**REPORT DESCRIPTION**

**Global Market Watch:**

Global Peripheral Vascular Devices sector forecasts to reach US$5 billion by 2016 at a CAGR of 10.8% during the analysis period 2012-2018. North American region accounts for highest percentage approximately 42% (2015) of global share while Europe follows next with nearly 27.7% (2018) of the market. Asia-Pacific is the fastest growing region with a CAGR of 12.5% driving a market value of US$1 billion by 2015.

On a global scale, projections for Peripheral Vascular Stents market value indicate nearly 36% by 2015 leaving the rest of the market to the Vascular Closure Devices, AAA Stent Grafts, Inferior Vena Cava (IVC) Filters)…etc. Geographical analysis for Peripheral Guidewires market shows that the highest Compounded Annual Growth Rate (CAGR) of 13.8% is anticipated from Asia-Pacific region during the analysis period 2012-2018. Europe follows Asia-Pacific with a CAGR of 12.7% while the North America forecasts to drive with a growth rate of 10.8%.

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 **‘Peripheral Vascular 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:

**Peripheral Vascular Devices – By Type**

1. Peripheral Vascular Stents
   1. Balloon-Expandable (BE)/Covered Stent
   2. Self-Expanding (SE) Stents
2. Vascular Closure Devices
   1. Active/Arterial Closure Devices
   2. Passive Closure Devices
3. AAA Stent Grafts
4. Inferior Vena Cava (IVC) Filters
   1. Retrievable Filters
   2. Permanent IVC Filters
5. Peripheral Guidewires
6. Atherectomy Devices
   1. Orbital
   2. Rotational
   3. Laser
   4. Directional
7. Chronic Total Occlusion (CTO) Devices
8. Thrombectomy Devices
   1. Percutaneous Aspiration Thrombectomy
   2. Pullback Thrombectomy and Trapping
   3. Recirculation Mechanical Thrombectomy
   4. Direct Contact Mechanical Fragmentation &
   5. Ultrasound
9. Embolic Protection Devices (EPD)
   1. Carotid Artery Stenting
   2. Transcatheter Aortic Valve Replacement (TAVR)

**\* EPD types include (filter devices, distal occlusion balloon devices & proximal 'or' catheter occlusion devices)**

The period considered for the peripheral vascular 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 228 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.

