

# Transcatheter Aortic Valve Implantation (TAVI) Market by procedure (Transfemoral Implantation, Transapical Implantation, and Transaortic Implantation) - Global Opportunities and Forecasts, 2014 - 2022

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## Abstracts

Transcatheter aortic valve implantation (TAVI), also called as transcatheter aortic valve replacement (TAVR), is a minimally invasive surgical procedure, wherein a diseased aortic valve is replaced with artificial valve through blood vessels. The procedure is designed to treat high-risk patients suffering from aortic stenosis. These high-risk patients refer to the patient population that are either inoperable or unfit to undergo surgical aortic valve replacement (SAVR) procedure. The older population (above 75 years of age) falls under the high-risk category, as the open heart surgery is too risky for them. TAVI involves implantation of transcatheter aortic valves to regenerate the blood circulation ability of the aortic valve.

The world TAVI market is driven by the rise in geriatric population that results in increase in prevalence of aortic stenosis, advancements in transcatheter aortic valves, and increase in adoption rate of TAVI devices. However, stringent and time-consuming government regulations for transcatheter aortic valves (being class III medical devices) and their high cost are set to restrain the market growth.

The report segments the TAVI market on the basis of procedure and geography. According to procedure, the market is classified into transfemoral, transapical, and transaortic implantation. On the geographical basis, it is analyzed across North America, Europe, Asia-Pacific, and LAMEA.

The TAVI market is highly competitive and consolidated in nature. Edwards Lifesciences Corporation, Medtronic plc, and St. Jude Medical, Inc. have dominated the overall market. These players have adopted product development as their key strategy, and hence launched several technologically advanced transcatheter aortic valves in the

past few years. For instance, in March 2016, Direct Flow Medical, Inc. launched its next-generation DirecTrack TAVR delivery system in the European market. In the same year, Edwards Lifesciences Corporation received the Ministry of Health, Labour and Welfare (MHLW) approval for launch of its SAPIEN 3 transcatheter heart valve in the Japanese market. The market has also witnessed several approvals for clinical trials of transcatheter aortic valves. For instance, in June 2016, Medtronic plc received approval for its CoreValve Evolut R US Clinical Study.

Key players profiled in this report are:

Boston Scientific Corporation

Direct Flow medical, Inc.

Edwards Lifesciences Corporation,

HLT, Inc., JenaValve Technology, Inc.

Medtronic plc

Meril Life Sciences Pvt. Ltd.

St. Jude Medical, Inc.

SYMETIS SA

Transcatheter Technologies GmbH.

## **KEY BENEFITS:**

This report provides an extensive analysis of the current trends, future estimations, and dynamics in the world TAVI market through 2014–2022, which assists to identify the prevailing opportunities.

In-depth analysis is conducted by market estimations for the key segments for both value and volume.

Comprehensive analysis of factors that drive and restrict the growth of the TAVI market is provided.

An in-depth analysis of current research and clinical developments within the market is presented.

Key market players are profiled and their strategies are analyzed thoroughly, which interprets the competitive outlook of the world TAVI market.

### **KEY MARKET SEGMENTS:**

#### By Procedure

Transfemoral Implantation

Transapical Implantation

Transaortic Implantation

#### By Geography

North America

U.S.

Canada

Mexico

Europe

Germany

France

UK

Italy

Switzerland

Rest of Europe

Asia-Pacific

China

Japan

India

Rest of Asia-Pacific

LAMEA

Brazil

Israel

South Africa

Saudi Arabia

Rest of LAMEA

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