surgical devices specifically designed for thoracic surgery within India. Thoracic surgery, a specialized branch of surgery, involves intricate operations on organs located in the chest cavity, including the heart, lungs, and esophagus. These surgical devices play a crucial role in assisting surgeons during various thoracic procedures, ensuring optimal patient outcomes. The range of devices utilized in thoracic surgery is diverse, encompassing an array of innovative technologies. These include stents, catheters, heart-lung machines, and even sophisticated surgical robots. Stents help to maintain open airways, while catheters aid in draining fluids or delivering medications to specific areas.

Heart-lung machines provide temporary support to the heart and lungs during surgery, ensuring uninterrupted blood circulation and oxygenation. Surgical robots, on the other hand, enable surgeons to perform complex procedures with enhanced precision and control. The India Thoracic Surgical Devices Market is a dynamic and rapidly evolving sector within the healthcare industry.

With advancements in technology and increasing awareness about thoracic diseases, the demand for innovative surgical devices is expected to continue growing in the Indian market.

#### Key Market Drivers

##### Increase In the Incidence Of Thoracic Diseases

The increase in the incidence of thoracic diseases is undeniably fueling the demand for thoracic surgical devices. Thoracic diseases encompass a wide range of conditions affecting the chest and thoracic cavity, including lung cancer, pleural effusion, pulmonary infections, and thoracic trauma. Lung cancer, one of the most prevalent thoracic diseases, continues to be a global health crisis. The growing incidence of lung cancer, often linked to smoking and environmental factors, drives the demand for surgical devices used in lung resection and minimally invasive thoracic surgery. India is witnessing a sharp rise in thoracic diseases, especially chronic respiratory conditions like COPD and asthma. The country accounts for a significant share of global deaths from these diseases and leads the world in lung disease-related mortality. With an estimated 55.23 million COPD cases, India has the highest burden globally, highlighting an urgent need for improved respiratory care and disease management. Many thoracic diseases require intricate surgical interventions. Procedures like lobectomy, pneumonectomy, and mediastinal surgery demand specialized devices such as staplers, energy devices, and advanced imaging systems to ensure precise and safe surgeries. The increase in the incidence of thoracic diseases, particularly lung cancer and age-related conditions, is a major driver of the demand for thoracic surgical devices. These devices are indispensable for performing complex thoracic surgeries, adopting minimally invasive techniques, and ensuring the best possible outcomes for patients facing thoracic diseases. As healthcare continues to prioritize thoracic health, the demand for innovative and patient-centered thoracic surgical devices is expected to persist and evolve.

#### Key Market Challenges

##### High Cost of Thoracic Surgery Devices

The high cost of thoracic surgical devices can indeed act as a significant deterrent, decreasing the demand for these crucial medical tools. Thoracic surgical procedures are often complex and require specialized instruments and equipment. The cost implications associated with these devices are substantial and can influence various stakeholders, including patients, healthcare providers, and healthcare facilities. The high upfront cost of thoracic surgical devices can impose a significant financial burden on patients, particularly those without comprehensive health insurance coverage. This financial strain may deter individuals from undergoing thoracic surgeries or influence their choice of healthcare providers and facilities. Healthcare facilities, especially in resource-constrained environments, may face challenges in procuring and maintaining expensive thoracic surgical devices. The high cost can lead to limited availability and accessibility of these devices in certain healthcare settings.

Patients and healthcare providers may explore alternative treatment options, such as radiation therapy or chemotherapy, which may be perceived as more cost-effective than thoracic surgical procedures, particularly for cases where surgery is not the primary treatment choice.

#### Key Market Trends

##### Growing Geriatric Population

The growing geriatric population worldwide is undeniably increasing the demand for thoracic surgical devices. For instance, India's geriatric population grew rapidly, with projections indicating a significant increase in the coming decades. As of recent estimates, about 10.5% of the population was aged 60 years or older, and this figure was expected to double by 2050. According to the United Nations Population Fund (UNFPA), the elderly population was projected to rise from 149 million in 2022 to 347 million by 2050. As individuals age, they become more susceptible to a range of thoracic conditions, including lung cancer, chronic obstructive pulmonary disease (COPD), and pleural diseases. With advancing age, individuals are at a higher risk of developing thoracic diseases, particularly lung cancer and respiratory conditions. The prevalence of these conditions rises significantly among the elderly population, necessitating surgical interventions that employ thoracic surgical devices for diagnosis and treatment.

Many thoracic conditions become more complex and challenging to manage as individuals age. Surgical procedures to address these conditions, such as lung resections and mediastinal surgeries, often require specialized devices and equipment to ensure precision and safety. The elderly population increasingly prefers surgical interventions for thoracic conditions due to their potential to offer improved quality of life and survival outcomes. As a result, there is a higher demand for thoracic surgical devices that support these procedures.

The development of minimally invasive techniques has made thoracic surgeries more accessible and tolerable for elderly patients. Specialized devices designed for minimally invasive procedures, such as video-assisted thoracoscopic surgery (VATS), are in greater demand among the geriatric population.

#### Key Market Players

- India Medtronic Pvt. Ltd.
- Olympus Medical Systems India Pvt Ltd.
- Richard Wolf India Private Limited
- Boston Scientific India Private Limited
- Johnson & Johnson Ltd
- CONMED DEVICES PVT. LTD.
- Philips India Limited
- Biolitec India Pvt. Ltd.
- Genuine Medica Pvt. Ltd.

#### Report Scope:

In this report, the India Thoracic Surgical Devices Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

##### -□India Thoracic Surgical Devices Market, By Product:

- o Endoscope
- o Electrosurgery
- o Hand Instruments
- o Access Instrument
- o Surgical Stapling Devices
- o Robotic Surgical System
- o Stents Graft
- o Thoracic Surgery Devices
- o Vessel Sealing Devices
- o Accessories

##### -□India Thoracic Surgical Devices Market, By Indication:

- o Lung Cancer
- o Lymphoma
- o Mediastinal tumours
- o Others

##### -□India Thoracic Surgical Devices Market, By End User:

- o Hospitals & Clinics
- o Ambulatory Surgery Centers
- o Others

##### -□ India Thoracic Surgical Devices Market, By Region:

- o North
- o South
- o West
- o East

#### Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the India Thoracic Surgical Devices Market.

#### Available Customizations:

India Thoracic Surgical Devices Market report with the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

#### Company Information

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-□Detailed analysis and profiling of additional market players (up to five).

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