**TABLE OF CONTENTS**

**I. REPORT FOCUS**

**A. INTRODUCTION**

**CARDIOLOGY**

KINDS OF CARDIAC CONDITIONS

**A. BLOOD FLOW IN THE HEART**

**B. HEART MALFUNCTION**

TYPES OF CARDIAC ARREST

**C. MYOCARDIUM**

DISORDERS OF MYOCARDIUM

**D. PERICARDIUM**

**E. HEART VALVES**

DISORDERS OF HEART VALVES

**F. CONGENITAL HEART DEFECT**

TYPES OF CONGENITAL HEART DEFECT

**G. AILMENTS OF BLOOD VESSELS (VASCULAR DISEASES)**

**H. HEART FAILURE**

**B. CARDIOVASCULAR DEVICES**

DEVICES FOR ENDOVASCULAR ANEURYSM REPAIR AND REPLACEMENT

TECHNIQUES TO PREVENT CORONARY BLOOD VESSEL SYNDROME

TOOLS DEPLOYED IN CARDIOLOGY

DIAGNOSTIC TESTS AND PROCEDURES

CONCLUSION

**C. PERIPHERAL VASCULAR DEVICES**

**PERIPHERAL VASCULAR DISEASE (PVD)**

AN EVALUATION OF BALLOON-EXPANDABLE-STENT IMPLANTATION WITH BALLOON ANGIOPLASTY IN PATIENTS WITH CORONARY ARTERY DISEASE

CARDIOVASCULAR DEATHS KEY FACTS

**I. PERIPHERAL VASCULAR STENTS**

APPROVED STENTS

**II. VASCULAR CLOSURE DEVICES**

MANUAL COMPRESSION

**ARTERIAL CLOSURE DEVICES (ACDS):**

**PASSIVE VASCULAR CLOSURE DEVICES:**

PASSIVE VASCULAR CLOSURE DEVICES - LIST OF DEVICES

**ACTIVE VASCULAR CLOSURE DEVICES:**

**CONCLUSION**

GLOBAL VASCULAR CLOSURE DEVICES MARKET WILL CONTRACT SCARCELY THROUGH 2022

**III. AAA STENT GRAFTS**

**AAA PREVALENCE**

**AAA SYMPTOMS**

**AAA DIAGNOSIS**

BENEFITS OF INTERVENTIONAL REPAIR

DISADVANTAGES OF INTERVENTIONAL REPAIR

**IV. INFERIOR VENA CAVA (IVC) FILTERS**

PREVALENT ISSUES RELATING TO FAILURE, TO INCLUDE DEATH (THE OTHER 4% OF CASES) INCLUDE

**ANTICOAGULATION**

SIDE EFFECTS

**INFERIOR VENA CAVA FILTER PLACEMENT AND ABSTRACTION**

**RETRIEVAL**

**PERIPHERAL GUIDEWIRES**

**V. ATHERECTOMY DEVICES**

THE UTILIZATION OF ATHERECTOMY AS EFFICACIOUS IN THE PERIPHERAL VESSELS IN PATIENTS WHO MEET THE FOLLOWING CRITERIA

COMPETITIVE CHANGES

MEDTRONIC LAUNCHES ASPIRATION CATHETER

STRATEGIES FOR OPTIMIZING ATHERECTOMY DEVICES SELECTION, TECHNIQUES

ATHERECTOMY: THE LITTLE DEVICES THAT COULD

COMPLEX DISEASE STATE

**VI. CHRONIC TOTAL OCCLUSION (CTO) DEVICES**

**PERIPHERAL CTO CROSSING DEVICES**

TRUPATH® PERIPHERAL CTO CROSSING DEVICES - FEATURES

VIANCE & ENTEER PERIPHERAL CTO CROSSING SOLUTIONS

CHRONIC TOTAL OCCLUSION ANGIOPLASTY IN THE UNITED STATES

**BENEFITS OF CTO-PCI**

THE BARRIERS TO PERFORMING CTO-PCI

**CTO-PCI TECHNIQUES**

1. ANTEGRADE TECHNIQUES

2. RETROGRADE TECHNIQUES

**CONCLUSION**

**VII. THROMBECTOMY DEVICES**

**A. PERCUTANEOUS ASPIRATION THROMBECTOMY**

**B. PULLBACK THROMBECTOMY AND TRAPPING**

*MERCI RETRIEVAL SYSTEM*

**C. RECIRCULATION MECHANICAL THROMBECTOMY**

*HELIX CLOT BUSTER*

*THROMCAT THROMBECTOMY CATHETER*

*ANGIOJET*

HYDROLYSER PERCUTANEOUS THROMBECTOMY CATHETER

**D. DIRECT CONTACT MECHANICAL FRAGMENTATION**

**VIII. EMBOLIC PROTECTION DEVICES (EPD)**

VARIOUS EPD TYPES ARE EXPOUNDED BELOW

**A. BALLOON OCCLUSION DEVICES**

**B. CATHETER OCCLUSION DEVICES**

ONE IN 4 CVADS MAY BECOME OCCLUDED

FIBRIN FORMATION IS A NATURAL PROCESS

SUMMARY

**C. FILTER DEVICES**

**EPD PROCEDURES**

**A. CAROTID ARTERY STENTING**

QUESTIONING THE SYSTEMS

**B. TRANSCATHETER AORTIC VALVE (TAVR)**

TAVR: A 10-YEAR EVOLUTION FROM CONCEPTION TO ESTABLISHED THERAPY

VALVE-IN-VALVE REGISTRY

TRANSCATHETER APPROACHES TO TREAT FAILING PROSTHETIC VALVES

ADVANCES IN IMAGING IN TAVR

ONGOING ISSUES IN TAVR

CONCLUSION

**D. PERIPHERAL VASCULAR DEVICES - MARKET BRIEFING**

NORTH AMERICA

EUROPE

ASIA-PACIFIC

LATIN AMERICA

REST OF WORLD

**II. MARKET ANALYSIS**

PERIPHERAL VASCULAR DEVICES – INDUSTRY SNAPSHOT

**A. PERIPHERAL VASCULAR DEVICES - SEGMENTATION**

**PERIPHERAL VASCULAR DEVICES - GLOBAL**

**PERIPHERAL VASCULAR DEVICES - BY GEOGRAPHY**

#### NORTH AMERICA

#### EUROPE

#### ASIA-PACIFIC

#### LATIN AMERICA

#### REST OF WORLD

**PERIPHERAL VASCULAR DEVICES – BY TYPE**

**PERIPHERAL VASCULAR DEVICES - BY GEOGRAPHY**

**PERIPHERAL VASCULAR STENTS**

#### NORTH AMERICA

#### EUROPE

#### ASIA-PACIFIC

#### LATIN AMERICA

#### REST OF WORLD

**VASCULAR CLOSURE DEVICES**

#### NORTH AMERICA

#### EUROPE

#### ASIA-PACIFIC

#### LATIN AMERICA

#### REST OF WORLD

**AAA STENT GRAFTS**

#### NORTH AMERICA

#### EUROPE

#### ASIA-PACIFIC

#### LATIN AMERICA

#### REST OF WORLD

**INFERIOR VENA CAVA (IVC) FILTERS**

#### NORTH AMERICA

#### EUROPE

#### ASIA-PACIFIC

#### LATIN AMERICA

#### REST OF WORLD

**PERIPHERAL GUIDEWIRES**

#### NORTH AMERICA

#### EUROPE

#### ASIA-PACIFIC

#### LATIN AMERICA

#### REST OF WORLD

**ATHERECTOMY DEVICES**

#### NORTH AMERICA

#### EUROPE

#### ASIA-PACIFIC

#### LATIN AMERICA

#### REST OF WORLD

**CHRONIC TOTAL OCCLUSION (CTO) DEVICES**

#### NORTH AMERICA

#### EUROPE

#### ASIA-PACIFIC

#### LATIN AMERICA

#### REST OF WORLD

**THROMBECTOMY DEVICES**

#### NORTH AMERICA

#### EUROPE

#### ASIA-PACIFIC

#### LATIN AMERICA

#### REST OF WORLD

**EMBOLIC PROTECTION DEVICES (EPD)**

#### NORTH AMERICA

#### EUROPE

#### ASIA-PACIFIC

#### LATIN AMERICA

#### REST OF WORLD

**B. GROWTH RATE ANALYSIS**

GLOBAL CARDIAC RHYTHM MANAGEMENT (CRM) DEVICES MARKET GROWTH RATES

**PERIPHERAL VASCULAR DEVICES MARKET - TYPES**

GLOBAL PERIPHERAL VASCULAR DEVICES TYPES - GROWTH RATES

**C. INVESTMENT FOCUS**

**III. INDUSTRY OVERVIEW**

FREQUENT OCCURRENCES OF CARDIOVASCULAR DISEASES WITNESS IMPROVEMENTS IN MEDICAL DEVICES FOR CARDIOVASCULAR APPLICATIONS

AN ENCOURAGING JAB FOR TORPID PERIODS

**A. A REVIEW ON CARDIAC MEDICAL DEVICE TYPES**

**CARDIAC RHYTHM MANAGEMENT DEVICES**

CRM IN EUROPE

**CARDIAC DEFIBRILLATORS**

RAPID GROWTH IN DEFIBRILLATOR SALES

**CARDIAC PACEMAKER DEVICES**

THE DATA COLLECTION WORK

**CARDIAC RESYNCHRONIZATION THERAPY (CRT)**

**CARDIAC MONITORING AND DIAGNOSTIC DEVICES**

THE PROGRESSIVE AND FREQUENT OCCURRENCES OF HEART DISEASES TO ENCOURAGE HUGE DEMAND OF DIAGNOSTIC CARDIAC MONITORING SYSTEMS

INCORPORATION OF SYSTEMS WITH EMR TO BOOST EXTENDED GROWTH OF MARKET

THE NORTH AMERICAN CARDIAC MONITORING DEVICES MARKET OVERVIEW

**INTERVENTIONAL CARDIAC DEVICES**

**CORONARY STENTS**

EVOLUTION OF STENT TECHNOLOGY ATTRACTS HUGE ATTENTION

**FFR IMPACT ON DES MARKET**

MARKET FORECASTS AN IMPACT OF FFR AND OCT ON THE DES MARKET

**CARDIAC CATHETERS**

COMPETITIVE ANALYSIS

**ELECTROPHYSIOLOGY CATHETERS (EP)**

GROWTH IN ELECTROPHYSIOLOGISTS IN EUROPE

DIAGNOSTIC EP CATHETERS, ABLATION DEVICES SEE STRONG INDUSTRY GROWTH

**EP MAPPING**

NEW AF ABLATION DEVICES SEEK APPROVAL

**ATRIAL FIBRILLATION (AF)**

**INTRAVASCULAR ULTRASOUND (IVUS)**

GO WITH THE FLOW: FRACTIONAL FLOW RESERVE, THAT IS

**PERIPHERAL VASCULAR DEVICES**

**ARTERIOTOMY CLOSURE DEVICES**

**EMBOLIC PROTECTION DEVICES (EPD)**

**INFERIOR VENA CAVA (IVC) FILTERS**

CONCLUSION

**PERIPHERAL GUIDEWIRES**

**AV ACCESS THROMBECTOMY DEVICES**

**PROSTHETIC HEART VALVES**

**SWISS CARDIOVASCULAR DEVICES: A MARKET REVIEW**

MARKET CHALLENGES

**B. CARDIAC DEVICES: MORTALITY RISKS V/S AGE**

DRIVERS IN THE MEDICAL IMPLANT INDUSTRY

SIZE AND WEIGHT

POWER EFFICIENCY

PERFORMANCE SPECIFICATIONS

RISK MITIGATION AND RELIABILITY

EXCITING FUTURE PREDICTED FOR ADVANCED CARDIOVASCULAR DEVICES

**C. CARDIAC DISEASE: AN ECONOMIC PERSPECTIVE**

CARDIOVASCULAR DISEASE (CVD) AND ITS EFFECTS ON HEALTH AND ECONOMY

IMPACT OF CVD IN EUROPE

IMPACT ON NEW YORK STATE

ECONOMIC IMPACT OF CVD IN NYS

HEALTH AND ECONOMIC IMPACT OF HEART DISEASE PREVENTION

IMPACT OF CVD ON ECONOMIC STABILITY

**ECONOMIC COST OF CARDIOVASCULAR DISEASES**

**COST OF CARDIOVASCULAR DISEASE TO TRIPLE BY 2030**

**CARDIOVASCULAR DISEASE IS LARGELY PREVENTABLE**

**D. INFECTIOUS AND CARDIOVASCULAR DISEASES IN AFRICA AND BEYOND**

**E. RECENT FDA ACTIONS AND APPROVALS IN CARDIOVASCULAR DEVICES**

**F. MARKET TRENDS**

PATIENT ENROLLMENT BY CARDIAC DIMENSIONS IN TITAN II CLINICAL TRIAL

CEDARS-SINAI HEART INSTITUTE STUDY: STEM CELLS AUGMENTS HEART'S NATURAL REPAIR SYSTEMS

GE HEALTHCARE’S DISCOVERY IGS 730 SYSTEM, AN INNOVATION FOR HYBRID OPERATING ROOMS

GE’S AUTOMATED FUNCTION IMAGING FOR DAILY CLINICAL USE.

CRYOLIFE RECEIVES EXPANDED INDICATION FOR BIOFOAM IN CARDIOVASCULAR SURGERIES IN EUROPE

INNOVATIVE PROCEDURES TO TREAT PERIPHERAL ARTERY DISEASE (PAD)

TASK FORCE® MONITOR DEMONSTRATED AS EFFECTIVE AUTONOMIC BIOMARKER IN CFS PATIENTS

INNOVATION IN INTERVENTIONAL CARDIOLOGY: CATHETER RETRIEVAL OF INFECTIVE FLORA AND MOVABLE CLOTS FROM CARDIAC VALVES AND COMPARTMENTS

STEREO-TAXIS UNVEILS LATEST ELECTROPHYSIOLOGY PLATFORM: EPOCH (TM)

VICOR TECHNOLOGIES ACQUIRES FDA CLEARANCE OF 510(K) FOR ITS PD2I® NONLINEAR ALGORITHM AND SOFTWARE TO BE EMPLOYED IN CARDIOVASCULAR DISEASE TESTING

VICOR TECHNOLOGIES ACQUIRES FDA CLEARANCE OF 510(K) FOR ITS PD2I® NONLINEAR ALGORITHM AND SOFTWARE TO BE EMPLOYED IN CARDIOVASCULAR DISEASE TESTING

STEREO TAXIS REPORTS DEVELOPMENT OF CATHETER STRATEGIC AFFILIATION

GLP PRE-MEDICAL STUDIES EXHIBIT NCONTACT ABLATION LESIONS ARE COMPREHENSIVE AND TRANSMURAL

MODERNIZATIONS IN INTERVENTIONAL CARDIOLOGY: TECHNOLOGY, FINANCES AND POLITICAL POLICIES

B. BRAUN'S INTROCAN SAFETY® 3 CLOSED IV CATHETER IS PRESENTED WITH TOP INNOVATION AWARD

MID SECURES FIRST TRANCHE OF $5 MILLION SERIES B FINANCING

RESEARCH REVEALS THAT HUMAN HEARTS PRODUCES NEW CELLS AFTER BIRTH

A NEW TYPE OF NERVE CELL IDENTIFIED IN THE BRAIN

ROCHE TO ADVANCE 240 MILLION SWISS FRANCS IN DIAGNOSTICS PRODUCTION IN GERMANY

SORIN GROUP ANNOUNCES INVESTMENT IN HIGHLIFE.

