

24 Lifesciences

**Medical Thrombus Extraction Catheter Market
Regional Analysis, Demand Analysis and
Competitive Outlook 2025-2032**

Market Overview

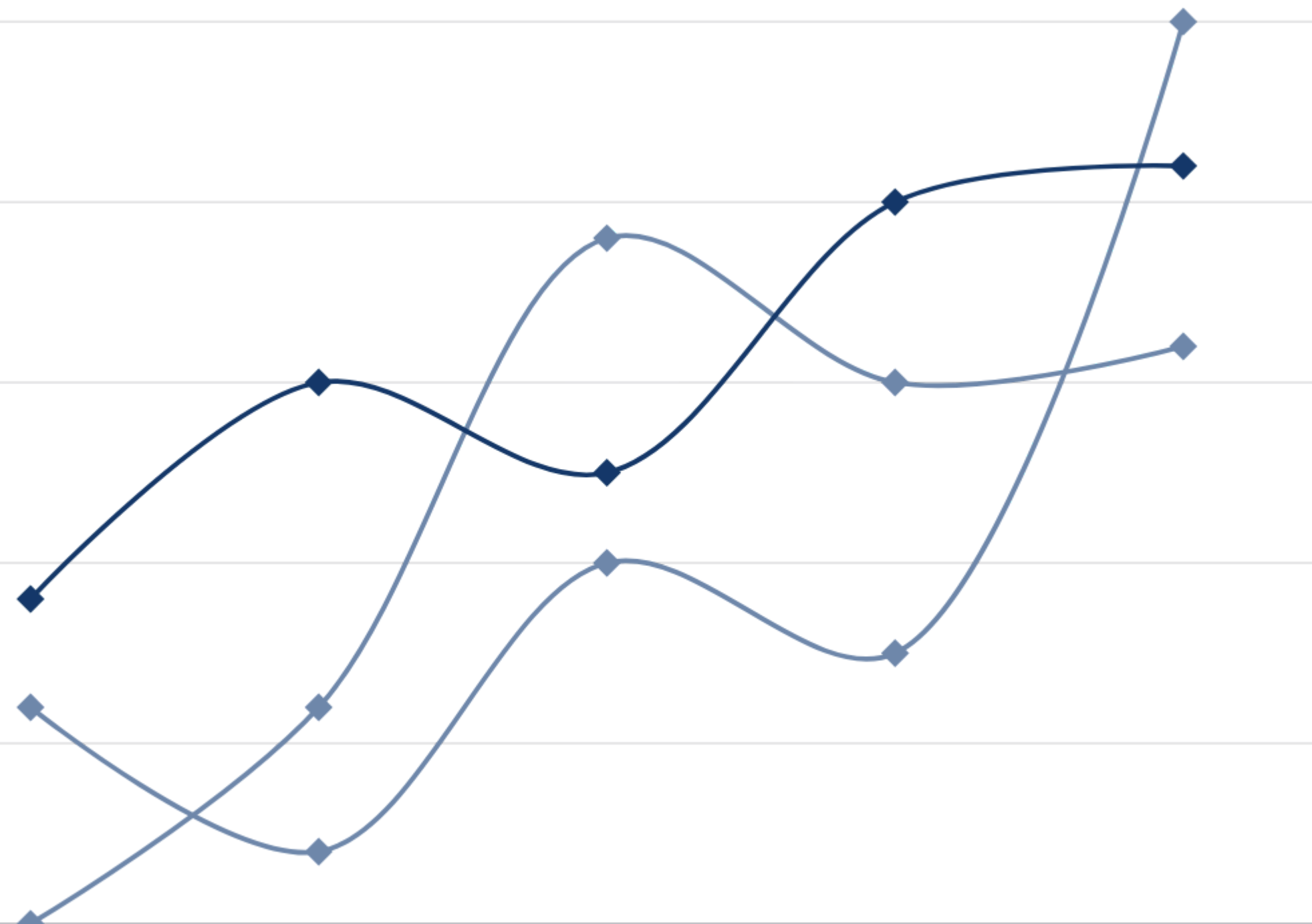


The global medical thrombus extraction catheter market was valued at USD 124 million in 2024 and is projected to reach USD 164 million by 2031, exhibiting a CAGR of 4.2% during the forecast period.

