

Lung Stent Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2025 - 2034

Market Report | 2025-01-02 | 140 pages | Global Market Insights

AVAILABLE LICENSES:

- Single User \$4850.00
- Multi User \$6050.00
- Enterprise User \$8350.00

Report description:

The Global Lung Stent Market, valued at USD 161.7 million in 2024, is projected to experience a robust growth rate of 9.3% CAGR from 2025 to 2034. This rapid market expansion can be attributed to several factors, including the rising prevalence of chronic respiratory diseases, advancements in minimally invasive procedures, and a surge in investments aimed at developing innovative medical technologies. Respiratory conditions are becoming more widespread, driven by factors like air pollution, smoking, and sedentary lifestyles. These conditions have led to an increased demand for lung stents, as they play a crucial role in maintaining airway patency and improving breathing for patients suffering from blockages caused by tumors, infections, or congenital abnormalities.

Lung stents are increasingly recognized for their ability to improve patient outcomes by offering effective solutions for airway management. As healthcare systems evolve, there is a growing shift toward minimally invasive treatments that provide quicker recovery times, reduced complications, and lower healthcare costs. Technological advancements have made lung stents more adaptable to various airway anatomies, and the integration of artificial intelligence-driven imaging and navigation systems has further enhanced the precision of stent placement. This technological integration is paving the way for better treatment outcomes and success rates. Additionally, the aging global population is more vulnerable to respiratory diseases, contributing to a higher demand for such medical devices. Government initiatives supporting advanced respiratory care and favorable reimbursement policies are also fueling the market's growth.

The lung stent market is divided into three product types: tracheal, bronchial, and laryngeal stents. The tracheal stents segment led the market with USD 111.9 million in 2024. Their widespread use in treating severe airway obstructions has made them the most preferred choice among healthcare providers. These stents offer immediate relief in cases of critical respiratory blockages, ensuring uninterrupted airflow and significantly reducing the risk of complications. As a result, tracheal stents are commonly used in both emergency and planned procedures.

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

Device type segmentation includes self-expandable and balloon-expandable stents. The self-expandable stents segment generated USD 126.5 million in 2024 and is expected to grow at a CAGR of 9.4% between 2025 and 2034. These stents are favored for their ease of deployment and their ability to conform to complex airway structures. Upon placement, self-expandable stents automatically expand, cutting down procedural time and ensuring accurate positioning. Their reliability and efficiency make them especially valuable in emergency scenarios where quick restoration of airflow is critical.

In the U.S., the lung stent market reached USD 63.6 million in 2024 and is anticipated to grow at a CAGR of 8.8% through 2034. The U.S. continues to dominate the global market, thanks to its advanced healthcare infrastructure, high incidence of lung diseases, and increasing focus on minimally invasive treatments. The integration of cutting-edge technologies, such as AI-driven imaging, is improving the precision of stent placements, further bolstering the country's leading position in this sector. Supportive government policies and reimbursement frameworks are also contributing significantly to the U.S. market's growth trajectory.

Table of Contents:

