

# Cardica Inc. Fundamental Company Report Including Financial, SWOT, Competitors and Industry Analysis

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## Abstracts

Cardica Inc. Fundamental Company Report provides a complete overview of the company's affairs. All available data is presented in a comprehensive and easily accessed format. The report includes financial and SWOT information, industry analysis, opinions, estimates, plus annual and quarterly forecasts made by stock market experts. The report also enables direct comparison to be made between Cardica Inc. and its competitors. This provides our Clients with a clear understanding of Cardica Inc. position in the [Healthcare Equipment and Supplies](#) Industry.

The report contains detailed information about Cardica Inc. that gives an unrivalled in-depth knowledge about internal business-environment of the company: data about the owners, senior executives, locations, subsidiaries, markets, products, and company history.

Another part of the report is a SWOT-analysis carried out for Cardica Inc.. It involves specifying the objective of the company's business and identifies the different factors that are favorable and unfavorable to achieving that objective. SWOT-analysis helps to understand company's strengths, weaknesses, opportunities, and possible threats against it.

The Cardica Inc. financial analysis covers the income statement and ratio trend-charts with balance sheets and cash flows presented on an annual and quarterly basis. The report outlines the main financial ratios pertaining to profitability, margin analysis, asset turnover, credit ratios, and company's long-term solvency. This sort of company's information will assist and strengthen your

company's decision-making processes.

In the part that describes Cardica Inc. competitors and the industry in whole, the information about company's financial ratios is compared to those of its competitors and to the industry. The unique analysis of the market and company's competitors along with detailed information about the internal and external factors affecting the relevant industry will help to manage your business environment. Your company's business and sales activities will be boosted by gaining an insight into your competitors' businesses.

Also the report provides relevant news, an analysis of PR-activity, and stock price movements. The latter are correlated with pertinent news and press releases, and annual and quarterly forecasts are given by a variety of experts and market research firms. Such information creates your awareness about principal trends of Cardica Inc. business.

### **About Cardica Inc.**

Cardica, Inc. engages in the design, manufacture, and marketing of proprietary automated anastomotic systems used by surgeons to perform coronary artery bypass surgery.

The company also develops an endoscopic microcutter intended for use by general, thoracic, gynecologic, bariatric and urologic surgeons. It is also developing a PFO device in collaboration with Cook Incorporated, or Cook. The company sells its C-Port Distal Anastomosis Systems, or C-Port systems, in the United States and Europe. Its C-Port systems include the C-Port xA system. In addition to its commercialized cardiac surgery products, the company has commenced development of the Cardica Microcutter, a multi-fire endolinear microcutter device based on its proprietary staple-on-a-strip technology.

### **Cardiac Products**

The company markets four proprietary products to perform anastomoses, the C-Port xA system, C-Port Flex A system, C-Port X-CHANGE system and the PAS-Port system. The C-Port systems automate a distal anastomosis between the graft vessel and target artery. The original C-Port system, which is no longer marketed, was studied using veins rather than arteries as the graft vessel and received the U.S. Food and Drug

Administration (FDA) 510(k) clearance for the creation of anastomoses between grafts and target vessels generally. The PAS-Port system automates the performance of a proximal anastomosis between a graft vessel, typically a saphenous vein, and the aorta. The PAS-Port system received 510(k) clearance from the FDA in 2008.

## C-Port Distal Anastomosis Systems

### C-Port xA Anastomosis System

The company's C-Port xA Distal Anastomosis System, which may be used in either on- or off-pump CABG procedures, is designed to perform an end-to-side distal anastomosis by attaching the end of a bypass graft to a coronary artery downstream of an occlusion or narrowing. The C-Port xA system is actuated by depressing a trigger which activates a manifold powered by a cylinder of compressed carbon dioxide to provide smooth actuation.

In addition, the C-Port xA system has been designed to: perform an end-to-side anastomosis without interruption of native coronary blood flow; achieve nearly complete alignment of the natural blood lining surfaces of the coronary artery and the bypass graft to minimize scarring and potential occlusion of the anastomosis; minimize the amount of foreign material in the blood stream that may cause clotting and subsequent graft failure; and suitable for all grafts typically used in CABG procedures with wall thicknesses of approximately 1.4 millimeters.

### C-Port Flex A Anastomosis System

The C-Port Flex A system includes modifications to the C-Port xA system that are designed to enable automated anastomoses to be performed as part of minimally invasive and robot-facilitated CABG procedures. In 2007, the company received 510(k) clearance from the FDA to market the C-Port Flex A system in the United States. The flexible shaft is designed to allow the working end of the device that creates the anastomosis to be inserted through a 14-millimeter diameter port to access the chest cavity and heart. The device is designed to be loaded with the bypass graft vessel inside or outside the chest cavity and deployed to create the anastomosis to the coronary artery. This product is designed to enable technology for completion of robotically assisted, including endoscopic, CABG surgery through four or five relatively small incisions between the ribs.

### C-Port X-CHANGE System

The C-Port X-CHANGE system is a cartridge-based reloadable C-Port system. The C-Port X-CHANGE system includes modifications to the C-Port xA system that are designed to enable multiple automated anastomoses to be performed using the same handle with up to three separate cartridges. In 2007, the company received 510(k) clearance from the FDA to market the C-Port X-CHANGE system in the U.S. As of June 30, 2009, the company had sold an aggregate of approximately 9,300 units of all the versions of its C-Port systems.

