**REPORT DESCRIPTION**

**Global Market Watch:**

BRICSS Cardiac Defibrillators market value is expected to reach US$1.5 billion by 2016, primarily supported by the product types - Implantable Cardioverter Defibrillators (ICD) and External Defibrillating Devices. China accounts for nearly 27.4% of the market share and India claims more than 23.8%. In terms of CAGR, China is the fastest growing region while India and South Korea are just behind. Among the product types, Implantable Cardioverter Defibrillators (ICD) accounts nearly half of the market value while External Defibrillating Devices segments add up to the remaining half. In terms of market value, biphasic technologies used in the sector are expected to double the worth of monophasic technologies by 2015.

Healthcare Industry division has been witnessing a drastic change regarding the new innovation and technology which in terms are applied in improving from sector to sector since the past 3-5 years. Cardiovascular industry growth continues to increase with the presence of multiple technologies such as advanced material and software which is featured in most of the devices. International companies tends to innovate, develop new products and to enhance the existing features in cardiovascular devices.

**Report Focus:**

The report **‘Cardiac Defibrillators - Emerging Markets (Brazil, Russia, India, China, South Africa And South Korea), 2012-2018’** reviews the latest trends in cardiovascular devices with a perceptive attempt to disclose the near-future growth prospects. An in-depth analysis on a geographic basis provides strategic business intelligence for healthcare sector investments. The study reveals profitable investment strategies for market start-ups, pharmaceutical/biotechnology companies, laboratories, Contract/Clinical/Commercial Research Organizations (CROs), government/academic organizations, consulting firms, database buyers and many more in preferred locations. The report primarily focuses on:

* Emerging Market Trends
* Advancements in the Technological Space
* Market Demand of The Segments (By-Region)
* Key Growth Areas and Market Size
* Region-Wise Demand Factor
* Key Competitors Edge
* Investment Strategies

The analysis primarily deals with by type and technology. Further, the subdivided categories include:

**Cardiac Defibrillators – By Type & Technology**

- By Type

1. Implantable Cardioverter Defibrillators (ICD)
2. Automated External Defibrillators (AED)

- By Technology

1. Biphasic
2. Monophasic

The period considered for the cardiac defibrillators market analysis is 2012-2018. The region wise distribution of the market consists of BRICSS (Brazil, Russia, India, China, South Korea and South Africa).

More than 727 market players are identified in cardiovascular devices industry out of which 122 key companies that project improved market activities in the near future are profiled. The report consists of 123 data charts describing the market shares, sales forecasts and growth prospects. Moreover, key strategic activities in the market including mergers/acquisitions, collaborations/partnerships, product launches/developments are discussed.

Estimates are based on online surveys using customized questionnaires by our research team. Besides information from government databases, company websites, press releases & published research reports are also used for estimates.

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**C. INVESTMENT FOCUS**

46. CARDIAC DEFIBRILLATORS - FORECASTED CAGR% - 2012-2018 - TOP 8 COUNTRIES - USA, JAPAN, CHINA, FRANCE, INDIA, SOUTH KOREA, RUSSIA AND BRAZIL

47. CARDIAC DEFIBRILLATORS - TYPES - IMPLANTABLE CARDIOVERTER DEFIBRILLATORS (ICD) AND AUTOMATED EXTERNAL DEFIBRILLATORS - FORECASTED CAGR% - VALUE - 2012 -2018 - TOP 8 COUNTRIES - USA, JAPAN, CHINA, FRANCE, INDIA, SOUTH KOREA, RUSSIA AND BRAZIL

48. CARDIAC DEFIBRILLATORS - TECHNOLOGY - BIPHASIC AND MONOPHASIC - FORECASTED CAGR% - VALUE - 2012-2018 - TOP 8 COUNTRIES - USA, JAPAN, CHINA, FRANCE, INDIA, SOUTH KOREA, RUSSIA AND BRAZIL

**III. INDUSTRY OVERVIEW**

49. INTRAVENOUS DIAGNOSTICS - BY TYPE - FFR - GEOGRAPHIC REGION CURRENT TRENDS, ESTIMATES & FORECASTS FOR USA, JAPAN, EUROPE AND REST OF WORLD - (2012-2018, IN USD$ MILLION)

