

Steerable Needles Market Report Evaluates Growth Drivers, Challenges And Market Dynamics

*The Business Research Company's
Steerable Needles Market Report 2026 –
Market Size, Trends, And Global Forecast
2026-2035*

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/EINPresswire.com/ -- "The [steerable
needles market](#) has been experiencing

substantial growth recently, driven by advancements in medical technology and increasing demand for precision in minimally invasive procedures. As healthcare continues to evolve with innovative surgical tools, this market is poised to expand further, reflecting ongoing trends in medical interventions and technological integration.

The logo for The Business Research Company, featuring a stylized bar chart with four bars of increasing height, colored in teal. The text "The Business Research Company" is written in a black, sans-serif font to the left of the chart.

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Growth Trajectory and Market Size of the Steerable Needles Market

The steerable needles market has seen significant expansion over the past few years. It is projected to increase from \$1.76 billion in 2025 to \$1.93 billion in 2026, marking a compound annual growth rate (CAGR) of 9.7%. This growth during the historical period is largely due to the rising preference for minimally invasive procedures, advancements in imaging technologies, increased use of interventional radiology, broader adoption of precision surgical instruments, and the growth of robotic-assisted surgeries.

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Forecasted Expansion and Future Market Value of the Steerable Needles Market

Looking ahead, the steerable needles market is expected to maintain strong growth momentum, reaching \$2.69 billion by 2030 with a CAGR of 8.7%. Factors contributing to this forecast include the increasing incorporation of AI-assisted surgical navigation systems, heightened demand for solutions addressing complex tumor targeting, the proliferation of robotic surgery platforms, growing investments in advanced interventional devices, and an intensified focus on minimizing procedural complications. Key trends likely to influence the market during this period involve

expanded use of image-guided needle navigation, integration with robotic surgical systems, broader application in minimally invasive procedures, development of real-time trajectory control technologies, and a stronger emphasis on enhancing procedural precision and safety.

Understanding What Steerable Needles Are and Their Medical Benefits

Steerable needles are specialized medical tools designed to maneuver within the body to reach hard-to-access targets that conventional straight needles cannot easily reach. They feature mechanisms that allow precise, real-time directional adjustments, usually guided by imaging technologies such as ultrasound, MRI, or fluoroscopy. These capabilities help improve the accuracy of medical interventions, reduce trauma to surrounding tissues, and lead to better outcomes, especially in complex procedures requiring high precision.

View the full steerable needles market report:

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Factors Fueling the Growth of the Steerable Needles Market

One of the primary drivers of the steerable needles market is the growing adoption of minimally invasive procedures. These procedures involve small incisions or natural openings, which reduce tissue damage and shorten recovery times compared to traditional surgeries. The increased preference for minimally invasive options stems from their benefits of less postoperative pain, fewer complications, and quicker healing. Steerable needles play a critical role in these procedures by allowing clinicians to navigate precisely to target tissues, thus improving accuracy and minimizing collateral damage.

Supportive Evidence Highlighting the Increase in Minimally Invasive Procedures

For example, in June 2024, the American Society of Plastic Surgeons reported a 7% rise in minimally invasive procedures in 2023, surpassing the growth rate of traditional surgical procedures by 2%. Specifically, hand surgeries such as those for carpal tunnel syndrome, arthritis, and trigger finger reached 207,887 procedures, reflecting a 2% increase from 2022. This trend emphasizes the growing reliance on minimally invasive techniques, which directly supports the expanding demand for steerable needles.

Regional Dynamics and Market Leadership in the [Steerable Needles Industry](#)

In terms of regional market share, North America held the largest portion of the steerable needles market in 2025. Meanwhile, the Asia-Pacific region is anticipated to experience the fastest growth in the coming years. The market analysis spans various key regions, including Asia-Pacific, South East Asia, Western Europe, Eastern Europe, North America, South America, the Middle East, and Africa, offering a broad perspective on global market trends and opportunities.

Our 2026 market reports now feature expanded strategic intelligence through market attractiveness scoring and analysis, total addressable market (TAM) analysis, company scoring

matrix graphics and tables, Excel-based dashboards, market hotspots infographics, key technology and future trend analysis, along with updated graphics and tables.

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