

# Rheolytic Thrombectomy Market Forecast Report Featuring Segment Analysis And Strategic Industry Insight

*The Business Research Company's  
Rheolytic Thrombectomy Market Forecast  
Report Featuring Segment Analysis And  
Strategic Industry Insight*

LONDON, GREATER LONDON, UNITED  
KINGDOM, July 22, 2026

/EINPresswire.com/ -- "The rheolytic  
thrombectomy market is rapidly

gaining attention as a critical solution in managing blood clot-related conditions. With advances in medical technology and a growing number of patients requiring effective clot removal, this market shows promising growth potential. Let's explore the current market size, driving factors, key regional insights, and emerging trends shaping this field.



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Expected to grow to \$1.9  
billion in 2030 at a  
compound annual growth  
rate (CAGR) of 10.9%"

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[Rheolytic Thrombectomy Market Size](#) and Growth Outlook

The market for rheolytic thrombectomy has experienced significant expansion recently. It is projected to increase from \$1.14 billion in 2025 to \$1.26 billion in 2026, reflecting a healthy compound annual growth rate (CAGR) of 10.6%. This growth during the historical period is mainly driven by a rise in thrombotic disorders, a higher prevalence of

cardiovascular diseases, wider adoption of minimally invasive procedures, innovations in vascular intervention technologies, and the broader availability of specialized vascular treatment centers.

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Looking ahead, the rheolytic thrombectomy market is expected to continue its rapid ascent,

reaching \$1.9 billion by 2030 at a CAGR of 10.9%. This surge is fueled by the increasing incidence of deep vein thrombosis and pulmonary embolism, growing demand for quick clot removal methods, technological advancements in thrombectomy devices, amplified investments in healthcare infrastructure, and expanding applications of image-guided vascular interventions. Key trends anticipated during this forecast period include improvements in catheter-based clot removal technologies, a rising preference for minimally invasive procedures, the development of efficient saline jet systems, faster revascularization techniques, and extending thrombectomy use to peripheral vascular interventions.

### Understanding Rheolytic Thrombectomy as a Medical Procedure

Rheolytic thrombectomy is a minimally invasive technique designed to eliminate blood clots from vessels by employing a high-velocity saline jet system. This pressurized saline stream breaks up the clot and simultaneously suctions away the debris, which helps restore normal blood flow. It is particularly utilized in urgent cases such as deep vein thrombosis and pulmonary embolism where immediate clot removal is critical for patient outcomes.

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### Key Factor Propelling Growth: Rising Cardiovascular Disease Prevalence

One of the primary factors driving the rheolytic thrombectomy market is the growing prevalence of cardiovascular diseases (CVDs). These conditions, affecting the heart and blood vessels, encompass ailments like coronary artery disease, stroke, heart failure, and hypertension. The surge in cardiovascular disorders is largely attributed to unhealthy lifestyle choices that jeopardize heart health and increase risks associated with blood vessel complications. Rheolytic thrombectomy plays an important role in treating these conditions by rapidly clearing blood clots from blocked vessels, restoring blood flow, minimizing ischemic damage, and improving recovery outcomes. For example, in March 2025, the UK's Joint Strategic Needs Assessment reported 185 deaths due to cardiovascular disease in 2023, up from 178 in 2022, reflecting the growing impact of these disorders and the consequent demand for effective interventions.

### Increasing Thrombotic Disorders and Their Impact on Market Demand

The rising incidence of thrombotic disorders is another crucial element boosting demand for rheolytic thrombectomy. These disorders involve the abnormal formation of blood clots inside vessels, which disrupts normal circulation. Factors such as an aging population contribute to this trend, as older adults are more vulnerable to vascular damage and impaired blood flow that encourages clot formation. Rheolytic thrombectomy addresses this need by quickly breaking up and removing clots, reopening blocked vessels and improving blood flow in acute cases. For instance, in the third quarter of 2025, NHS England reported that venous thromboembolism (VTE) risk assessments covered 92% of admitted patients, highlighting the focus on managing thrombotic risks and the role of advanced interventions like rheolytic thrombectomy.

## Aging Population Growth Enhancing Market Expansion

Demographic shifts marked by an increasing aging population also underpin the expanding rheolytic thrombectomy market. As people live longer, the proportion of elderly individuals is rising worldwide, creating higher demand for treatments addressing age-related vascular issues. Rheolytic thrombectomy offers an effective solution for age-associated thrombotic conditions by enabling swift mechanical and pharmacomechanical clot removal, which is vital for maintaining vascular health in older adults. According to the World Health Organization in February 2025, the global population aged 60 and above is expected to grow from 1.1 billion in 2023 to 1.4 billion by 2030, reinforcing the market's growth potential driven by demographic changes.

## Regional Market Leadership and Growth Dynamics

In 2025, North America held the largest share in the global rheolytic thrombectomy market, reflecting its advanced healthcare infrastructure and high adoption rates of innovative vascular interventions. Meanwhile, the Asia-Pacific region is forecasted to be the fastest-growing market during the coming years, driven by expanding healthcare facilities, increasing prevalence of thrombotic disorders, and rising awareness of minimally invasive treatment options. The market analysis covers regions including Asia-Pacific, South East Asia, Western Europe, Eastern Europe, North America, South America, the Middle East, and Africa, providing a global perspective on emerging opportunities and challenges.

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- Company scoring matrix graphics and tables
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- Market hotspots infographics
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