50. INTRAVENOUS DIAGNOSTICS – BY TYPE - OCT - GEOGRAPHIC REGION CURRENT TRENDS, ESTIMATES & FORECASTS FOR USA, JAPAN, EUROPE AND REST OF WORLD - (2012-2018, IN USD$ MILLION)

51. ESTIMATED DIRECT AND INDIRECT COSTS OF CARDIOVASCULAR DISEASES IN THE UNITED STATES OF AMERICA - (2010, IN USD BILLION)

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54. PROJECTIONS OF CRUDE CARDIOVASCULAR DISEASE PREVALENCE - (% - 2010-2030) IN THE UNITED STATES

55. PROJECTED DIRECT MEDICAL COSTS OF CARDIOVASCULAR DISEASE - ($USD BILLION, 2010-2030) IN THE UNITED STATES

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58. LIST OF APPROVALS FOR CARDIOVASCULAR MEDICAL DEVICES IN 2013

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61. CARDIAC ARRHYTHMIAS DRUG TREATMENT PRODUCT LAUNCHES WITH GENERIC NAME

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63. PERIPHERAL VASCULAR DISEASE (PVD) DRUG TREATMENT PRODUCT LAUNCHES WITH GENERIC NAME

64. ANNUAL SALES OF CARDIAC THERAPY PRODUCTS MARKETED BY THERAPY AREA - (2010-2012, IN US$ MILLION)

65. ABIOMED, INC. - PRODUCT REVENUE, FOR 2011-2013 (IN US$ '000)

66. ACCELLENT, INC. - NET REVENUE, FOR 2011 AND 2012 (IN US$ '000)

67. ALERE, INC. - NET REVENUE BY MARKET SEGMENT, FOR 2012 AND 2013 (IN US$ '000)

68. AMBU A/S, INC. - NET REVENUE BY MARKET SEGMENT AND GEOGRAPHY, FOR 2012 & 2013 (IN DKK MILLION)

69. ANGIODYNAMICS, INC. - NET REVENUE BY MARKET SEGMENT AND GEOGRAPHY, FOR 2012 & 2013 (IN USD$ '000)

70. ATRICURE, INC. - NET SALES BY PRODUCT IN DOMESTIC & INTERNATIONAL AND GEOGRAPHY, FOR 2012 & 2013 (IN US$ '000)

71. BAXTER INTERNATIONAL, INC. - NET SALES BY MARKET SEGMENT AND GEOGRAPHY, FOR 2012 & 2013 (IN USD$ MILLION)

72. BECTON, DICKINSON & CO - NET SALES BY MARKET SEGMENT, FOR 2011-2013 (IN USD$ MILLION)

73. BIOHEART, INC. - NET SALES, FOR 2011-2013 (IN US$ '000)

74. BIOSENSORS INTERNATIONAL GROUP, LTD. - NET SALES REVENUE BY MARKET SEGMENT, LICENSING AND GEOGRAPHY, FOR 2012 & 2013 (IN US$ '000)