FIRST 34 U.S. PATIENTS IMPLANTED WITH BIOTRONIK’S NEW EVIA HF-T PACEMAKER.

AORTECH LNTERNATIONAL PLC CLAIMS MATERIAL BREACH OF CONTRACT BY DIVISION OF ST. JUDE MEDICAL

SPECTRANETICS LAUNCHES U.S COMMENCEMENT OF THE TAPAS(TM) CATHETER AND PRECLINICAL ANIMAL DATA ON DRUG UPTAKE IN PERIPHERAL VESSELS

USCOM MAKES PRESENTATIONS AT WORLD HYPERTENSION CONGRESS

MORTARA INSTRUMENT, INC. LAUNCHES “BUILT WITH PRIDE IN MILWAUKEE” CAMPAIGN.

MALLINCKRODT JOINS PARTNERSHIP AT DRUGFREE.ORG TO INTRODUCE MEDICINE ABUSE PROJECT

DRUG-ELUTING STENTS ARE SECURE

CARDIAC SCIENCE BEGS TOP RANKING MD BUYLINE'S USER SATISFACTION SURVEY

ARTIFICIAL HEART SUCCESSFULLY IMPLANTED IN A BABY IN JAPAN FOR THE FIRST TIME

ARTERIAL REMODELING TECHNOLOGIES ANNOUNCES FIRST HUMAN USE OF ITS NEXT-GENERATION BIORESORBABLE STENT

ATRIUM MEDICAL CORPORATION RECEIVES PREMIER PERFORMANCE AWARD FOR OPERATIONAL EXCELLENCE.

BAYER HEALTHCARE DISCLOSES ADVANCES IN CT CONTRAST DOSE MANAGEMENT™ SOLUTIONS.

HRS: REMOTE PATIENT MONITORING TO MINIMIZE UNPLANNED ED ADMINS

FUTURE HOME HEALTH CARE EQUIPMENT TREND- TECHNOLOGY OUTLOOK

FORTUNE MAGAZINE NAMED ST. JUDE MEDICAL AS THE “MOST ADMIRED COMPANY”

BIOTRONIK OPENS NEW ASIA PACIFIC HEADQUARTERS IN SINGAPORE

COOK MEDICAL TO INVEST €16.5M IN IRISH MEDICAL TECHNOLOGY MARKET

MAJOR EVENTS IN CARDIOVASCULAR MEDICAL DEVICE SPACE

MEDICAL IMAGING EQUIPMENT OF SIEMENS HEALTHCARE WINS LARGEST ORDER IN LATIN AMERICA.

NEGATIVE TRENDS IN INNOVATION IN INTERVENTIONAL CARDIOLOGY DESPITE DECREASES IN CVD MORTALITY—INTERVENTIONAL CARDIOLOGISTS EXPRESS ANGUISH

FIRST IMPLANT OF BOSTON SCIENTIFIC'S WATCHMAN® DEVICE IN PATIENTS IN LATIN AMERICA

STUDY REVEALS THAT BAYER HEALTHCARE’S COTAVANCE® DRUG ELUTING BALLOONS WITH PACCOCATH® TECHNOLOGY REDUCED TARGET LESION REVASCULARIZATION (TLR) RATES BY 59% IN PAD PATIENTS COMPARED TO THOSE TREATED WITH UNCOATED BALLOONS.

USCOM PRESENTED NEW HYPERTENSION MANAGEMENT STUDY AT WORLD HYPERTENSION CONGRESS

SAHAJANAND MEDICAL TECHNOLOGIES AWARDED MEDICAL DEVICE COMPANY OF THE YEAR 2011

TERUMO CORPORATION, A WELL KNOWN PIONEER IN MEDICAL DEVICE TECHNOLOGY, CELEBRATES 90TH ANNIVERSARY

CARDICA ACHIEVES LANDMARK UNDER DISTRIBUTION AGREEMENT WITH CENTURY MEDICAL

SOLUTIONS FOR SUSTAINABLE CARDIOVASCULAR CARE AT THE EUROPEAN SOCIETY OF CARDIOLOGY (ESC)

EXCOR® PEDIATRIC VENTRICULAR ASSIST DEVICE RECOMMENDED BY FDA ADVISORY PANEL FOR USE IN THE UNITED STATES.

ZOLL NOMINATED TO GLOBE 100 AGAIN

USCOM ENTERS EUROPEAN MARKETS

POSITIVE GROWTH AND OUTLOOK FOR BIOTRONIK IN USA AND OTHER MARKETS

USCOM SECURES STRONG PRESENCE IN US AND CANADA

CARDIOMEMS AMONG THE TOP 10 INNOVATIVE TECHNOLOGY COMPANIES

COVIDIEN INTRODUCES NEW GLOBAL PACKAGING

STENTYS’S DRUG-ELUTING STENT RECEIVES MORE REIMBURSEMENT IN GERMANY.

SORIN GROUP INTRODUCES THE ACHIEVEMENT OF A KEY MILESTONE IN AORTIC VALVE REPLACEMENT

CARDIOMEMS RECEIVES GEORGIA BIO (GABIO) 2011 DEAL OF THE YEAR AWARD

USCOM EYES EASTERN EUROPEAN MARKET

VCU SUCCESSFULLY TRANSPLANTED 900TH TOTAL ARTIFICIAL HEART

INNOVATIVE TRENDS IN RECENT MEDICAL DEVICES

INFECTIONS FROM IMPLANTED CARDIAC DEVICES

TYRX REACHES MILESTONE IN AIGISRX IMPLANTATION

HEART TRANSPLANTS SUBSTITUTED BY A PUMP

DEVICES FOR TREATMENT OF ATRIAL FIBRILLATIONS (AF)

