**REPORT DESCRIPTION**

**Global Market Watch:**

Global Hemodynamic Monitoring Devices sector is projected to reach US$1.3 billion by 2016. The North America accounts for nearly 32% (2015) of the global share while Europe claims approximately 29% (2018). Asia-Pacific is the fastest growing region with a CAGR of 27.3% driving a market value of US$283 million by 2015. On a global scale, projections for Cardiac Output Monitoring Devices indicate more than 50% market share leaving the rest of the market to the Pulmonary Artery Catheters.

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 **‘Hemodynamic Monitoring Devices - Global Trends, Estimates and Forecasts, 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. Further, the subdivided categories include:

**Hemodynamic Monitoring Devices – By Type**

1. Cardiac Output Monitoring Devices (Invasive, Minimally Invasive and Non-Invasive Devices)
2. Pulmonary Artery Catheters (PAC)

The period considered for the hemodynamic monitoring devices market analysis is 2012-2018. The region wise distribution of the market consists of North America (USA and Canada), Europe (Germany, France, United Kingdom, Italy, Spain, Russia, Belgium and Rest of Europe), Asia-Pacific (Japan, China, India, New Zealand, South Korea, Australia and Rest of Asia-Pacific)), Latin America (Brazil, Argentina and Rest of Latin America) and Rest of World (South Africa, Middle East and Rest of Rest of World). The market growth rate in the major economies such as the U.S., Japan, China etc. are estimated individually.

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 132 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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49. PULMONARY ARTERY CATHETERS (PAC) - % OF JAPAN, CHINA, INDIA, NEW ZEALAND, SOUTH KOREA, AUSTRALIA AND REST OF ASIA-PACIFIC MARKET VALUE - (2015-2018)

#### LATIN AMERICA

50. PULMONARY ARTERY CATHETERS (PAC) MARKET - BRAZIL, ARGENTINA AND REST OF LATIN AMERICA - (2012-2018, IN USD$ MILLION)

51. PULMONARY ARTERY CATHETERS (PAC) - % OF BRAZIL, ARGENTINA AND REST OF LATIN AMERICA MARKET VALUE - (2015-2018)

#### REST OF WORLD

52. PULMONARY ARTERY CATHETERS (PAC) MARKET - SOUTH AFRICA, MIDDLE EAST AND REST OF REST OF WORLD - (2012-2018, IN USD$ MILLION)

53. PULMONARY ARTERY CATHETERS (PAC) - % OF SOUTH AFRICA, MIDDLE EAST AND REST OF REST OF WORLD MARKET VALUE - (2015-2018)

**B. GROWTH RATE ANALYSIS**

GLOBAL HEMODYNAMIC MONITORING DEVICES - MARKET GROWTH RATES

54. HEMODYNAMIC MONITORING DEVICES MARKET - GEOGRAPHIC REGION - % GROWTH RATE FORECASTS - (2012-2018)

GLOBAL HEMODYNAMIC MONITORING DEVICES - GROWTH RATES

55. HEMODYNAMIC MONITORING DEVICES - % GROWTH RATE FORECASTS FOR CARDIAC OUTPUT MONITORING DEVICES AND PULMONARY ARTERY CATHETERS (PAC) - (2012-2018)

**C. INVESTMENT FOCUS**

56. HEMODYNAMIC MONITORING DEVICES - FORECASTED CAGR% - 2012-2018 - TOP 8 COUNTRIES - USA, JAPAN, CHINA, FRANCE, INDIA, SOUTH KOREA, RUSSIA AND BRAZIL

57. HEMODYNAMIC MONITORING DEVICES - CARDIAC OUTPUT MONITORING DEVICES AND PULMONARY ARTERY CATHETERS - FORECASTED CAGR% - VALUE - 2012-2018 - TOP 8 COUNTRIES - USA, JAPAN, CHINA, FRANCE, INDIA, SOUTH KOREA, RUSSIA AND BRAZIL

**III. INDUSTRY OVERVIEW**

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

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

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

61. PROJECTED TOTAL COSTS OF CARDIOVASCULAR DISEASES IN THE UNITED STATES OF AMERICA - (2015-2030, IN USD BILLION)

62. ESTIMATED DIRECT AND INDIRECT COSTS OF CARDIOVASCULAR DISEASE BY AGE - (2012, IN USD BILLION)

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

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

65. PROJECTED INDIRECT LOST PRODUCTIVITY COSTS OF CARDIOVASCULAR DISEASE - ($USD BILLION, 2010-2030) IN THE UNITED STATES

66. LIST OF APPROVALS FOR CARDIOVASCULAR MEDICAL DEVICES IN 2014

67. LIST OF APPROVALS FOR CARDIOVASCULAR MEDICAL DEVICES IN 2013

68. WORLDWIDE KEY PLAYERS INTO CARDIOVASCULAR DEVICES INDUSTRY THAT PROJECT IMPROVED MARKET ACTIVITIES IN THE NEAR FUTURE

69. COVERAGE OF CARDIAC DEVICES MARKETED AND PIPELINE PRODUCTS

70. CARDIAC ARRHYTHMIAS DRUG TREATMENT PRODUCT LAUNCHES WITH GENERIC NAME

71. CIRCADIAN RHYTHM SLEEP DISORDERS DRUG TREATMENT PRODUCT LAUNCHES WITH GENERIC NAME - 2014

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

132. 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.