75. BIOTELEMETRY, INC. - NET SALES REVENUE AND GROSS PROFIT, FOR 2011-2013 (IN US$ '000)

76. BOSTON SCIENTIFIC CORPORATION - NET REVENUE BY MARKET SEGMENT AND GEOGRAPHY, FOR 2011-2013 (IN USD$ MILLION)

77. C. R. BARD, INC. - NET REVENUE BY MARKET SEGMENT AND GEOGRAPHY, FOR 2011-2013 (IN US$ MILLION)

78. CARDICA, INC. - NET REVENUE, FOR 2011-2013 (IN US$ '000)

79. COMPUMED. INC. - NET REVENUE BY MARKET SEGMENT, FOR 2012 AND 2013 IN USD

80. COVIDEN, INC. - NET REVENUE BY MARKET SEGMENT & GEOGRAPHY, FOR 2011-2013 (IN US$ MILLION)

81. COVIDEN, INC. - NET REVENUE BY MARKET SEGMENT, FOR USA AND NON-USA FOR 2011-2013 (IN US$ MILLION)

82. CONMED CORPORATION - NET REVENUE BY MARKET SEGMENT AND GEOGRAPHY, FOR 2011-2013 (IN US$ '000)

83. CRYOLIFE, INC. - NET REVENUE BY MARKET SEGMENT, FOR 2011-2013 (IN US$ '000)

84. CRYOLIFE, INC. - NET REVENUE BY GEOGRAPHY, FOR 2011-2013 (IN US$ '000)

85. DELTEX MEDICAL GROUP PLC - NET REVENUE BY MARKET SEGMENT, FOR 2012 AND 2013 (IN US$ '000)

86. DIGIRAD CORPORATION - NET REVENUE BY MARKET SEGMENT, FOR 2011-2013 (IN US$ '000)

87. DRÄGER MEDICAL AG & CO. KG - NET REVENUE BY MARKET SEGMENT AND GEOGRAPHY, FOR 2012 AND 2013 (IN US$ 'MILLION)

88. EDWARDS LIFESCIENCES LLC - NET REVENUE BY MARKET SEGMENT AND GEOGRAPHY, FOR 2011-2013 (IN US$ 'MILLION)

89. ENDOLOGIX, INC, - NET REVENUE BY GEOGRAPHY, FOR 2011-2013 (IN US$ MILLION)

90. HEARTWARE, LTD. - NET REVENUE BY GEOGRAPHY, FOR 2011-2013 (IN US$ '000)

91. HOSPIRA, INC. - NET REVENUE BY MARKET SEGMENT AND GEOGRAPHY, FOR 2011-2013 (IN US$ MILLION)

92. INDRAPRASTHA APOLLO HOSPITAL - NET REVENUE, FOR 2012-2013 (IN INDIAN RUPEES)

93. INSPIREMD, LTD. - NET REVENUE, FOR 2012-2013 (IN US$ '000)

94. JOHNSON & JOHNSON - NET REVENUE BY MARKET SEGMENT AND GEOGRAPHY, FOR 2011-2013 (IN US$ MILLION)

95. KONINKLIJKE DSM N.V - NET REVENUE BY MARKET SEGMENT AND GEOGRAPHY, FOR 2012 AND 2013 IN (EURO MILLION)

96. LOMBARD MEDICAL TECHNOLOGIES PLC - NET REVENUE, FOR 2011-2013 (IN US$ '000)

97. OPTO CIRCUITS (INDIA) LIMITED - NET REVENUE BY CONSOLIDATED AND STANDALONE, FOR 2011-2013 (IN INDIAN RUPEES)

98. MICROPORT MEDICAL (SHANGHAI) CO. LTD - NET REVENUE, FOR 2012 AND 2013 SIX MONTHS ENDED 30TH JUNE (IN RMB'000)

99. ST. JUDE MEDICAL, INC. - NET REVENUE BY MARKET SEGMENT AND GEOGRAPHY, FOR 2011-2013 (US$ IN MILLION)

100. TTK - NET REVENUE BY MARKET SEGMENT, FOR 2011-2013 (IN INDIAN RUPEES)

101. CARDIUM THERAPEUTICS, INC. - NET REVENUE, FOR 2012-2013 ENDED FOR NINE MONTHS (IN US$ MILLION)

102. MERIT MEDICAL SYSTEMS, INC. - NET REVENUE BY MARKET SEGMENT, FOR 2011-2013 (IN US$ '000)

103. SPECTRANETICS INTERNATIONAL B.V - NET REVENUE BY MARKET SEGMENT AND GEOGRAPHY, FOR 2011-2013 (IN US$ '000)

