

Global Transcatheter Aortic Valve Replacement Market Size, Share & Trends Analysis Report By Implantation Procedure (Transfemoral, Transapical, Transaortic), By Material (Nitinol, Cobalt Chromium, Stainless Steel, Others), By Mechanism (Balloon-expandable, Self-expandable), By End Use (Hospitals, Ambulatory Surgical Centers, Others), and Regional Forecasts 2022-2032

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Abstracts

The global transcatheter aortic valve replacement (TAVR) market was valued at approximately USD 6.38 billion in 2023 and is projected to grow significantly at a compound annual growth rate (CAGR) of 6.6% from 2022 to 2032. This market growth is primarily driven by the increasing prevalence of aortic stenosis, the rising geriatric population, and the preference for minimally invasive procedures over traditional open-heart surgeries.

Aortic stenosis is a progressive cardiovascular condition characterized by the narrowing of the aortic valve, impeding blood flow. With the aging global population, the prevalence of this condition has surged. According to the World Health Organization, the population over 60 years old is projected to double by 2050, directly contributing to the demand for advanced cardiac interventions such as TAVR. Furthermore, TAVR's minimally invasive nature makes it a viable option for elderly patients or those with high surgical risk, further driving its adoption.

The market has also been significantly influenced by technological advancements. Continuous innovation in valve design, imaging techniques, and catheter technologies

has improved procedural efficacy and patient outcomes. The launch of advanced devices such as Edwards Lifesciences' Sapien 3 Ultra Resilia valve and Medtronic's Evolut FX+ has set new benchmarks in safety, adaptability, and ease of use, expanding the patient pool for TAVR procedures.

Moreover, increasing investments and strategic partnerships in the healthcare sector have accelerated the development and adoption of TAVR systems. For instance, Sahajanand Medical Technologies' launch of the Hydra TAVR system in Mexico highlights the global efforts to expand access to state-of-the-art cardiac treatments. These developments, coupled with favorable reimbursement policies in developed regions, bolster the market outlook.

Major Market Players Included in This Report Are:

Medtronic plc

Abbott Laboratories, Inc.

Edwards Lifesciences Corporation

Boston Scientific Corporation

Meril Life Sciences Pvt. Ltd.

JenaValve Technology, Inc.

Transcatheter Technologies GmbH

Sahajanand Medical Technologies (SMT)

Boston Scientific

Terumo Corporation

CryoLife, Inc.

Direct Flow Medical, Inc.

Micro Interventional Devices

The detailed segments and sub-segments of the market are explained below:

By Implantation Procedure:

Transfemoral

Transapical

Transaortic

By Material:

Nitinol

Cobalt Chromium

Stainless Steel

Others

By Mechanism:

Balloon-expandable

Self-expandable

By End Use:

Hospitals

Ambulatory Surgical Centers

Others

By Region:

North America

U.S.

Canada

Mexico

Europe

UK

Germany

France

Italy

Spain

Denmark

Sweden

Norway

Asia Pacific

Japan

China

India

Australia

South Korea

Thailand

Latin America

Brazil

Argentina

Middle East & Africa

South Africa

Saudi Arabia

UAE

Kuwait

Years considered for the study are as follows:

Historical year: 2022

Base year: 2023

Forecast period: 2024-2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and regional level analysis for each market segment.

Detailed analysis of geographical landscape with country-level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of the competitive structure of the market.

Demand-side and supply-side analysis of the market.

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