Medical thrombus extraction catheters are specialized devices used in interventional cardiology and radiology procedures to remove blood clots (thrombi) from coronary and peripheral vessels. These catheters typically feature dual-lumen designs, with one lumen for guidewire passage and another for thrombus aspiration. They are particularly effective in treating acute arterial occlusions, including those in myocardial infarction cases, by mechanically extracting fresh thrombi and debris.

Market size

MARKET INSIGHTS



2024

USD 124 million in 2024

2032

USD 164 million by 2031

CAGR

CAGR of 4.2%

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By Type

The Manual Thrombus Extraction Catheter segment holds a leading position owing to its established efficacy in primary percutaneous coronary interventions (PCI) for acute myocardial infarction cases, where rapid thrombus removal is critical. These devices offer straightforward operation, reducing procedural time and risks associated with complex machinery. In contrast, mechanical variants provide enhanced aspiration power for larger or organized thrombi but are often reserved for specific high-risk scenarios. Overall, the type segmentation reflects ongoing innovations aimed at improving device navigability and aspiration efficiency, aligning with the rising incidence of thrombotic disorders globally.

The market is segmented based on type into:

- Manual Thrombus Extraction Catheter
- Mechanical Thrombus Extraction Catheter

By Application

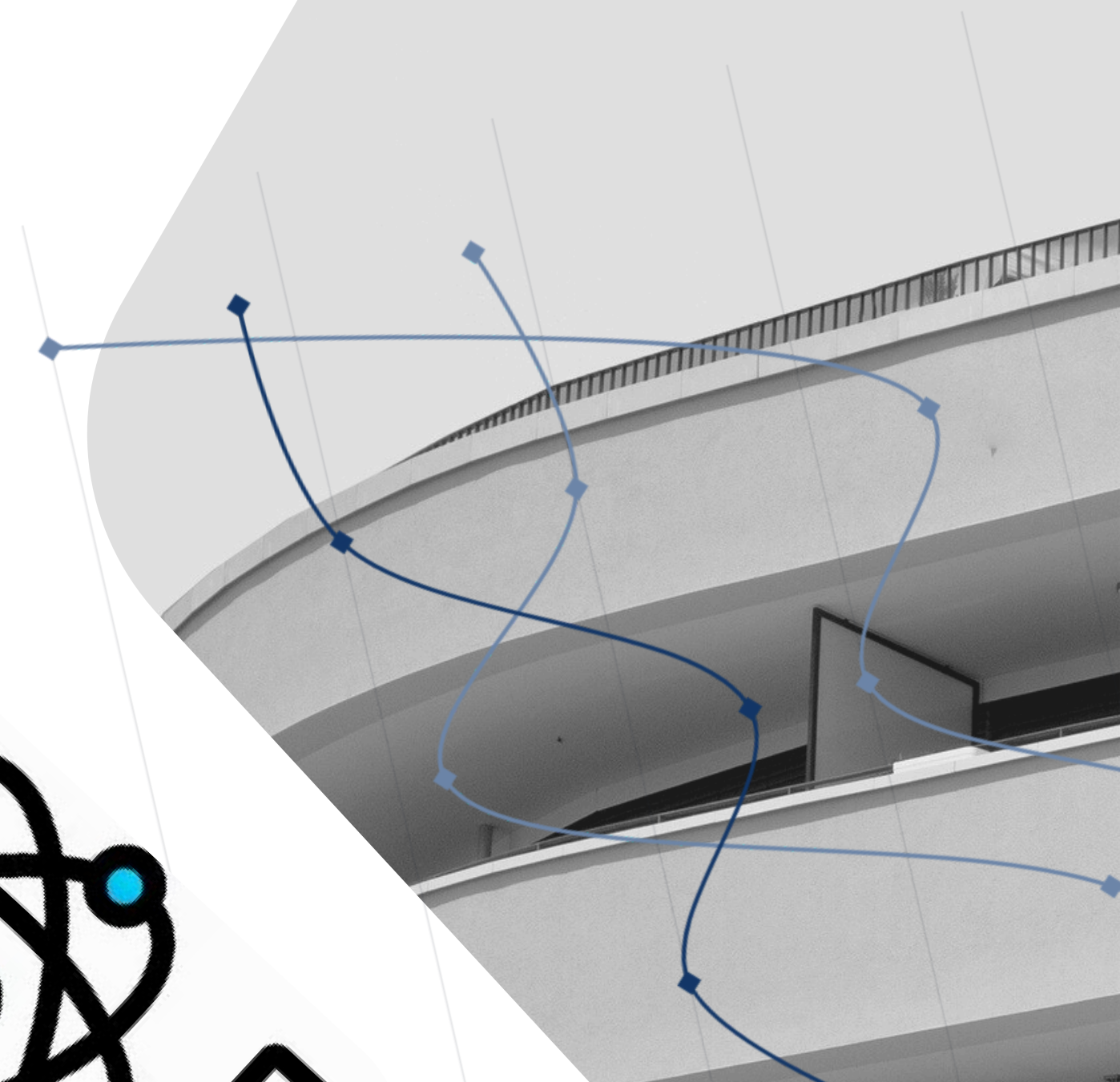
The Hospitals segment dominates applications for Medical Thrombus Extraction Catheters, driven by the concentration of specialized cardiac catheterization labs and interventional cardiology teams that handle a significant share of thrombus-related emergencies. Clinics contribute to outpatient and follow-up procedures, while other settings, such as ambulatory surgical centers, are emerging with minimally invasive techniques. This segmentation underscores the device's role in enhancing patient outcomes in acute settings, supported by increasing healthcare investments and procedural adoption rates.