104. VARIAN MEDICAL - NET REVENUE BY MARKET AND GEOGRAPHY, FOR 2011-2013 (IN US$ MILLION)

105. TELEFLEX MEDICAL - NET REVENUE BY MARKET SEGMENT AND GEOAGRAPHY, FOR 2011-2013 (IN US$ MILLION)

106. ABBOTT VASCULAR DEVICES - NET REVENUE BY MARKET SEGMENT AND GEOGRAPHY, FOR 2011-2013 (IN US$ MILLION)

107. MEDTRONIC, INC - NET REVENUE BY MARKET SEGMENT AND GEOGRAPHY, FOR 2011-2012 (IN US$ MILLION)

108. AORTECH INTERNATIONAL PLC - NET REVENUE BY GEOGRAPHY, FOR 2011-2013 (IN US$ '000)

109. VOLCANO CORPORATION - NET REVENUE BY MARKET SEGMENT AND GEOGRAPHY, FOR 2011 & 2012 (IN US$ '000)

110. PHILIPS MEDICAL SYSTEMS - NET REVENUE BY MARKET SEGMENT AND GEOGRAPHY, FOR 2011 & 2012 (IN US$ '000)

111. ATCOR MEDICAL HOLDINGS LIMITED - NET REVENUE BY GEOAGRAPHY, FOR 2012 AND 2013 (IN US$ MILLION)

112. LIDCO GROUP PLC - NET REVENUE BY PRODUCTS AND GEOGRAPHY, FOR 2011-2013 (IN GBP£ '000)

113. SORIN GROUP USA, INC. - NET REVENUE BY MARKET SEGMENT AND GEOAGRAPHY, 2011-2013 (IN EURO MILLION)

114. THORATEC CORPORATION - NET REVENUE BY MARKET SEGMENT AND GEOGRAPHY, FOR 2011 & 2012 (IN US$ '000)

115. STEREOTAXIS, INC. - NET REVENUE BY PRODUCT AND GEOGRAPHY, FOR 2011 & 2012 (IN USD)

116. F.HOFFMANN-LA ROCHE LTD - NET REVENUE BY MARKET SEGMENT, FOR 2011-2013 (IN CHF MILLION)

117. PULSION MEDICAL SYSTEMS SE - NET REVENUE BY PRODUCT AND GEOGRAPHY, FOR 2012-2013 (IN EURO '000)

118. NOVADAQ TECHNOLOGIES INC - NET REVENUE BY CATEGORY AND GEOGRAPHY, FOR 2011-2013 (IN USD)

119. SIEMENS MEDICAL SOLUTIONS USA, INC. - NET REVENUE BY GEOGRAPHY AND MARKET SEGMENT, FOR 2012 AND 2013 (IN € MILLION)

120. FUKUDA DENSHI CO. LTD - NET REVENUE BY MARKET SEGMENT, FOR 2011-2013 (IN MILLION YEN)

121. NIHON KOHDEN CORPORATION - NET REVENUE BY MARKET SEGMENT AND GEOGRAPHY, FOR 2011-2013 (IN MILLION YEN)

122. LEPU MEDICAL TECHNOLOGY (BEIJING) CO., LTD - NET REVENUE BY MARKET SEGMENT AND GEOGRAPHY, FOR 2011 AND 2012 (IN YUAN)

123. ASAHI KASEI CORPORATION - NET REVENUE BY MARKET SEGMENT AND GEOGRAPHY, FOR 2011-2013 (IN ‘¥’ YEN)

**KEY COMPANY PROFILES**

**NORTH AMERICA**

ALERE, INC.

CARDIOROBOTICS, INC.

INTERFACE BIOLOGICS, INC.

MERIDIAN HEALTH SYSTEM, INC

CARDIVA MEDICAL, INC.

LOMBARD MEDICAL TECHNOLOGIES PLC

DELTEX MEDICAL GROUP PLC

BIOTELEMETRY, INC.

BIOHEART, INC.

ASAHI INTECC CO., LTD.

ANGIODYNAMICS, INC.

MERIT MEDICAL SYSTEMS, INC.

MOLECULAR DEVICES, LLC

ACCELLENT, INC.

MEDTRONIC, INC.

ABBOTT VASCULAR DEVICES

CAMBRIDGE HEART, INC.

GREATBATCH, INC.

ABIOMED, INC.

ADVANSOURCE BIOMATERIALS CORPORATION

ATRICURE, INC.

ATRIUM MEDICAL CORPORATION

BIOPHAN TECHNOLOGIES, INC.

BIOSENSE WEBSTER, INC.

BOSTON SCIENTIFIC CORPORATION

CARDIAC SCIENCE CORPORATION

CARDIACASSIST, INC.