REMOTE MONITORING OF HEART FAILURE PATIENTS

EFFECTS OF REMOTE MONITORING OF IMPLANTED DEVICES

OAKWOOD HOSPITAL AND WAYNE STATE UNIVERSITY WORKING ON HEART IMPLANTATION

IMPLANTABLE CARDIAC MONITOR WITH HELPFUL APPROACH

OVER-THE-COUNTER APPARATUS

BOSTON SCIENTIFICS’ IMPLANTABLE DEFIBRILLATOR

CARDIAC SCIENCE’S NEW CARDIAC TREATMENT

THE ONLY SYNCHRONIZED SURGICAL AND CATHETER BASED ATRIAL FIBRILLATION

CARDIAC SCIENCE CORPORATION WITH CARDIAC DISEASES HEALING METHOD

LOCAL MEDICARE’S COVERAGE FOR HYPERTENSION WITH BIOZ(R) ICG TECHNOLOGY

A NEW STANDARD IN CARDIAC SPECT RECONSTRUCTION

A REVOLUTIONIZED ELECTROPHYSIOLOGY (EP) FOR CARDIAC

LIDCO PRODUCTS ACCEPTED IN SOUTH KOREA

INVENTION OF BI-DIRECTIONAL CARDIAC CATHETER FOR IRREGULAR HEART RHYTHMS

BEST AND LATEST SELF-TEACHING HEART SOUNDS

REPLACING VALVE WITHOUT CARDIAC SUPPORT

U.S. FDA GRANTS THE NAVISTAR® THERMOCOOL CATHETER FOR RAPID HEART BEAT

AN FDA US APPROVED TREATMENT FOR CLOGGED NECK ARTERIES

NEW-FANGLED SPECIALTY CATHETER BY ABBOTT AT THE USA

MEDICAL IMPLANT MARKETS UNDER THE INFLUENCE OF TECHNICAL TRENDS

**G. KEY COMPANY PROFILES**

NORTH AMERICA

EUROPE

ASIA-PACIFIC

REST OF WORLD

OTHER KEY COMPANY INDUSTRY ACTIVITES / PRODUCT LAUNCHES

CARDIAC DEVICES MARKETED AND PIPELINE PRODUCTS

CARDIAC MEDICAL DEVICES – PATENTS

KEY COMPANIES FINANCIAL OVERVIEW

**IV. INDUSTRY COMPANY DATABASE**

**V. APPENDIX**

RESEARCH FOCUS

ABOUT AXIS RESEARCH MIND

DISCLAIMER

FEEDBACK

**LIST OF TABLES/CHARTS**

**I. REPORT FOCUS**

1. LIST OF DEVICES & ITS MANUFACTURE WITH THE DEVICE SUCCESS RATE

2. UNADJUSTED RATES OF IN-HOSPITAL ADVERSE EVENTS BY CAROTID STENTING SYSTEM

3. ADJUSTED RISK OF THE PRIMARY OUTCOME BETWEEN SYSTEMS

4. LIST OF NEXT GENERATION TAVR SYSTEMS OF KEY MANUFACTURES

**D. PERIPHERAL VASCULAR DEVICES - MARKET BRIEFING**

**NORTH AMERICA**

5. PERIPHERAL VASCULAR DEVICES MARKET - PERIPHERAL VASCULAR STENTS, VASCULAR CLOSURE DEVICES (VCD), AAA STENT GRAFTS, INFERIOR VENA CAVA (IVC) FILTERS, PERIPHERAL GUIDEWIRES, ATHERECTOMY DEVICES, CHRONIC TOTAL OCCLUSION (CTO) DEVICES, THROMBECTOMY DEVICES AND EMBOLIC PROTECTION DEVICES (EPD) FOR NORTH AMERICA - (2012-2018, IN USD$ THOUSAND)

6. PERIPHERAL VASCULAR DEVICES - PERIPHERAL VASCULAR STENTS, VASCULAR CLOSURE DEVICES (VCD), AAA STENT GRAFTS, INFERIOR VENA CAVA (IVC) FILTERS, PERIPHERAL GUIDEWIRES, ATHERECTOMY DEVICES, CHRONIC TOTAL OCCLUSION (CTO) DEVICES, THROMBECTOMY DEVICES AND EMBOLIC PROTECTION DEVICES (EPD) - % OF NORTH AMERICA MARKET VALUE - (2015 - 2018)

**EUROPE**

7. PERIPHERAL VASCULAR DEVICES MARKET - PERIPHERAL VASCULAR STENTS, VASCULAR CLOSURE DEVICES (VCD), AAA STENT GRAFTS, INFERIOR VENA CAVA (IVC) FILTERS, PERIPHERAL GUIDEWIRES, ATHERECTOMY DEVICES, CHRONIC TOTAL OCCLUSION (CTO) DEVICES, THROMBECTOMY DEVICES AND EMBOLIC PROTECTION DEVICES (EPD) FOR EUROPE - (2012-2018, IN USD$ THOUSAND)

8. PERIPHERAL VASCULAR DEVICES - PERIPHERAL VASCULAR STENTS, VASCULAR CLOSURE DEVICES (VCD), AAA STENT GRAFTS, INFERIOR VENA CAVA (IVC) FILTERS, PERIPHERAL GUIDEWIRES, ATHERECTOMY DEVICES, CHRONIC TOTAL OCCLUSION (CTO) DEVICES, THROMBECTOMY DEVICES AND EMBOLIC PROTECTION DEVICES (EPD) - % OF EUROPEAN MARKET VALUE - (2015 - 2018)

**ASIA-PACIFIC**

9. PERIPHERAL VASCULAR DEVICES MARKET - PERIPHERAL VASCULAR STENTS, VASCULAR CLOSURE DEVICES (VCD), AAA STENT GRAFTS, INFERIOR VENA CAVA (IVC) FILTERS, PERIPHERAL GUIDEWIRES, ATHERECTOMY DEVICES, CHRONIC TOTAL OCCLUSION (CTO) DEVICES, THROMBECTOMY DEVICES AND EMBOLIC PROTECTION DEVICES (EPD) FOR ASIA-PACIFIC - (2012-2018, IN USD$ THOUSAND)

10. PERIPHERAL VASCULAR DEVICES - PERIPHERAL VASCULAR STENTS, VASCULAR CLOSURE DEVICES (VCD), AAA STENT GRAFTS, INFERIOR VENA CAVA (IVC) FILTERS, PERIPHERAL GUIDEWIRES, ATHERECTOMY DEVICES, CHRONIC TOTAL OCCLUSION (CTO) DEVICES, THROMBECTOMY DEVICES AND EMBOLIC PROTECTION DEVICES (EPD) - % OF ASIA-PACIFIC MARKET VALUE - (2015 - 2018)

**LATIN AMERICA**

11. PERIPHERAL VASCULAR DEVICES MARKET - PERIPHERAL VASCULAR STENTS, VASCULAR CLOSURE DEVICES (VCD), AAA STENT GRAFTS, INFERIOR VENA CAVA (IVC) FILTERS, PERIPHERAL GUIDEWIRES, ATHERECTOMY DEVICES, CHRONIC TOTAL OCCLUSION (CTO) DEVICES, THROMBECTOMY DEVICES AND EMBOLIC PROTECTION DEVICES (EPD) FOR LATIN AMERICA - (2012-2018, IN USD$ THOUSAND)

12. PERIPHERAL VASCULAR DEVICES - PERIPHERAL VASCULAR STENTS, VASCULAR CLOSURE DEVICES (VCD), AAA STENT GRAFTS, INFERIOR VENA CAVA (IVC) FILTERS, PERIPHERAL GUIDEWIRES, ATHERECTOMY DEVICES, CHRONIC TOTAL OCCLUSION (CTO) DEVICES, THROMBECTOMY DEVICES AND EMBOLIC PROTECTION DEVICES (EPD) - % OF LATIN AMERICA MARKET VALUE - (2015 - 2018)

**REST OF WORLD**

13. PERIPHERAL VASCULAR DEVICES MARKET - PERIPHERAL VASCULAR STENTS, VASCULAR CLOSURE DEVICES (VCD), AAA STENT GRAFTS, INFERIOR VENA CAVA (IVC) FILTERS, PERIPHERAL GUIDEWIRES, ATHERECTOMY DEVICES, CHRONIC TOTAL OCCLUSION (CTO) DEVICES, THROMBECTOMY DEVICES AND EMBOLIC PROTECTION DEVICES (EPD) FOR REST OF WORLD - (2012-2018, IN USD$ THOUSAND)

14. PERIPHERAL VASCULAR DEVICES MARKET - PERIPHERAL VASCULAR STENTS, VASCULAR CLOSURE DEVICES (VCD), AAA STENT GRAFTS, INFERIOR VENA CAVA (IVC) FILTERS, PERIPHERAL GUIDEWIRES, ATHERECTOMY DEVICES, CHRONIC TOTAL OCCLUSION (CTO) DEVICES, THROMBECTOMY DEVICES AND EMBOLIC PROTECTION DEVICES (EPD) - % OF REST OF WORLD MARKET VALUE - (2015 - 2018)

**E. INFERIOR VENA CAVA (IVC) FILTERS - TYPES - MARKET BRIEFING**

NORTH AMERICA

15. INFERIOR VENA CAVA (IVC) FILTERS MARKET - TYPES - RETRIEVABLE FILTERS AND PERMANENT IVC FILTERS FOR NORTH AMERICA - (2012-2018, IN USD$ THOUSAND)

16. INFERIOR VENA CAVA (IVC) FILTERS - TYPES - RETRIEVABLE FILTERS AND PERMANENT IVC FILTERS - % OF NORTH AMERICA MARKET VALUE - (2015 - 2018)

**EUROPE**

17. INFERIOR VENA CAVA (IVC) FILTERS MARKET - TYPES - RETRIEVABLE FILTERS AND PERMANENT IVC FILTERS FOR EUROPE - (2012-2018, IN USD$ THOUSAND)

18. INFERIOR VENA CAVA (IVC) FILTERS - TYPES - RETRIEVABLE FILTERS AND PERMANENT IVC FILTERS - % OF EUROPEAN MARKET VALUE - (2015 - 2018)

