

Rigid Endoscopic Lithotripsy Devices Market Report Provides Insights Into Market Evolution And Growth Prospects

The Business Research Company's Rigid Endoscopic Lithotripsy Devices Market Report 2026 – Market Size, Trends, And Global Forecast 2026-2035

LONDON, GREATER LONDON, UNITED KINGDOM, August 28, 2026

/EINPresswire.com/ -- "The [rigid endoscopic lithotripsy devices market](#)

has experienced significant growth recently, driven by advances in medical technology and increasing clinical demand. This sector plays a crucial role in minimally invasive treatments for kidney stones and other urinary tract conditions. Let's explore the current market size, key factors pushing its expansion, and regional trends shaping its future trajectory.

[Rigid Endoscopic Lithotripsy Devices Market Size](#) and Expected Growth

The market for rigid endoscopic lithotripsy devices has shown impressive growth over recent years. It is projected to increase from \$4.3 billion in 2025 to \$4.62 billion in 2026, representing a compound annual growth rate (CAGR) of 7.5%. Looking ahead, this market is expected to expand further, reaching \$6.11 billion by 2030 with a CAGR of 7.2%. The growth seen historically is driven by the rising prevalence of kidney stones, greater adoption of endoscopic procedures, shorter recovery times after surgery, growth in urology-related treatments, and expanding hospital infrastructure.

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Technology Advancements and Market Drivers Shaping Future Growth

Innovation in laser technologies and a growing number of outpatient procedures are key drivers behind projected market expansion. Additionally, an aging global population and an increase in lifestyle-related stone diseases are contributing to higher demand for these devices. The forecast period also highlights trends such as a growing preference for minimally invasive stone treatments, wider adoption of laser lithotripsy, increased use within ambulatory surgical centers,



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a focus on making devices smaller and more efficient, and growth in day-care urology procedures.

Understanding Rigid Endoscopic Lithotripsy Devices and Their Function

Rigid endoscopic lithotripsy devices are specialized medical instruments utilized to fragment kidney stones or other calculi within the urinary tract through minimally invasive methods. These devices are inserted via a rigid endoscope to reach the stones and employ energy sources like lasers, ultrasonic waves, or pneumatic forces to break the stones into smaller fragments. This process facilitates easier stone removal or allows the fragments to pass naturally.

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Bladder Cancer's Impact on the Rigid Endoscopic Lithotripsy Devices Market

An important factor propelling the rigid endoscopic lithotripsy devices market is the increasing occurrence of bladder cancer. This malignancy originates in the bladder lining and commonly causes symptoms such as blood in urine, frequent urination, and pelvic discomfort. The rise in bladder cancer cases is linked to greater exposure to carcinogens including smoking, industrial chemicals, and environmental pollutants, alongside an aging population and enhanced diagnostic methods. Rigid endoscopic lithotripsy devices are vital for treating bladder stones and complications arising from bladder cancer, such as obstructions and irritation. They also assist in removing residual tumors and preventing recurrence. For example, in March 2024, the Cancer Facts & Figures 2024 report by The American Cancer Society projected bladder cancer diagnoses in the U.S. to rise from 81,180 new cases in 2022 to 83,190 in 2024, underlining the growing need for these devices.

Increasing Healthcare Spending Supports Market Expansion for Rigid Endoscopic Lithotripsy Devices

Another significant growth driver for the market is rising healthcare expenditure, which enables more investment in advanced surgical equipment and minimally invasive procedures. Healthcare expenditure encompasses the total financial resources allocated to medical treatments, hospital care, medications, and health initiatives by governments, businesses, and individuals. The global rise in chronic diseases, which often require long-term and costly care, has contributed to increased healthcare spending. This, in turn, boosts hospital and clinic budgets, facilitating the acquisition and wider adoption of rigid endoscopic lithotripsy devices. For instance, in May 2024, the UK's Office for National Statistics reported a 5.6% nominal increase in total healthcare expenditure for 2023, marking a 0.9% growth compared to 2022. Such trends underscore how expanding healthcare budgets are fostering market growth.

Regional Market Trends in Rigid Endoscopic Lithotripsy Devices

In 2025, North America was the leading region in the [global rigid endoscopic lithotripsy devices market](#). The market report covers multiple regions including Asia-Pacific, South East Asia,

Western Europe, Eastern Europe, North America, South America, the Middle East, and Africa, providing a comprehensive view of global market dynamics and regional variations in growth opportunities.

Our latest 2026 market reports provide expanded strategic and visual intelligence with market attractiveness scoring and analysis, total addressable market (TAM) analysis, company scoring matrix graphics and tables, Excel-based forecasting dashboards, market hotspots infographics, key technologies and future trend analysis, together with updated graphics and tables.

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