CARDICA, INC.

COOK GROUP INCORPORATED

CORDIS CORPORATION

CRYOLIFE INC.

MAQUET GMBH & CO. KG

DIGIRAD CORPORATION

EDWARDS LIFESCIENCES, LLC.

ENDOLOGIX INCORPORATED

ISSYS SENSING SYSTEMS, INC

APTUS ENDOSYSTEMS, INC.

FLUXION

JOHNSON & JOHNSON

KONINKLIJKEDSM N.V.

MEDRAD, INC.

BIOCLINICA

MILLAR INSTRUMENTS, INC

MONEBO TECHNOLOGIES, INC.

MORTARA INSTRUMENT, INC.

SIEMENS MEDICAL SOLUTIONS USA, INC.

SONOSITE, INC.

SORIN GROUP USA, INC.

ST. JUDE MEDICAL

STEREOTAXIS, INC.

TELEFLEX, INC.

CARDIOVASCULARSYSTEMS, INC.

TERUMO CARDIOVASCULAR SYSTEMS CORPORATION

TERUMO HEART, INC.

THORATEC CORPORATION

VICOR TECHNOLOGIES, INC.

VOLCANO CORPORATION

COMPUMED, INC.

PULSION MEDICAL SYSTEMS SE

3M HEALTHCARE

BAXTER INTERNATIONAL INC.

BECTON, DICKINSON & CO.

NOVADAQ TECHNOLOGIES INC.

SCOTTCARE CARDIOVASCULAR SOLUTIONS

VARIAN MEDICAL SYSTEMS, INC.

THERMEDICS, INC.

LEVITRONIX, LLC

SUNSHINE HEART, INC.

ACCUTECH, LLC

ASH ACCESS TECHNOLOGY, INC.

C. R. BARD, INC.

CONMED CORPORATION

HOSPIRA, INC.

SURGICAL SPECIALISTIES CORPORATION

CARDIUM THERAPEUTICS, INC.

CIRCULITE, INC.

CARDIOCOMM SOLUTIONS, INC.

**EUROPE**

BERLIN HEART GMBH

ESAOTE S.P.A

SOPHION BIOSCIENCE A/S

BIOTRONIK GMBH & CO. KG.

DRÄGER MEDICAL AG & CO. KG

BIOTEQUE CORPORATION

SPECTRANETICS INTERNATIONAL B.V

AORTECH INTERNATIONAL, PLC.

APC CARDIOVASCULAR, LTD.

ARTERIAL REMODELING TECHNOLOGIES

GE HEALTHCARE

LIDCO GROUP PLC

PHILIPS MEDICAL SYSTEMS

SMITH & NEPHEW PLC

VASCULAR CONCEPTS

AMBU A/S

FLEMING MEDICAL LIMITED

COVIDIEN PLC

**ASIA-PACIFIC**

NIHON KOHDEN CORPORATION

ALL PRO CORPORATION

FUKUDA DENSHI CO., LTD.

SICHUAN JINJIANG ELECTRONIC SCIENCE AND TECHNOLOGY CO., LTD

SYNCARDIA SYSTEMS, INC.

MICROPORTS MEDICAL

LEPU MEDICAL

BEIJING ANZHEN HOSPITAL

FUDAN UNIVERSITY ZHONGSHAN HOSPITAL

INDRAPRASTHA APOLLO HOSPITAL

SAHAJANAND MEDICAL TECHNOLOGIES PVT.,LTD.

OPTO CIRCUITS INDIA LIMITED

ASAHI KASEI CORPORATION

ASIAN HEART INSTITUTE

NARAYANA HRUDAYALAYA

USCOME LIMITED

HEARTWARE LTD.

BIOSENSORS INTERNATIONAL GROUP, LTD.

ATCOR MEDICAL HOLDINGS LIMITED

CATHRX LTD

TTK HEALTHCARE

GOODMAN CO., LTD.

**REST OF WORLD**

INSPIREMD LTD.

ITGI MEDICAL LTD.

MEDINOL, LTD.

GAMIDA CELL LTD.

AEROTEL MEDICAL SYSTEMS, LTD.