**ASIA-PACIFIC**

19. INFERIOR VENA CAVA (IVC) FILTERS MARKET - TYPES - RETRIEVABLE FILTERS AND PERMANENT IVC FILTERS FOR ASIA-PACIFIC - (2012-2018, IN USD$ THOUSAND)

20. INFERIOR VENA CAVA (IVC) FILTERS MARKET - TYPES - RETRIEVABLE FILTERS AND PERMANENT IVC FILTERS - % OF ASIA-PACIFIC MARKET VALUE - (2015 - 2018)

**LATIN AMERICA**

21. INFERIOR VENA CAVA (IVC) FILTERS MARKET - TYPES - RETRIEVABLE FILTERS AND PERMANENT IVC FILTERS FOR LATIN AMERICA - (2012-2018, IN USD$ THOUSAND)

22. INFERIOR VENA CAVA (IVC) FILTERS - TYPES - RETRIEVABLE FILTERS AND PERMANENT IVC FILTERS - % OF LATIN AMERICA MARKET VALUE - (2015 - 2018)

**REST OF WORLD**

23. INFERIOR VENA CAVA (IVC) FILTERS MARKET - TYPES - RETRIEVABLE FILTERS AND PERMANENT IVC FILTERS FOR REST OF WORLD - (2012-2018, IN USD$ THOUSAND)

24. INFERIOR VENA CAVA (IVC) FILTERS - TYPES - RETRIEVABLE FILTERS AND PERMANENT IVC FILTERS - % OF REST OF WORLD MARKET VALUE - (2015 - 2018)

25. PERIPHERAL VASCULAR DEVICES - PRODUCT BY BRANDS

**II. MARKET ANALYSIS**

26. GLOBAL PERIPHERAL VASCULAR DEVICES - SEGMENTATION BY TYPE

**PERIPHERAL VASCULAR DEVICES - GLOBAL**

27. PERIPHERAL VASCULAR DEVICES MARKET - GLOBAL CURRENT TRENDS, ESTIMATES & FORECASTS - (2012-2018, IN USD$ THOUSAND)

28. PERIPHERAL VASCULAR DEVICES MARKET - GEOGRAPHIC REGION CURRENT TRENDS, ESTIMATES & FORECASTS FOR NORTH AMERICA, EUROPE, ASIA-PACIFIC, LATIN AMERICA AND REST OF WORLD - (2012-2018, IN USD$ THOUSAND)

29. PERIPHERAL VASCULAR DEVICES - % OF NORTH AMERICA, EUROPE, ASIA-PACIFIC, LATIN AMERICA AND REST OF WORLD MARKET VALUE - (2015-2018)

**PERIPHERAL VASCULAR DEVICES - BY GEOGRAPHY**

#### NORTH AMERICA

30. PERIPHERAL VASCULAR DEVICES MARKET - USA AND CANADA - (2012-2018, IN USD$ THOUSAND)

31. PERIPHERAL VASCULAR DEVICES - % OF USA AND CANADA MARKET VALUE - (2015-2018)

#### EUROPE

32. PERIPHERAL VASCULAR DEVICES MARKET - GERMANY, FRANCE, UNITED KINGDOM, ITALY, SPAIN, RUSSIA, BELGIUM AND REST OF EUROPE - (2012-2018, IN USD$ THOUSAND)

33. PERIPHERAL VASCULAR DEVICES - % OF GERMANY, FRANCE, UNITED KINGDOM, ITALY, SPAIN, RUSSIA, BELGIUM AND REST OF EUROPE MARKET VALUE - (2015-2018)

#### ASIA-PACIFIC

34. PERIPHERAL VASCULAR DEVICES MARKET - JAPAN, CHINA, INDIA, NEW ZEALAND, SOUTH KOREA, AUSTRALIA AND REST OF ASIA-PACIFIC - (2012-2018, IN USD$ THOUSAND)

35. PERIPHERAL VASCULAR DEVICES - % OF JAPAN, CHINA, INDIA, NEW ZEALAND, SOUTH KOREA, AUSTRALIA AND REST OF ASIA-PACIFIC MARKET VALUE - (2015-2018)

#### LATIN AMERICA

36. PERIPHERAL VASCULAR DEVICES MARKET - BRAZIL, ARGENTINA AND REST OF LATIN AMERICA - (2012-2018, IN USD$ THOUSAND)

37. PERIPHERAL VASCULAR DEVICES - % OF BRAZIL, ARGENTINA AND REST OF LATIN AMERICA MARKET VALUE - (2015-2018)

#### REST OF WORLD

38. PERIPHERAL VASCULAR DEVICES MARKET - SOUTH AFRICA, MIDDLE EAST AND REST OF REST OF WORLD -   
(2012-2018, IN USD$ THOUSAND)

39. PERIPHERAL VASCULAR DEVICES - % OF SOUTH AFRICA, MIDDLE EAST AND REST OF REST OF WORLD MARKET VALUE - (2015-2018)

**PERIPHERAL VASCULAR DEVICES – BY TYPE**

40. PERIPHERAL VASCULAR DEVICES MARKET - PERIPHERAL VASCULAR STENTS, VASCULAR CLOSURE DEVICES (VCD), AAA STENT GRAFTS, INFERIOR VENA CAVA (IVC) FILTERS, PERIPHERAL GUIDEWIRES, ATHERECTOMY DEVICES, CHRONIC TOTAL OCCLUSION (CTO) DEVICES, THROMBECTOMY DEVICES AND EMBOLIC PROTECTION DEVICES (EPD) FOR GLOBAL CURRENT TRENDS, ESTIMATES & FORECASTS - (2012-2018, IN USD$ THOUSAND)

41. PERIPHERAL VASCULAR DEVICES - PERIPHERAL VASCULAR STENTS, VASCULAR CLOSURE DEVICES (VCD), AAA STENT GRAFTS, INFERIOR VENA CAVA (IVC) FILTERS, PERIPHERAL GUIDEWIRES, ATHERECTOMY DEVICES, CHRONIC TOTAL OCCLUSION (CTO) DEVICES, THROMBECTOMY DEVICES AND EMBOLIC PROTECTION DEVICES (EPD) - % OF GLOBAL MARKET VALUE - (2015-2018)

**PERIPHERAL VASCULAR DEVICES - BY GEOGRAPHY**

**PERIPHERAL VASCULAR STENTS**

42. PERIPHERAL VASCULAR STENTS MARKET - GEOGRAPHIC REGION CURRENT TRENDS, ESTIMATES & FORECASTS FOR NORTH AMERICA, EUROPE, ASIA-PACIFIC, LATIN AMERICA AND REST OF WORLD - (2012-2018, IN USD$ THOUSAND)

43. PERIPHERAL VASCULAR STENTS - % OF NORTH AMERICA, EUROPE, ASIA-PACIFIC, LATIN AMERICA AND REST OF WORLD MARKET VALUE - (2015-2018)

#### NORTH AMERICA

44. PERIPHERAL VASCULAR STENTS MARKET - USA AND CANADA - (2012-2018, IN USD$ THOUSAND)

45. PERIPHERAL VASCULAR STENTS - % OF USA AND CANADA MARKET VALUE - (2015-2018)

#### EUROPE

46. PERIPHERAL VASCULAR STENTS MARKET - GERMANY, FRANCE, UNITED KINGDOM, ITALY, SPAIN, RUSSIA, BELGIUM AND REST OF EUROPE - (2012-2018, IN USD$ THOUSAND)

47. PERIPHERAL VASCULAR STENTS - % OF GERMANY, FRANCE, UNITED KINGDOM, ITALY, SPAIN, RUSSIA, BELGIUM AND REST OF EUROPE MARKET VALUE - (2015-2018)

#### ASIA-PACIFIC

48. PERIPHERAL VASCULAR STENTS MARKET - JAPAN, CHINA, INDIA, NEW ZEALAND, SOUTH KOREA, AUSTRALIA AND REST OF ASIA-PACIFIC - (2012-2018, IN USD$ THOUSAND)

49. PERIPHERAL VASCULAR STENTS - % OF JAPAN, CHINA, INDIA, NEW ZEALAND, SOUTH KOREA, AUSTRALIA AND REST OF ASIA-PACIFIC MARKET VALUE - (2015-2018)

#### LATIN AMERICA

50. PERIPHERAL VASCULAR STENTS MARKET - BRAZIL, ARGENTINA AND REST OF LATIN AMERICA - (2012-2018, IN USD$ THOUSAND)

51. PERIPHERAL VASCULAR STENTS - % OF BRAZIL, ARGENTINA AND REST OF LATIN AMERICA MARKET VALUE - (2015-2018)

#### REST OF WORLD

52. PERIPHERAL VASCULAR STENTS MARKET - SOUTH AFRICA, MIDDLE EAST AND REST OF REST OF WORLD - (2012-2018, IN USD$ THOUSAND)

