+44 20 8123 2220
info@marketpublishers.com

The World Market for Cardiovascular Diagnostics

https://marketpublishers.com/r/WA3A3EEEEAEEN.html
Date: June 2013
Pages: 180
Price: US$ 3,995.00 (Single User License)
ID: WA3A3EEEEAEEN

Abstracts

This report provides the reader with an overview of the global cardiac diagnostics industry and the trends driving growth. Segments within the cardiac diagnostic market include:

Electrocardiography including ECG testing, stress testing, Holter monitoring, event monitoring and implantable loop.

Cardiac imaging including non-invasive X-Ray, MRI, CT, ultrasound, and nuclear cardiography; and invasive /cardiac catheterization/angiography, intravascular ultrasound, optical coherence technology and electrophysiology.

Cardiac point-of-care including cholesterol testing and coagulation testing

Cardiac markers

Cardiac contrast agents and radiopharmaceuticals

For each of these segments, market size and forecast, along with compound annual growth rate is provided. Also included in the report are statistics influencing the industry, incidence of cardiac and related diseases worldwide, demographics, life expectancy, and company strategies. Information is presented as a global market. A market summary includes a total market analysis. Also included is a competitive analysis of leading cardiac diagnostic providers.

Economic conditions in several markets within the global cardiac diagnostics market remained challenging in 2012. Demand for cardiovascular diagnostics slowed during the historical period due to a weakened global economy, cost cutting measures and

healthcare reform issues. However, demographics worldwide and an aging world society remain primary factors in growth. By 2020, 16 percent of the US population will be over the age of 65, up from 13% in 2010. People are also living longer, needing more health care, further fueling the market. In 1980, the US life expectancy at birth was 74 years, today the average American lives to be 78 years old.

The global cardiac diagnostic industry is a diverse and highly competitive market. It is anticipated that provider demand for cardiac diagnostic products and services will continue to rise providing opportunities for both existing market participants and emerging market participants. Manufacturers should look for ways to distinguish themselves in the marketplace by keeping abreast of key market drivers, restraints, and trends that are affecting the market and the economy as a whole. More than ever before, manufacturers are facing survival challenges in today's marketplace while the need for innovative and safe products continues to grow.

Companies profiled in this report include:

Abbott Diagnostics

Acusphere

Alere

Analogic Corp

Bayer Healthcare

Bracco SpA

Cardinal Health

CardioDX

C.R. Bard

Danaher Corporation

dpiX

+44 20 8123 2220
info@marketpublishers.com

FluoroPharma Medical

GE Healthcare

Johnson & Johnson

King Pharmaceuticals

Lantheus Medical Imaging

LipScience

Medison America

Molecular Insight Pharmaceuticals

Nanosphere

PerkinElmer

Philips Healthcare

Roche Diagnostics

Shimadzu Corp

Siemens Medical Solutions

St Jude Medical

Terumo Medical

TomTec Imaging Systems

Trixell

Vascular Solutions

Vermillion

Volcano

Some of these companies are high stakes players in the market and control considerable market share while others are small or niche players that provide a valuable product to the global cardiac diagnostic arena. All are equally important to the market as a whole.

The information for this report was gathered using both primary and secondary research including comprehensive research of secondary sources such as company literature, databases, investment reports, and medical and business journals. Telephone interviews and email correspondence were the primary method of gathering information. For the purpose of this study, Kalorama Information conducted interviews with more than 21 key industry officials, consultants, health care providers, and government personnel. These sources were the primary basis in gathering information specifically relating to revenue and market share data presented in this report. Additional interviews were completed with relevant company representatives including marketing directors, division managers, and product representatives.

+44 20 8123 2220
info@marketpublishers.com

Contents

CHAPTER ONE: EXECUTIVE SUMMARY

Industry at a Glance
Scope and Methodology
Size and Growth of the Market
Key Issues and Trends Affecting the Market
Leading Market Participants

CHAPTER TWO: INDUSTRY OVERVIEW

Introduction
  Cardiovascular Anatomy
    Heart
    Circulatory System
  Cardiac Cycle
  Coronary Circulation
  Cardiac Myocytes
  Molecular Contraction
Diseases of the Heart
  Ischemic Heart Disease
    Etiology
    Pathophysiology
    Atherosclerosis
    Angina Pectoris
    Acute Ischemia and Myocardial Infarction Chronic
    Chronic Ischemic Cardiomyopathy
    Sudden Cardiac Death
    Diagnostic Tests
  Valvular and Endocardial Diseases
    Mitral Valve Disorders
    Aortic Valve Disorders
    Rheumatic Heart Disease
    Endocarditis
    Diagnostic Tests
  Pericardial Diseases
    Pericardial Effusion
    Pericarditis

Myocardial Diseases
Myocarditis
Cardiomyopathy
Diagnostic Tests
Congenital Heart Diseases
Atrial Septal Defect
Ventral Septal Defect
Pulmonary Stenosis
Aortic Stenosis
Coarctation of the Aorta
Patent Ductus Arteriosus
Truncus Arteriosus
Transposition of the Great Arteries
Tricuspid Atresia
Congestive Heart Failure
Etiology
Diagnostic Tests
Cardiac Dysrhythmias
Diagnostic Tests Hypertension
Risk Factors
Effects of High Blood Pressure