Report Content

Chapter 1 Methodology and Scope

1.1 Market scope and definitions

1.2 Research design

1.2.1 Research approach

1.2.2 Data collection methods

1.3 Base estimates and calculations

1.3.1 Base year calculation

1.3.2 Key trends for market estimation

1.4 Forecast model

1.5 Primary research and validation

1.5.1 Primary sources

1.5.2 Data mining sources

Chapter 2 Executive Summary

2.1 Industry 360 synopsis

Chapter 3 Industry Insights

3.1 Industry ecosystem analysis

3.2 Industry impact forces

3.2.1 Growth drivers

3.2.1.1 Rising prevalence of lung cancer

3.2.1.2 Growing incidence of COPD and post-tuberculosis stenosis

3.2.1.3 Increasing investments by the public and private organizations for the development of non-vascular stents

3.2.1.4 Growing preference for minimally invasive surgeries for respiratory disorders

3.2.2 Industry pitfalls and challenges

3.2.2.1 Availability of alternative substitute treatment

3.2.2.2 Stringent regulations

3.3 Growth potential analysis

3.4 Pricing analysis, 2024

3.5 Regulatory landscape

3.6 Reimbursement scenario

3.7 Technology landscape

3.8 Pipeline analysis

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

3.9	Porter's analysis
3.10	PESTEL analysis
Chapter 4 Competitive Landscape, 2024	
4.1	Introduction
4.2	Company matrix analysis
4.3	Company market share analysis
4.4	Competitive analysis of major market players
4.5	Competitive positioning matrix
4.6	Strategy dashboard
Chapter 5 Market Estimates and Forecast, By Product, 2021 - 2034 (\$ Mn)	
5.1	Key trends
5.2	Tracheal stents
5.3	Bronchial stents
5.4	Laryngeal stents
Chapter 6 Market Estimates and Forecast, By Device Type, 2021 - 2034 (\$ Mn)	
6.1	Key trends
6.2	Self-expandable
6.3	Balloon-expandable
Chapter 7 Market Estimates and Forecast, By Material, 2021 - 2034 (\$ Mn)	
7.1	Key trends
7.2	Silicone
7.3	Metal
7.3.1	Stainless steel
7.3.2	Nitinol
7.4	Hybrid
Chapter 8 Market Estimates and Forecast, By Patient, 2021 - 2034 (\$ Mn)	
8.1	Key trends
8.2	Adult
8.3	Pediatric
Chapter 9 Market Estimates and Forecast, By End Use, 2021 - 2034 (\$ Mn)	
9.1	Key trends
9.2	Hospitals
9.3	Ambulatory surgical centers
9.4	Other end users
Chapter 10 Market Estimates and Forecast, By Region, 2021 - 2034 (\$ Mn)	
10.1	Key trends
10.2	North America
10.2.1	U.S.
10.2.2	Canada
10.3	Europe
10.3.1	Germany
10.3.2	UK
10.3.3	France
10.3.4	Spain
10.3.5	Italy
10.3.6	Netherlands
10.4	Asia Pacific

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

- 10.4.1 China
- 10.4.2 Japan
- 10.4.3 India
- 10.4.4 Australia
- 10.4.5 South Korea
- 10.5 Latin America
 - 10.5.1 Brazil
 - 10.5.2 Mexico
 - 10.5.3 Argentina
- 10.6 Middle East and Africa
 - 10.6.1 South Africa
 - 10.6.2 Saudi Arabia
 - 10.6.3 UAE
- Chapter 11 Company Profiles
 - 11.1 Boston Medical Products
 - 11.2 Boston Scientific
 - 11.3 HEALTH MICROPORT MEDICAL
 - 11.4 COOK GROUP
 - 11.5 EFER ENDOSCOPY
 - 11.6 HOOD LABORATORIES
 - 11.7 mi-TECH
 - 11.8 MERIT MEDICAL
 - 11.9 MICRO-TECH ENDOSCOPY
 - 11.10 NOVATECH
 - 11.11 STENING
 - 11.12 TaeWoong MEDICAL
 - 11.13 Teleflex

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

Lung Stent Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2025 - 2034

Market Report | 2025-01-02 | 140 pages | Global Market Insights

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	\$4850.00
	Multi User	\$6050.00
	Enterprise User	\$8350.00
		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 style="width: 95%;" type="text"/>	Phone*	<input style="width: 95%;" type="text"/>
First Name*	<input style="width: 95%;" type="text"/>	Last Name*	<input style="width: 95%;" type="text"/>
Job title*	<input style="width: 95%;" type="text"/>		
Company Name*	<input style="width: 95%;" type="text"/>	EU Vat / Tax ID / NIP number*	<input style="width: 95%;" type="text"/>
Address*	<input style="width: 95%;" type="text"/>	City*	<input style="width: 95%;" type="text"/>
Zip Code*	<input style="width: 95%;" type="text"/>	Country*	<input style="width: 95%;" type="text"/>
		Date	<input style="width: 95%;" type="text" value="2025-05-12"/>
		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