The market is segmented based on application into:

- Hospitals**
- Clinics**
- Others**

Our Key Players

- Medtronic
- Philips
- Terumo
- Teleflex
- Kaneka Corporation
- iVascular

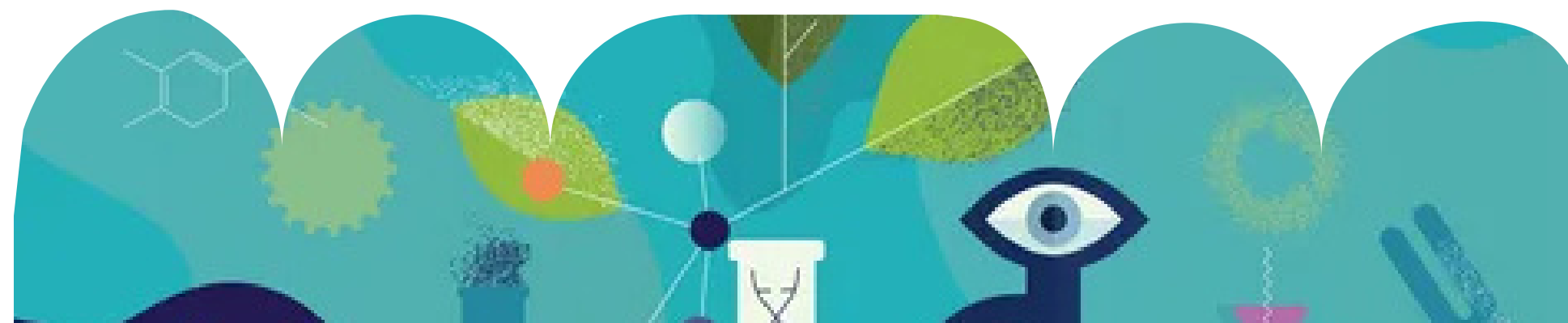
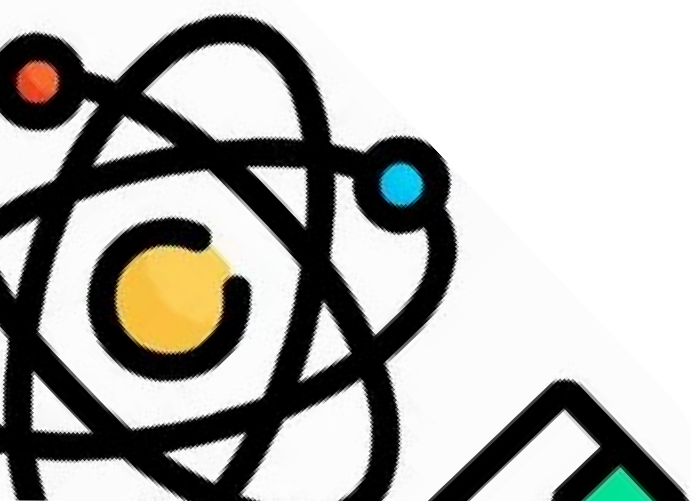


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