CHAPTER THREE: ELECTROCARDIOGRAPHY

Introduction
Market Size and Growth

CHAPTER FOUR: CARDIAC DIAGNOSTIC IMAGING

Non-Invasive Cardiac Imaging
X-Ray
MRI
Ultrasound
Computed Tomography
Electron Beam Computed Tomography
Dual Source Computed Tomography
Nuclear Cardiography
Invasive Transcatheter Cardiac Imaging
Cardiac Catheterization/Angiography Products

Intravascular Ultrasound
Optical Coherence Tomography
Electrophysiology
Market Size and Growth
Noninvasive Imaging
Invasive Transcatheter Imaging

CHAPTER FIVE: CARDIAC DIAGNOSTIC POINT OF CARE TESTING

Coagulation Testing
Cholesterol Testing
Total Cardiac Diagnostic Point-of- Care Market Size and Growth

CHAPTER SIX: CARDIAC MARKERS

Total Cardiac Markers Market Size and Growth

CHAPTER SEVEN: CARDIAC DIAGNOSTIC CONTRAST AGENTS AND RADIOPHARMACEUTICALS

Contrast Agents
Radiopharmaceuticals
Total Cardiac Diagnostic Contrast Agents and Radiopharmaceuticals Market Size and Growth

CHAPTER EIGHT: MARKET PARTICIPANTS

Summary
Abbott Diagnostics
Company Overview
Products
Acusphere
Alere, Inc
Company Overview
Products
Locations
Analogic Corp
Bayer Healthcare
Company Overview

Products
Bracco SpA
Cardinal Health
CardioDX, Inc
Company Overview
Products
C.R. Bard
Danaher Corporation
Company Overview
Products
dpiX, LLC
FluoroPharma Medical
GE Healthcare
Company Overview
Products and Services
Locations
Hitachi Medical Systems America, Inc.
Johnson & Johnson
Company Overview
Products
King Pharmaceuticals
Lantheus Medical Imaging
LipoScience, Inc
Company Overview
Products
Medison America, Inc.
Molecular Insight Pharmaceuticals, Inc.
Nanosphere, Inc.
Company Overview
Products
PerkinElmer
Philips Healthcare
Company Overview
Products and Services
Locations
Roche Diagnostics US (Div of Roche)
Company Overview
Products
Locations

Shimadzu Corp
Siemens Medical Solutions
  Company Overview
  Products and Services
St. Jude Medical
  Company Overview
  Products
Terumo Medical Corporation
TomTec Imaging Systems GmbH
Toshiba America Medical Systems, Inc
  Company Overview
  Products and Services
Trixell
Vascular Solutions
Vermillion, Inc
  Company Overview
  Products
Volcano Corp
  Company Overview
  Products
  Locations

CHAPTER NINE: MARKET TRENDS AND SUMMARY

Market Overview
  Market Revenues by Product Type
  Global Cardiac Diagnostic Market Analysis by Region
    United States
    Europe
    Japan
    Rest of World
  Competitive Analysis

CHAPTER TEN: INDUSTRY DEVELOPMENTS AND TECHNOLOGIES

Demographics
  Cardiovascular Disease Worldwide
  European Cardiovascular Disease Statistics
  US-Specific Population Demographics

+44 20 8123 2220
info@marketpublishers.com

Population Over Age 65 Life Expectancy
Increasing Incidence of Disease
New Cardiac CT Device
CT Spots Seeds of Heart Disease in Healthy Patients
Contrast Agent Toxicity
Contrast Agents Generic Competition
MRI Catheter Guidance
Healthcare Reform

CHAPTER ELEVEN: CONCLUSIONS

LIST OF COMPANIES

+44 20 8123 2220
info@marketpublishers.com

List Of Exhibits

LIST OF EXHIBITS

CHAPTER ONE:EXECUTIVE SUMMARY

Summary Table
Global Cardiac Diagnostics Market Analysis, 2010-2017
Summary Figure
Global Cardiac Diagnostics Market Analysis: 2010-2017

CHAPTER THREE: ELECTROCARDIOGRAPHY

Table 3-1 Total Electrocardiography Testing Market Analysis, 2010-2017
Figure 3-1 Total Electrocardiography Testing Market Analysis, 2010-2017

CHAPTER FOUR: IMAGING MARKET

Table 4-1 Non-Invasive Cardiac Imaging Market Analysis, 2010-2017
Table 4-2 Invasive Transcatheter Cardiac Imaging Market Analysis, 2010-2017
Table 4-3 Total Cardiac Diagnostic Imaging Market Analysis, 2010-2017
Figure 4-1 Total Cardiac Diagnostic Imaging Market Analysis, 2010-2017

CHAPTER FIVE: CARDIAC POINT OF CARE TESTING

Table 5-1 Cardiac Coagulation Testing Market Analysis, 2010-2017
Table 5-2 Cardiac Cholesterol Testing Market Analysis, 2010-2017
Table 5-3 Total Cardiac Diagnostic POC Testing Market Analysis, 2010-2017
Figure 5-1 Total Cardiac Diagnostic POC Testing Market Analysis, 2010-2017

