



Cardiovascular medical device market

Key cardiovascular market trends

Largest market

Building on the tremendous market success of **transcatheter aortic valve replacement (TAVR)**, several more transcatheter valve replacement technologies are expected to chart similar market growth trajectories, including **transcatheter mitral valve implantation (TMVI)**, **transcatheter tricuspid valve repair (TTVR)** and **transcatheter mitral valve repair (TMVR)**.

Favorable reimbursement and cost-effectiveness over **surgical aortic valve replacement (SAVR)** support the adoption of (THV).

Heart valve devices

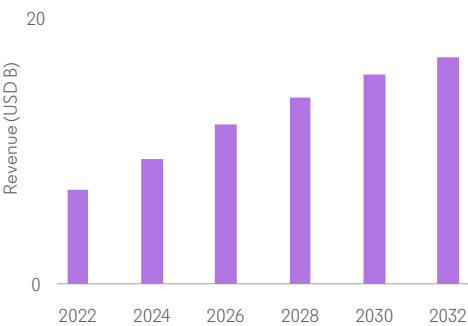
2023 THV global market snapshot

\$ 8B
Market revenue

+ 9%
CAGR 2022 – 2032

Source: Clarivate | Medtech 360 Reports

Transcatheter heart valve device market



Fastest-growing market

Pulsed field ablation (PFA) is a breakthrough technology for the treatment of atrial fibrillation (AF). Its adoption is being propelled by positive clinical data from several trials, including the pivotal ADVENT trial, which showed that PFA reduced procedure times and complications with comparable efficacy to thermal ablation.

Several major competitors are investing in PFA.

The PFA market far exceeded initial projections and is expected to grow in high double digits going forward.

Positive results from the **DISRUPT CAD** study led to the introduction of the **intravascular lithotripsy (IVL)** technique, disrupting the interventional cardiology device market and making Shockwave Medical, now a Johnson & Johnson subsidiary, a notable player.

Electrophysiology mapping and ablation devices

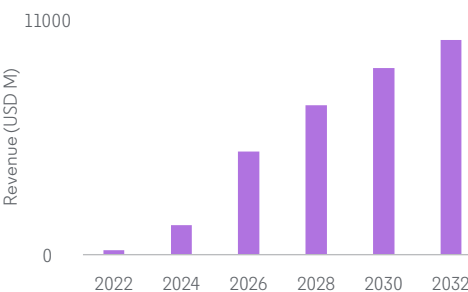
2023 global market snapshot

\$ 200M
Market revenue

+ 43%
CAGR 2022 – 2032

Source: Clarivate | Medtech 360 Reports

Pulsed Field Ablation (PFA) market



Interventional cardiology devices

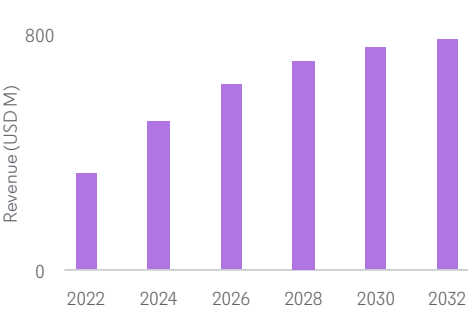
2023 global market snapshot

\$ 400M
Market revenue

+ 30%
CAGR 2022 - 2032

Source: Clarivate | Medtech 360 Reports

Intravascular Lithotripsy (IVL) catheter market



Market to watch

Increasing recommendations and physician preference for the use of **endocardial left atrial appendage (LAA)** closure devices in AF patients have largely boosted this market.

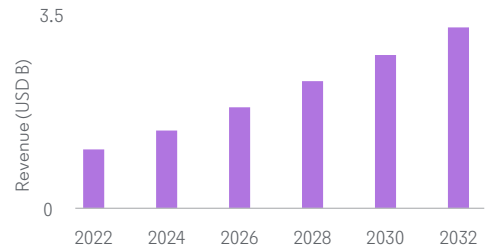
Structural heart closure devices

2023 global market snapshot

\$ 1B
Market revenue

+ 12%
CAGR 2022 – 2032

Endocardial left atrial appendage closure market



Source: Clarivate | Medtech 360 Reports

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