53. PERIPHERAL VASCULAR STENTS - % OF SOUTH AFRICA, MIDDLE EAST AND REST OF REST OF WORLD MARKET VALUE - (2015-2018)

**VASCULAR CLOSURE DEVICES**

54. VASCULAR CLOSURE DEVICES MARKET - GEOGRAPHIC REGION CURRENT TRENDS, ESTIMATES & FORECASTS FOR NORTH AMERICA, EUROPE, ASIA-PACIFIC, LATIN AMERICA AND REST OF WORLD - (2012-2018, IN USD$ THOUSAND)

55. VASCULAR CLOSURE DEVICES - % OF NORTH AMERICA, EUROPE, ASIA-PACIFIC, LATIN AMERICA AND REST OF WORLD MARKET VALUE - (2015-2018)

#### NORTH AMERICA

56. VASCULAR CLOSURE DEVICES MARKET - USA AND CANADA - (2012-2018, IN USD$ THOUSAND)

57. VASCULAR CLOSURE DEVICES - % OF USA AND CANADA MARKET VALUE - (2015-2018)

#### EUROPE

58. VASCULAR CLOSURE DEVICES MARKET - GERMANY, FRANCE, UNITED KINGDOM, ITALY, SPAIN, RUSSIA, BELGIUM AND REST OF EUROPE - (2012-2018, IN USD$ THOUSAND)

59. VASCULAR CLOSURE DEVICES - % OF GERMANY, FRANCE, UNITED KINGDOM, ITALY, SPAIN, RUSSIA, BELGIUM AND REST OF EUROPE MARKET VALUE - (2015-2018)

#### ASIA-PACIFIC

60. VASCULAR CLOSURE DEVICES MARKET - JAPAN, CHINA, INDIA, NEW ZEALAND, SOUTH KOREA, AUSTRALIA AND REST OF ASIA-PACIFIC - (2012-2018, IN USD$ THOUSAND)

61. VASCULAR CLOSURE DEVICES - % OF JAPAN, CHINA, INDIA, NEW ZEALAND, SOUTH KOREA, AUSTRALIA AND REST OF ASIA-PACIFIC MARKET VALUE - (2015-2018)

#### LATIN AMERICA

62. VASCULAR CLOSURE DEVICES MARKET - BRAZIL, ARGENTINA AND REST OF LATIN AMERICA - (2012-2018, IN USD$ THOUSAND)

63. VASCULAR CLOSURE DEVICES - % OF BRAZIL, ARGENTINA AND REST OF LATIN AMERICA MARKET VALUE - (2015-2018)

#### REST OF WORLD

64. VASCULAR CLOSURE DEVICES MARKET - SOUTH AFRICA, MIDDLE EAST AND REST OF REST OF WORLD - (2012-2018, IN USD$ THOUSAND)

65. VASCULAR CLOSURE DEVICES - % OF SOUTH AFRICA, MIDDLE EAST AND REST OF REST OF WORLD MARKET VALUE - (2015-2018)

**AAA STENT GRAFTS**

66. AAA STENT GRAFTS MARKET - GEOGRAPHIC REGION CURRENT TRENDS, ESTIMATES & FORECASTS FOR NORTH AMERICA, EUROPE, ASIA-PACIFIC, LATIN AMERICA AND REST OF WORLD - (2012-2018, IN USD$ THOUSAND)

67. AAA STENT GRAFTS - % OF NORTH AMERICA, EUROPE, ASIA-PACIFIC, LATIN AMERICA AND REST OF WORLD MARKET VALUE - (2015-2018)

#### NORTH AMERICA

68. AAA STENT GRAFTS MARKET - USA AND CANADA - (2012-2018, IN USD$ THOUSAND)

69. AAA STENT GRAFTS - % OF USA AND CANADA MARKET VALUE - (2015-2018)

#### EUROPE

70. AAA STENT GRAFTS MARKET - GERMANY, FRANCE, UNITED KINGDOM, ITALY, SPAIN, RUSSIA, BELGIUM AND REST OF EUROPE - (2012-2018, IN USD$ THOUSAND)

71. AAA STENT GRAFTS - % OF GERMANY, FRANCE, UNITED KINGDOM, ITALY, SPAIN, RUSSIA, BELGIUM AND REST OF EUROPE MARKET VALUE - (2015-2018)

#### ASIA-PACIFIC

72. AAA STENT GRAFTS MARKET - JAPAN, CHINA, INDIA, NEW ZEALAND, SOUTH KOREA, AUSTRALIA AND REST OF ASIA-PACIFIC - (2012-2018, IN USD$ THOUSAND)

73. AAA STENT GRAFTS - % OF JAPAN, CHINA, INDIA, NEW ZEALAND, SOUTH KOREA, AUSTRALIA AND REST OF ASIA-PACIFIC MARKET VALUE - (2015-2018)

#### LATIN AMERICA

74. AAA STENT GRAFTS MARKET - BRAZIL, ARGENTINA AND REST OF LATIN AMERICA - (2012-2018, IN USD$ THOUSAND)

75. AAA STENT GRAFTS - % OF BRAZIL, ARGENTINA AND REST OF LATIN AMERICA MARKET VALUE - (2015-2018)

#### REST OF WORLD

76. AAA STENT GRAFTS MARKET - SOUTH AFRICA, MIDDLE EAST AND REST OF REST OF WORLD - (2012-2018, IN USD$ THOUSAND)

77. AAA STENT GRAFTS - % OF SOUTH AFRICA, MIDDLE EAST AND REST OF REST OF WORLD MARKET VALUE - (2015-2018)

**INFERIOR VENA CAVA (IVC) FILTERS**

78. INFERIOR VENA CAVA (IVC) FILTERS MARKET - GEOGRAPHIC REGION CURRENT TRENDS, ESTIMATES & FORECASTS FOR NORTH AMERICA, EUROPE, ASIA-PACIFIC, LATIN AMERICA AND REST OF WORLD - (2012-2018, IN USD$ THOUSAND)

79. INFERIOR VENA CAVA (IVC) FILTERS - % OF NORTH AMERICA, EUROPE, ASIA-PACIFIC, LATIN AMERICA AND REST OF WORLD MARKET VALUE - (2015-2018)

#### NORTH AMERICA

80. INFERIOR VENA CAVA (IVC) FILTERS MARKET - USA AND CANADA - (2012-2018, IN USD$ THOUSAND)

81. INFERIOR VENA CAVA (IVC) FILTERS - % OF USA AND CANADA MARKET VALUE - (2015-2018)

#### EUROPE

82. INFERIOR VENA CAVA (IVC) FILTERS MARKET - GERMANY, FRANCE, UNITED KINGDOM, ITALY, SPAIN, RUSSIA, BELGIUM AND REST OF EUROPE - (2012-2018, IN USD$ THOUSAND)

83. INFERIOR VENA CAVA (IVC) FILTERS - % OF GERMANY, FRANCE, UNITED KINGDOM, ITALY, SPAIN, RUSSIA, BELGIUM AND REST OF EUROPE MARKET VALUE - (2015-2018)

#### ASIA-PACIFIC

84. INFERIOR VENA CAVA (IVC) FILTERS MARKET - JAPAN, CHINA, INDIA, NEW ZEALAND, SOUTH KOREA, AUSTRALIA AND REST OF ASIA-PACIFIC - (2012-2018, IN USD$ THOUSAND)

85. INFERIOR VENA CAVA (IVC) FILTERS - % OF JAPAN, CHINA, INDIA, NEW ZEALAND, SOUTH KOREA, AUSTRALIA AND REST OF ASIA-PACIFIC MARKET VALUE - (2015-2018)

#### LATIN AMERICA

86. INFERIOR VENA CAVA (IVC) FILTERS MARKET - BRAZIL, ARGENTINA AND REST OF LATIN AMERICA - (2012-2018, IN USD$ THOUSAND)

87. INFERIOR VENA CAVA (IVC) FILTERS - % OF BRAZIL, ARGENTINA AND REST OF LATIN AMERICA MARKET VALUE - (2015-2018)

#### REST OF WORLD

88. INFERIOR VENA CAVA (IVC) FILTERS MARKET - SOUTH AFRICA, MIDDLE EAST AND REST OF REST OF WORLD - (2012-2018, IN USD$ THOUSAND)