CHAPTER SIX: CARDIAC MARKERS

Table 6-1 Total Cardiac Markers Market Analysis, 2010-2017
Figure 6-1 Total Cardiac Markers Market Analysis, 2010-2017

CHAPTER SEVEN: CARDIAC CONTRAST AGENTS

Table 7-1 Total Cardiac Diagnostic Contrast Agent and Radiopharmaceuticals Market Analysis,2010-2017

Figure 7-1 Total Cardiac Diagnostic Contrast Agent and Radiopharmaceuticals Market Analysis,2010-2017

CHAPTER NINE: MARKET TRENDS AND SUMMARY

Table 9-1 Global Cardiac Diagnostics Market Analysis, 2010-2017
Figure 9-1 Global Cardiac Diagnostics Market Analysis: 2010-2017
Table 9-2 Global Cardiac Diagnostics by Type Revenues and Percent of Market 2012 (in millions of dollars at the manufacturers' level)
Figure 9-2 Global Cardiac Diagnostics by Type Revenues and Percent of Market 2012
Table 9.3 Global Cardiac Diagnostic by Type Revenues and Percent of Market 2017 (in millions of dollars at the manufacturers' level)
Figure 9-3 Global Cardiac Diagnostics by Type Revenues and Percent of Market 2016
Table 9-4 Global Cardiac Diagnostics Market Revenues by Region 2012 ($millions)
Figure 9-4 Global Cardiac Diagnostics Market Revenues by Region 2012 ($millions)
Figure 9-5 Global Cardiac Diagnostics by Region Percent 2012 (%)
Table 9-5 Global Cardiac Diagnostics Market Revenues by Region 2017 ($millions)
Figure 9-6 Global Cardiac Diagnostics Market Revenues by Region 2017 ($millions)
Figure 9-7 Global Cardiac Diagnostics by Region Percent 2017 (%)
Table 9-6 Estimated Global Cardiac Diagnostics Manufacturer Market Share 2012
Figure 9-8 Estimated Global Cardiac Diagnostics Revenues and Market Share 2012

CHAPTER TEN: INDUSTRY DEVELOPMENTS AND TECHNOLOGIES ..165

Table 10-1 Total Global Population by Selected Geographical Region, 2000 - 2050
Table 10-2 Cardiovascular Deaths by World Region 2008
Table 10-3 The U.S. Population, 1980-2020
Figure 10-1 The US Population, 1980-2020 (in millions)
Table 10-4 Percent U.S. Population Over Age 65 by Year
Figure 10-2 Estimated Population by Age Group, 2000 and 2050
Table 10-5 Average U.S. Life Expectancy in Years 1980, 2004, 2006, 2010, 2011 (years)
Figure 10-3 Average U.S. Life Expectancy in Years 1980, 2004, 2006, 2010, 2011

APPENDIX

+44 20 8123 2220
info@marketpublishers.com

About

Blood flow through coronary vessels is determined by the same physicalprinciples that govern flow to other vessels of the body, namely, driving pressureand vascular resistance to flow. Driving pressure through the coronary arteries isdetermined by aortic blood pressure and right atrial pressure.

Coronary vascular resistance has two major determinants: (1) coronaryartery diameter and (2) the degree of extra compression due to myocardialcontraction. Coronary artery diameter is continuously adjusted to maintain bloodflow at a level adequate for myocardial demands. Autoregulation is the term used todescribe the intrinsic ability of the arteries to adjust blood flow according to tissueneeds. Vasodilation occurs in response to increased tissue metabolism, whereasdecreased metabolic activity results in a decreased vessel diameter.

The mechanism of autoregulation can be explained by the metabolichypothesis, which proposes that increase metabolism results in a buildup ofvasodilatory chemicals in the vessel. Smooth muscle circling the vessel relaxes inresponse to the presence of the chemicals increasing vessel diameter. Severalvasodilation substances have been proposed, including potassium ions, hydrogenions, carbon dioxide, nitric oxide, prostaglandins, and adenosine.

The endothelialcells that line vessels are known to secrete a variety of relaxing and constrictingfactors, many of which have not yet been identified. An increase in the level ofadenosine is currently believed to be the chief vasodilatory chemicals. Low level ofoxygen in the blood also may cause vasodilation. Whatever their identity thevasodilatory substances are washed away as blood flow increases in response toincreased vessel diameter. A declining level of vasodilatory chemicals results invasoconstriction. Thus, vessel diameter is continuously adjusted according toconcentrations of vasodilatory chemicals, which are directly related to the tissuesmetabolic activity.

+44 20 8123 2220
info@marketpublishers.com

I would like to order

Product name: The World Market for Cardiovascular Diagnostics
Product link: https://marketpublishers.com/r/WA3A3EEEEAEEN.html
Price: US$ 3,995.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:
info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/WA3A3EEEEAEEN.html

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

**All fields are required

Custumer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at https://marketpublishers.com/docs/terms.html

To place an order via fax simply print this form, fill in the information below
and fax the completed form to +44 20 7900 3970