

Pediatric Interventional Cardiology Market Report by Device Type (Closure Devices, Transcatheter Heart Valves, Atherectomy Devices, Catheters, Balloons, Stents, and Others), Procedure (Catheter-Based Valve Implantation, Congenital Heart Defect Correction, Angioplasty, Coronary Thrombectomy, and Others), End Use (Clinical Testing Laboratories, Hospitals, Cardiac Centers, Pediatric Clinics, Research Institutions), and Region 2024-2032

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Abstracts

The global pediatric interventional cardiology market size reached US\$ 2.6 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 4.4 Billion by 2032, exhibiting a growth rate (CAGR) of 5.7% during 2024-2032.

Pediatric interventional cardiology is a subset of cardiology that involves the use of specific catheter-based techniques to treat heart disorders in infants, children, and adolescents upto 18 years of age. They include balloon angioplasty, coil occlusion, stent implantation, and aortic valve stenosis. As compared to conventional cardiological treatments, pediatric interventional cardiology is more minimally invasive, thus reducing post-surgery complications. Consequently, they are extensively employed for performing angioplasty, valvuloplasty, coronary thrombectomy, and congenital heart defect correction procedures across clinical testing laboratories, hospitals, cardiac centers, and research institutes.

Pediatric Interventional Cardiology Market Trends:

The increasing instances of various congenital cardiac diseases in children, such as

atrial septal defect (ASD), atrioventricular canal defect, patent ductus arteriosus (PDA), and ventricular septal defect (VSD) represent one of the key factors driving the pediatric interventional cardiology market growth. The introduction of novel and more efficient pediatric interventional cardiology devices, including catheters, bio-absorbable stents, guidewires, balloons, stents, vascular closure devices, atherectomy devices is acting as another major growth-inducing factor. In line with this, the shifting inclination of patients toward non-invasive medical treatment procedures, along with the rising awareness regarding the associated benefits, such as lower risk of infection, shorter postoperative recovery times, and avoidance of large scars is also driving the market growth. Other factors, including rising healthcare expenditure and the numerous initiatives being undertaken by governments of various nations to speed-up regulatory procedures, are creating a positive outlook for the market. The market is also driven by extensive research and development (R&D) activities, increasing consumer healthcare expenditure and investments by governments and non-government organizations (NGOs) for strengthening the existing healthcare infrastructure, and significant technological advancements in the field of cardiology.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global pediatric interventional cardiology market report, along with forecasts at the global, regional and country level from 2024-2032. Our report has categorized the market based on device type, procedure and end use.

Breakup by Device Type:

- Closure Devices
- Transcatheter Heart Valves
- Atherectomy Devices
- Catheters
- Balloons
- Stents
- Others

Breakup by Procedure:

- Catheter-Based Valve Implantation
- Congenital Heart Defect Correction
- Angioplasty
- Coronary Thrombectomy

Others

Breakup by End Use:

Clinical Testing Laboratories

Hospitals

Cardiac Centers

Pediatric Clinics

Research Institutions

Breakup by Region:

North America

United States

Canada

Asia-Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the

profiles of the key players being Biotronik SE & Co. KG, Boston Scientific Corporation, Cardinal Health Inc., Edwards Lifesciences Corporation, General Electric Company, Koninklijke Philips N.V., Lepu Medical Technology (Beijing) Co. Ltd., Medtronic plc, NuMED Inc., Siemens Healthineers AG, Terumo Corporation and W. L. Gore & Associates Inc.

Key Questions Answered in This Report

1. What was the size of the global pediatric interventional cardiology market in 2023?
2. What is the expected growth rate of the global pediatric interventional cardiology market during 2024-2032?
3. What are the key factors driving the global pediatric interventional cardiology market?
4. What has been the impact of COVID-19 on the global pediatric interventional cardiology market?
5. What is the breakup of the global pediatric interventional cardiology market based on the device type?
6. What are the key regions in the global pediatric interventional cardiology market?
7. Who are the key players/companies in the global pediatric interventional cardiology market?

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