

Microcatheters Market by Type (Delivery, Diagnostic, Aspiration, Steerable), Design (Single, Dual), Application (Cardiovascular, Neurovascular, Peripheral Vascular, Oncology), End-User (Hospitals, Ambulatory Surgical Centers) - Global Forecast to 2028

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Abstracts

The global microcatheter market is projected to reach USD 1,142 million by 2028 from USD 874 million in 2023, growing at a CAGR of 5.5% during the forecast period. The rise in advantages offered by microcatheter like Minimally Invasive, precise navigation, and targeted therapy among several others to be used are major factors anticipated to boost the market growth in the forecasting years.

“Steerable Microcatheters segment to register highest CAGR over the forecast period of 2023-2028”

Based on the product type, the microcatheter market is segmented into Delivery Microcatheter, Aspiration Microcatheter, Diagnostic Microcatheter, and Steerable Microcatheter. Steerable Microcatheters segment to register a highest CAGR over the forecast period of 2023-2028. Steerable microcatheters are often used in minimally invasive procedures, such as interventional radiology, neurovascular interventions, and peripheral vascular interventions. These procedures offer advantages over traditional open surgeries, including reduced patient trauma, shorter hospital stays, faster recovery times, and lower healthcare costs. The ability to navigate and steer microcatheters within the body's intricate vasculature allows for precise and targeted treatments, further supporting the growth of steerable microcatheters.

“The Neurovascular application segment to register highest CAGR over the forecast period of 2023-2028”

Based on the application, the Microcatheters market is segmented into Cardiovascular, Neurovascular, Peripheral Vascular, Urology, Otolaryngology, and other applications. Ongoing advancements in microcatheter technology, including improvements in materials, designs, and coatings, enhance the navigational capabilities and deliverability of neurovascular microcatheters. These advancements enable physicians to reach challenging intracranial locations with greater precision and control, expanding the range of treatable lesions and improving procedural outcomes. Governments, healthcare organizations, and research institutions are investing in improving neurovascular healthcare infrastructure. This includes the availability of advanced neuro-interventional suites and the adoption of state-of-the-art neurovascular devices, including microcatheters. Such investments contribute to the growth and adoption of neurovascular microcatheters in medical facilities.

“The single-lumen microcatheter segment accounted for the largest share of the microcatheter market in 2022-2028”

Based on the design, the microcatheter market is segmented into single-lumen microcatheter and Dual and Multi-lumen Microcatheter. The dual and multi-lumen microcatheter segment design segment is estimated to hold a significant market share of the microcatheter market during the forecast period.

Dual and multi-lumen microcatheters are medical devices used in various interventional procedures, particularly in the field of minimally invasive surgery. They consist of small, flexible tubes with multiple lumens (channels) that allow the simultaneous delivery of fluids, medications, and medical instruments to the target site. The drivers for using dual and multi-lumen microcatheters include:

Enhanced Procedure Efficiency: By incorporating multiple lumens within a single catheter, dual and multi-lumen microcatheters can streamline procedures by reducing the need for multiple catheter insertions. This can save time and improve overall procedural efficiency.

“Hospitals, Surgical Centers, and Specialty Clinics’ segment to register for the highest growth rate of the microcatheters market in 2022-2028”

The major end users in the microcatheters market are hospitals, surgical centers &

specialty clinics, and ambulatory surgical centers. The Ambulatory surgical center's end-user segment is estimated to hold a significant market share of the microcatheter market during the forecast period. Ambulatory surgical centers focus on providing same-day surgical procedures that minimize the need for hospitalization. Microcatheters play a vital role in enabling minimally invasive procedures, which are often preferred in ASCs due to their shorter recovery times, reduced pain, and lower cost compared to traditional open surgeries.

Technological Advances: The advancements in microcatheter technology have made these devices more versatile, reliable, and user-friendly. Improved catheter materials, enhanced flexibility, and smaller profiles allow for precise navigation through complex anatomical structures, making microcatheters suitable for a broader range of procedures performed in ASCs.