89. INFERIOR VENA CAVA (IVC) FILTERS - % OF SOUTH AFRICA, MIDDLE EAST AND REST OF REST OF WORLD MARKET VALUE - (2015-2018)

**PERIPHERAL GUIDEWIRES**

90. PERIPHERAL GUIDEWIRES MARKET - GEOGRAPHIC REGION CURRENT TRENDS, ESTIMATES & FORECASTS FOR NORTH AMERICA, EUROPE, ASIA-PACIFIC, LATIN AMERICA AND REST OF WORLD - (2012-2018, IN USD$ THOUSAND)

91. PERIPHERAL GUIDEWIRES - % OF NORTH AMERICA, EUROPE, ASIA-PACIFIC, LATIN AMERICA AND REST OF WORLD MARKET VALUE - (2015-2018)

#### NORTH AMERICA

92. PERIPHERAL GUIDEWIRES MARKET - USA AND CANADA - (2012-2018, IN USD$ THOUSAND)

93. PERIPHERAL GUIDEWIRES - % OF USA AND CANADA MARKET VALUE - (2015-2018)

#### EUROPE

94. PERIPHERAL GUIDEWIRES MARKET - GERMANY, FRANCE, UNITED KINGDOM, ITALY, SPAIN, RUSSIA, BELGIUM AND REST OF EUROPE - (2012-2018, IN USD$ THOUSAND)

95. PERIPHERAL GUIDEWIRES - % OF GERMANY, FRANCE, UNITED KINGDOM, ITALY, SPAIN, RUSSIA, BELGIUM AND REST OF EUROPE MARKET VALUE - (2015-2018)

#### ASIA-PACIFIC

96. PERIPHERAL GUIDEWIRES MARKET - JAPAN, CHINA, INDIA, NEW ZEALAND, SOUTH KOREA, AUSTRALIA AND REST OF ASIA-PACIFIC - (2012-2018, IN USD$ THOUSAND)

97. PERIPHERAL GUIDEWIRES - % OF JAPAN, CHINA, INDIA, NEW ZEALAND, SOUTH KOREA, AUSTRALIA AND REST OF ASIA-PACIFIC MARKET VALUE - (2015-2018)

#### LATIN AMERICA

98. PERIPHERAL GUIDEWIRES MARKET - BRAZIL, ARGENTINA AND REST OF LATIN AMERICA - (2012-2018, IN USD$ THOUSAND)

99. PERIPHERAL GUIDEWIRES - % OF BRAZIL, ARGENTINA AND REST OF LATIN AMERICA MARKET VALUE - (2015-2018)

#### REST OF WORLD

100. PERIPHERAL GUIDEWIRES MARKET - SOUTH AFRICA, MIDDLE EAST AND REST OF REST OF WORLD - (2012-2018, IN USD$ THOUSAND)

101. PERIPHERAL GUIDEWIRES - % OF SOUTH AFRICA, MIDDLE EAST AND REST OF REST OF WORLD MARKET VALUE - (2015-2018)

**ATHERECTOMY DEVICES**

102. ATHERECTOMY DEVICES MARKET - GEOGRAPHIC REGION CURRENT TRENDS, ESTIMATES & FORECASTS FOR NORTH AMERICA, EUROPE, ASIA-PACIFIC, LATIN AMERICA AND REST OF WORLD - (2012-2018, IN USD$ THOUSAND)

103. ATHERECTOMY DEVICES - % OF NORTH AMERICA, EUROPE, ASIA-PACIFIC, LATIN AMERICA AND REST OF WORLD MARKET VALUE - (2015-2018)

#### NORTH AMERICA

104. ATHERECTOMY DEVICES MARKET - USA AND CANADA - (2012-2018, IN USD$ THOUSAND)

105. ATHERECTOMY DEVICES - % OF USA AND CANADA MARKET VALUE - (2015-2018)

#### EUROPE

106. ATHERECTOMY DEVICES MARKET - GERMANY, FRANCE, UNITED KINGDOM, ITALY, SPAIN, RUSSIA, BELGIUM AND REST OF EUROPE - (2012-2018, IN USD$ THOUSAND)

107. ATHERECTOMY DEVICES - % OF GERMANY, FRANCE, UNITED KINGDOM, ITALY, SPAIN, RUSSIA, BELGIUM AND REST OF EUROPE MARKET VALUE - (2015-2018)

#### ASIA-PACIFIC

108. ATHERECTOMY DEVICES MARKET - JAPAN, CHINA, INDIA, NEW ZEALAND, SOUTH KOREA, AUSTRALIA AND REST OF ASIA-PACIFIC - (2012-2018, IN USD$ THOUSAND)

109. ATHERECTOMY DEVICES - % OF JAPAN, CHINA, INDIA, NEW ZEALAND, SOUTH KOREA, AUSTRALIA AND REST OF ASIA-PACIFIC MARKET VALUE - (2015-2018)

#### LATIN AMERICA

110. ATHERECTOMY DEVICES MARKET - BRAZIL, ARGENTINA AND REST OF LATIN AMERICA - (2012-2018, IN USD$ THOUSAND)

111. ATHERECTOMY DEVICES - % OF BRAZIL, ARGENTINA AND REST OF LATIN AMERICA MARKET VALUE - (2015-2018)

#### REST OF WORLD

112. ATHERECTOMY DEVICES MARKET - SOUTH AFRICA, MIDDLE EAST AND REST OF REST OF WORLD - (2012-2018, IN USD$ THOUSAND)

113. ATHERECTOMY DEVICES - % OF SOUTH AFRICA, MIDDLE EAST AND REST OF REST OF WORLD MARKET VALUE - (2015-2018)

**CHRONIC TOTAL OCCLUSION (CTO) DEVICES**

114. CHRONIC TOTAL OCCLUSION (CTO) DEVICES MARKET - GEOGRAPHIC REGION CURRENT TRENDS, ESTIMATES & FORECASTS FOR NORTH AMERICA, EUROPE, ASIA-PACIFIC, LATIN AMERICA AND REST OF WORLD - (2012-2018, IN USD$ THOUSAND)

115. CHRONIC TOTAL OCCLUSION (CTO) DEVICES - % OF NORTH AMERICA, EUROPE, ASIA-PACIFIC, LATIN AMERICA AND REST OF WORLD MARKET VALUE - (2015-2018)

#### NORTH AMERICA

116. CHRONIC TOTAL OCCLUSION (CTO) DEVICES MARKET - USA AND CANADA - (2012-2018, IN USD$ THOUSAND)

117. CHRONIC TOTAL OCCLUSION (CTO) DEVICES - % OF USA AND CANADA MARKET VALUE - (2015-2018)

#### EUROPE

118. CHRONIC TOTAL OCCLUSION (CTO) DEVICES MARKET - GERMANY, FRANCE, UNITED KINGDOM, ITALY, SPAIN, RUSSIA, BELGIUM AND REST OF EUROPE - (2012-2018, IN USD$ THOUSAND)

119. CHRONIC TOTAL OCCLUSION (CTO) DEVICES - % OF GERMANY, FRANCE, UNITED KINGDOM, ITALY, SPAIN, RUSSIA, BELGIUM AND REST OF EUROPE MARKET VALUE - (2015-2018)

#### ASIA-PACIFIC

120. CHRONIC TOTAL OCCLUSION (CTO) DEVICES MARKET - JAPAN, CHINA, INDIA, NEW ZEALAND, SOUTH KOREA, AUSTRALIA AND REST OF ASIA-PACIFIC - (2012-2018, IN USD$ THOUSAND)

121. CHRONIC TOTAL OCCLUSION (CTO) DEVICES - % OF JAPAN, CHINA, INDIA, NEW ZEALAND, SOUTH KOREA, AUSTRALIA AND REST OF ASIA-PACIFIC MARKET VALUE - (2015-2018)

#### LATIN AMERICA

122. CHRONIC TOTAL OCCLUSION (CTO) DEVICES MARKET - BRAZIL, ARGENTINA AND REST OF LATIN AMERICA - (2012-2018, IN USD$ THOUSAND)

123. CHRONIC TOTAL OCCLUSION (CTO) DEVICES - % OF BRAZIL, ARGENTINA AND REST OF LATIN AMERICA MARKET VALUE - (2015-2018)

#### REST OF WORLD

124. CHRONIC TOTAL OCCLUSION (CTO) DEVICES MARKET - SOUTH AFRICA, MIDDLE EAST AND REST OF REST OF WORLD - (2012-2018, IN USD$ THOUSAND)