### PAS-Port Proximal Anastomosis System

The company's PAS-Port system is a fully automated device used to perform an end-to-side proximal anastomosis between a saphenous vein and the aorta. Surgeons use its PAS-Port system in conventional CABG procedures and in OPCAB. Additional stitches may be required intra-operatively in an individual anastomosis depending on the quality of the target and graft vessels, adequacy of target site preparation and quality of the loading of the graft to the deployment cartridge. The PAS-Port system is cleared or approved for sale in the United States, Europe and Japan and marketed in Europe and Japan. As of June 30, 2009, approximately 14,000 PAS-Port systems had been sold, primarily in Japan and the United States.

### Competition

The company's competitors include Maquet Cardiovascular LLC; Edwards Lifesciences Corporation; Johnson & Johnson, Inc.; Abbott Laboratories; Medtronic, Inc.; St. Jude Medical; Ethicon Endo-Surgery, part of Johnson & Johnson; Covidien; Stryker Endoscopy; Olympus; Gyrus Medical; and Power Medical.

### History

The company was founded in 1997. It was formerly known as Vascular Innovations, Inc. and changed its name to Cardica, Inc. in 2001.

The above Company Fundamental Report is a half-ready report and contents are subject to change.

It means that we have all necessary data in our database to prepare the report but need **2-3 days** to complete it. During this time we are also updating the report with respect to the current moment. So, you can get all the most recent data available for the same price. Please note that preparation of additional types of analyses requires extra time.

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## ANALYSIS FEATURES

### SWOT Analysis

SWOT, which stands for Strengths, Weaknesses, Opportunities and Threats, is an analytical framework that identifies the internal and external factors that are favorable and unfavorable for a company.

### Enhanced SWOT Analysis

Enhanced SWOT is a 3×3 grid that arranges strengths, weaknesses, opportunities and threats into one scheme:

How to use the strengths to take advantage of the opportunities?

How to use the strengths to reduce likelihood and impact of the threats?

How to overcome the weaknesses that obstruct taking advantage of the opportunities?

How to overcome the weaknesses that can make the threats a reality?

Upon answering these questions a company can develop a project plan to improve its business performance.

### PESTEL Analysis

PESTEL (also termed as PESTLE) is an ideal tool to strategically analyze what influence different outside factors – political, economic, sociocultural, technological, environmental and legal – exert on a business to later chart its long term targets.

Being part of the external analysis when carrying out a strategic assessment or performing a market study, PESTEL gives an overview of diverse macro-environmental factors that any company should thoughtfully consider. By perceiving these outside environments, businesses can maximally benefit from the opportunities while minimizing the threats to the organization.

### Key Factors Examined by PESTEL Analysis:

**Political** – What opportunities and pressures are brought by political bodies and what is the degree of public regulations' impact on the business?

**Economic** – What economic policies, trends and structures are expected to affect the organization, what is this influence's degree?

**Sociological** – What cultural and societal aspects will work upon the demand for the business's products and operations?

**Technological** – What impact do the technological aspects, innovations, incentives and barriers have on the organization?

**Environmental** – What environmental and ecological facets, both locally and farther afield, are likely to predetermine the business?

**Legal** – What laws and legislation will exert influence on the style the business is carried out?

### **IFE, EFE, IE Matrices**

The Internal Factor Evaluation matrix (IFE matrix) is a strategic management tool helping audit or evaluate major weaknesses and strengths in a business's functional areas. In addition, IFE matrix serves as a basis for identifying and assessing relationships amongst those areas. The IFE matrix is utilised in strategy formulation.

The External Factor Evaluation matrix (EFE matrix) is a tool of strategic management that is typically utilised to assess current market conditions. It is an ideal instrument for visualising and prioritising the threats and opportunities a firm is facing.

The essential difference between the above mentioned matrices lies in the type of factors incorporated in the model; whilst the latter is engaged in internal factors, the former deals exceptionally with external factors – those exposed to social, political, economic, legal, etc. external forces.

Being a continuation of the EFE matrix and IFE matrix models, the Internal External matrix (IE matrix) rests upon an investigation of external and internal business factors

integrated into one suggestive model.

## **Porter Five Forces Analysis**

The Porter's five forces analysis studies the industry of operation and helps the company find new sources of competitive advantage. The analysis surveys an industry through five major questions:

What composes a threat of substitute products and services?

Is there a threat of new competitors entering the market?

What is the intensity of competitive rivalry?

How big is the bargaining power of buyers?

How significant is the bargaining power of suppliers?

## **VRIO Analysis**

VRIO stands for Value, Rarity, Imitability, Organization. This analysis helps to evaluate all company's resources and capabilities and bring them together into one aggregate table that includes:

Tangible resources

Financial

Physical

Technological

Organizational

Intangible resources

Human

Innovation and Creativity

Reputation

Organizational capabilities

The result of the analysis gives a clear picture of company's competitive and economic implications, answering the questions if the resources mentioned above are:

Valuable?

Rare?

Costly to imitate?

Organized properly?

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