"Asia Pacific to register significant growth in the market during the forecast period."

In 2022, the APAC region is expected to register significant growth in the market during the forecast period. Asia Pacific comprises India, China, Japan, Australia, South Korea, and RoAPAC. The Asia-Pacific (APAC) region has witnessed a significant increase in the market for microcatheters. Several factors have contributed to this growth:

APAC countries have been experiencing rising healthcare expenditure, driven by economic growth, increasing population, and improved access to healthcare. This has led to greater investment in advanced medical technologies, including microcatheters, to support minimally invasive procedures and improve patient outcomes.

The APAC region has a large aging population, which is more prone to chronic diseases and requires specialized medical interventions. Microcatheters are extensively used in the management of cardiovascular diseases, neurovascular disorders, and other age-related conditions. The growing aging population has fueled the demand for microcatheters in APAC.

APAC countries have seen a rise in the prevalence of chronic diseases such as cardiovascular diseases, cancer, and neurovascular disorders. Microcatheters play a crucial role in the diagnosis, treatment, and management of these conditions, leading to an increased demand for these devices in the region.

A breakdown of the primary participants referred to for this report is provided below:

By Company Type: Tier 1–30%, Tier 2–42%, and Tier 3– 28%

By Designation: C-level–10%, Director-level–76%, and Others–14%

By Region: North America–40%, Europe–30%, Asia Pacific–22%, Latin America–6%, and the Middle East & Africa–2%

Prominent players in the microcatheter market are Terumo Corporation (Tokyo, Japan), Boston Scientific Corporation (Massachusetts, US), and Cook Medical (Indiana, US), among others.

Research Coverage

This report studies the microcatheter market based on product, type, application, end-user, and region. It also covers the factors affecting market growth, analyzes the various opportunities and challenges in the market, and provides details of the competitive landscape for market leaders. Furthermore, the report analyzes micro markets with respect to their individual growth trends and forecasts the revenue of the market segments with respect to five main regions (and the respective countries in these regions). The scope of the report covers detailed information regarding the major factors, such as drivers, restraints, challenges, and opportunities, influencing the growth of the microcatheters market.

A detailed analysis of the key industry players has been done to provide insights into their business overview, solutions, services; key strategies; Contracts, partnerships, and agreements. new product & service launches, mergers and acquisitions, and recent developments associated with the microcatheters market. Competitive analysis of upcoming startups in the microcatheters market ecosystem is covered in this report.

Key Benefits of Buying the Report:

The report will help the market leaders/new entrants in this market with information on the closest approximations of the revenue numbers for the overall microcatheters market and the subsegments. This report will help stakeholders understand the competitive landscape and gain more insights to position their businesses better and plan suitable go-to-market strategies. The report also helps stakeholders understand the pulse of the market and provides them with information on key market drivers, restraints, challenges, and opportunities.

The report provides insights on the following pointers:

Analysis of key drivers (increasing prevalence of chronic diseases, growing aging population, advancements in minimally invasive techniques), restraints (stringent regulatory requirements, high cost of microcatheters, limited availability in developing regions), opportunities (technological advancements, increasing adoption of minimally invasive procedures), and challenges (cost pressures, product complexity and variability) influencing the growth of the microcatheters market

Product Development/Innovation: Detailed insights on upcoming technologies, research & development activities, and new product & service launches in the microcatheters market.

Market Development: Comprehensive information about lucrative markets – the report analyses the microcatheters market across varied regions.

Market Diversification: Exhaustive information about new products, untapped geographies, recent developments, and investments in the microcatheters market

Competitive Assessment: In-depth assessment of market shares, growth strategies, and service offerings of leading players like Terumo Corporation (Tokyo, Japan), Boston Scientific Corporation (Massachusetts, US), and Cook Medical (Indiana, US), among others.

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*Details on Business Overview, Products Offered, Recent Developments, and MnM View (Key strengths/Right to Win, Strategic Choices Made, and Weaknesses and Competitive Threats) might not be captured in case of unlisted companies.

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