125. CHRONIC TOTAL OCCLUSION (CTO) DEVICES - % OF SOUTH AFRICA, MIDDLE EAST AND REST OF REST OF WORLD MARKET VALUE - (2015-2018)

**THROMBECTOMY DEVICES**

126. THROMBECTOMY DEVICES MARKET - GEOGRAPHIC REGION CURRENT TRENDS, ESTIMATES & FORECASTS FOR NORTH AMERICA, EUROPE, ASIA-PACIFIC, LATIN AMERICA AND REST OF WORLD - (2012-2018, IN USD$ THOUSAND)

127. THROMBECTOMY DEVICES - % OF NORTH AMERICA, EUROPE, ASIA-PACIFIC, LATIN AMERICA AND REST OF WORLD MARKET VALUE - (2015-2018)

#### NORTH AMERICA

128. THROMBECTOMY DEVICES MARKET - USA AND CANADA - (2012-2018, IN USD$ THOUSAND)

129. THROMBECTOMY DEVICES - % OF USA AND CANADA MARKET VALUE - (2015-2018)

#### EUROPE

130. THROMBECTOMY DEVICES MARKET - GERMANY, FRANCE, UNITED KINGDOM, ITALY, SPAIN, RUSSIA, BELGIUM AND REST OF EUROPE - (2012-2018, IN USD$ THOUSAND)

131. THROMBECTOMY DEVICES - % OF GERMANY, FRANCE, UNITED KINGDOM, ITALY, SPAIN, RUSSIA, BELGIUM AND REST OF EUROPE MARKET VALUE - (2015-2018)

#### ASIA-PACIFIC

132. THROMBECTOMY DEVICES MARKET - JAPAN, CHINA, INDIA, NEW ZEALAND, SOUTH KOREA, AUSTRALIA AND REST OF ASIA-PACIFIC - (2012-2018, IN USD$ THOUSAND)

133. THROMBECTOMY DEVICES - % OF JAPAN, CHINA, INDIA, NEW ZEALAND, SOUTH KOREA, AUSTRALIA AND REST OF ASIA-PACIFIC MARKET VALUE - (2015-2018)

#### LATIN AMERICA

134. THROMBECTOMY DEVICES MARKET - BRAZIL, ARGENTINA AND REST OF LATIN AMERICA - (2012-2018, IN USD$ THOUSAND)

135. THROMBECTOMY DEVICES - % OF BRAZIL, ARGENTINA AND REST OF LATIN AMERICA MARKET VALUE - (2015-2018)

#### REST OF WORLD

136. THROMBECTOMY DEVICES MARKET - SOUTH AFRICA, MIDDLE EAST AND REST OF REST OF WORLD - (2012-2018, IN USD$ THOUSAND)

137. THROMBECTOMY DEVICES - % OF SOUTH AFRICA, MIDDLE EAST AND REST OF REST OF WORLD MARKET VALUE - (2015-2018)

**EMBOLIC PROTECTION DEVICES (EPD)**

138. EMBOLIC PROTECTION DEVICES (EPD) MARKET - GEOGRAPHIC REGION CURRENT TRENDS, ESTIMATES & FORECASTS FOR NORTH AMERICA, EUROPE, ASIA-PACIFIC, LATIN AMERICA AND REST OF WORLD - (2012-2018, IN USD$ THOUSAND)

139. EMBOLIC PROTECTION DEVICES (EPD) - % OF NORTH AMERICA, EUROPE, ASIA-PACIFIC, LATIN AMERICA AND REST OF WORLD MARKET VALUE - (2015-2018)

#### NORTH AMERICA

140. EMBOLIC PROTECTION DEVICES (EPD) MARKET - USA AND CANADA - (2012-2018, IN USD$ THOUSAND)

141. EMBOLIC PROTECTION DEVICES (EPD) - % OF USA AND CANADA MARKET VALUE - (2015-2018)

#### EUROPE

142. EMBOLIC PROTECTION DEVICES (EPD) MARKET - GERMANY, FRANCE, UNITED KINGDOM, ITALY, SPAIN, RUSSIA, BELGIUM AND REST OF EUROPE - (2012-2018, IN USD$ THOUSAND)

143. EMBOLIC PROTECTION DEVICES (EPD) - % OF GERMANY, FRANCE, UNITED KINGDOM, ITALY, SPAIN, RUSSIA, BELGIUM AND REST OF EUROPE MARKET VALUE - (2015-2018)

#### ASIA-PACIFIC

144. EMBOLIC PROTECTION DEVICES (EPD) MARKET - JAPAN, CHINA, INDIA, NEW ZEALAND, SOUTH KOREA, AUSTRALIA AND REST OF ASIA-PACIFIC - (2012-2018, IN USD$ THOUSAND)

145. EMBOLIC PROTECTION DEVICES (EPD) - % OF JAPAN, CHINA, INDIA, NEW ZEALAND, SOUTH KOREA, AUSTRALIA AND REST OF ASIA-PACIFIC MARKET VALUE - (2015-2018)

#### LATIN AMERICA

146. EMBOLIC PROTECTION DEVICES (EPD) MARKET - BRAZIL, ARGENTINA AND REST OF LATIN AMERICA - (2012-2018, IN USD$ THOUSAND)

147. EMBOLIC PROTECTION DEVICES (EPD) - % OF BRAZIL, ARGENTINA AND REST OF LATIN AMERICA MARKET VALUE - (2015-2018)

#### REST OF WORLD

148. EMBOLIC PROTECTION DEVICES (EPD) MARKET - SOUTH AFRICA, MIDDLE EAST AND REST OF REST OF WORLD - (2012-2018, IN USD$ THOUSAND)

149. EMBOLIC PROTECTION DEVICES (EPD) - % OF SOUTH AFRICA, MIDDLE EAST AND REST OF REST OF WORLD MARKET VALUE - (2015-2018)

**B. GROWTH RATE ANALYSIS**

GLOBAL CARDIAC RHYTHM MANAGEMENT (CRM) DEVICES MARKET GROWTH RATES

150. CARDIAC RHYTHM MANAGEMENT (CRM) DEVICES MARKET - GEOGRAPHIC REGION - % GROWTH RATE FORECASTS - (2012-2018)

**PERIPHERAL VASCULAR DEVICES MARKET - TYPES**

GLOBAL PERIPHERAL VASCULAR DEVICES TYPES - GROWTH RATES

151.PERIPHERAL VASCULAR DEVICES TYPES - % GROWTH RATE FORECASTS FOR PERIPHERAL VASCULAR STENTS, VASCULAR CLOSURE DEVICES, AAA STENT GRAFTS, INFERIOR VENA CAVA (IVC) FILTERS, PERIPHERAL GUIDEWIRES, ATHERECTOMY DEVICES, CHRONIC TOTAL OCCLUSION (CTO) DEVICES, THROMBECTOMY DEVICES AND EMBOLIC PROTECTION DEVICES (EPD) - (2012-2018)

**C. INVESTMENT FOCUS**

152. PERIPHERAL VASCULAR DEVICES - FORECASTED CAGR% - 2012-2018 - TOP 8 COUNTRIES - USA, JAPAN, CHINA, FRANCE, INDIA, SOUTH KOREA, RUSSIA AND BRAZIL

153. PERIPHRAL VASCULAR DEVICES - PERIPHERAL VASCULAR STENTS, VASCULAR CLOSURE DEVICES AAA STENT GRAFTS, INFERIOR VENA CAVA (IVC) FILTERS, PERIPHERAL GUIDEWIRES, ATHERECTOMY DEVICES, CHRONIC TOTAL OCCLUSION (CTO) DEVICES, THROMBECTOMY DEVICES AND EMBOLIC PROTECTION DEVICES (EPD) - FORECASTED CAGR% - VALUE - 2012-2018 - TOP 8 COUNTRIES - USA, JAPAN, CHINA, FRANCE, INDIA, SOUTH KOREA, RUSSIA AND BRAZIL

**III. INDUSTRY OVERVIEW**

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

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

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

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

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

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

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

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

162. LIST OF APPROVALS FOR CARDIOVASCULAR MEDICAL DEVICES IN 2014

163. LIST OF APPROVALS FOR CARDIOVASCULAR MEDICAL DEVICES IN 2013

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

165. COVERAGE OF CARDIAC DEVICES MARKETED AND PIPELINE PRODUCTS

166. CARDIAC ARRHYTHMIAS DRUG TREATMENT PRODUCT LAUNCHES WITH GENERIC NAME

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

228. 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.