

MEDICAL IMAGING DEVICES - A GLOBAL MARKET OVERVIEW

TABLE OF CONTENTS

The [medical imaging device](#) industry has been evolving ever since its inception, with assurance of cost and clinical advantages offered furthering access to a range of imaging modalities in several medical applications. Demographics, such as an aging population pool, constitute a key factor in bolstering market growth, though device manufacturers are faced with the prospect of providing innovative and patient-friendly solutions that support enhanced safety and ease of operation.

Global trends have suggested a marked shift from the saturated North American and European markets to the more lucrative regions constituting the emerging economies of Asia-Pacific, Latin America and Central & Eastern Europe. For instance, the increasing prevalence of cardiovascular diseases has ensued in swelling demand for imaging modalities comprising equipment and software solutions in the critical clinical area. This has further underscored the requirement for technologically advanced [medical imaging](#) modalities, though uptake levels have been adversely impacted because of incongruity in deciding the imaging modality most appropriate for a specific cardiac disorder.

The major product segments of medical imaging devices analyzed in this study include Computer Tomography (CT), Magnetic Resonance Imaging (MRI), Positron Emission Tomography (PET), Ultrasound, X-Ray, Nuclear Imaging and PACS. Global [market for Medical Imaging Devices](#) is projected to exceed US\$49 billion by 2020 from an estimated US\$30.2 billion in 2013.

The report reviews, analyses and projects the [Medical Imaging Devices market](#) for global and the regional markets including the United States, Canada, Japan, Europe, Asia-Pacific and Rest of World. The regional markets further analyzed for 10 independent countries across Europe – France, Germany, Italy, Spain, the United Kingdom and Rest of Europe; and Asia-Pacific – China, India, South Korea, Australia, Taiwan and Rest of Asia-Pacific.

This 298 page, [global market report](#) comprises 93 charts (includes a data table and graphical representation for each chart), supported with meaningful and easy to understand graphical presentation, of market numbers. The statistical tables represent the data for the global market value in USD by geographic regions and product segment of medical imaging devices. This report profiles 39 key global players and 50 major players across the United States – 32; Canada – 2; Japan – 4; Europe – 8; Asia-Pacific – 3 and Rest of World - 1. The report also provides the listing of the companies engaged in research, technology development, manufacturing and the supply of medical imaging devices. The global list of companies covers addresses, contact numbers and the website addresses of 495 companies.

MEDICAL IMAGING DEVICES - A GLOBAL MARKET OVERVIEW

TABLE OF CONTENTS

TABLE OF CONTENTS:

PART A: GLOBAL MARKET PERSPECTIVE

1. INTRODUCTION

1.1 Product Outline

1.1.1 Techniques Used in Medical Imaging

1.1.2 Classification of Medical Imaging Devices

1.1.2.1 X-Rays

1.1.2.1.1 Key Properties of X-Rays

1.1.2.1.2 Types of X-Rays

1.1.2.1.2.1 X-Rays of Bones and Teeth

1.1.2.1.2.2 Chest X-Rays

1.1.2.1.2.3 Abdominal X-Rays

1.1.2.1.3 X-Rays for Dental Imaging

1.1.2.1.3.1 Digital Radiography

1.1.2.2 Computed Tomography Scanners (CT Scanners)

1.1.2.2.1 Positives and Negatives of CT Scans

1.1.2.2.2 Use of CT Scans in Dentistry

1.1.2.2.3 Colon CT Scan and its Uses

1.1.2.2.4 Applications of Head CT Scans

1.1.2.2.5 Chest CT Scans: Applications

1.1.2.2.5.1 CT Angiography

1.1.2.2.5.1.1 Pulmonary Angiogram

1.1.2.2.6 Abdominal CT Scans

1.1.2.2.7 CT Scans for Extremities

1.1.2.2.8 Cardiac CT Scans

1.1.2.3 Ultrasound (Ultrasound Imaging/Scanning)

1.1.2.3.1 Categories of Ultrasound Systems

1.1.2.3.1.1 3D/4D Ultrasound

1.1.2.3.1.2 Doppler Ultrasound

1.1.2.3.2 Applications of Ultrasound Scanning

1.1.2.3.3 Global Market Scenario

1.1.2.4 Magnetic Resonance Imaging (MRI)

1.1.2.4.1 Applications of MRI

1.1.2.4.1.1 Categorization of MRI Based on Human Physiology

1.1.2.4.1.2 Categorization of MRI Based on Technique

1.1.2.4.1.2.1 Multinuclear Imaging

1.1.2.4.1.2.2 Magnetic Resonance Guided Focused Ultrasound (MRgFUS)

1.1.2.4.1.2.3 Current Density Imaging

1.1.2.4.1.2.4 Radiation Therapy Simulation

1.1.2.4.1.2.5 Magnetization Transfer MRI

1.1.2.4.1.2.6 Diffusion MRI

1.1.2.4.1.2.7 Fluid Attenuated Inversion Recovery (FLAIR) 1.1.2.4.1.2.8 Magnetic Resonance Gated Intracranial CSF Dynamics 1.1.2.4.1.2.9 Magnetic Resonance Spectroscopy (MRS) 1.1.2.4.1.2.10 Magnetic Resonance Spectroscopic Imaging (MRSI) 1.1.2.4.1.2.11 Functional Magnetic Resonance Imaging (Functional MRI) 1.1.2.4.1.2.12 Susceptibility Weighted Imaging (SWI) 1.1.2.4.1.3 Pros and Cons of Magnetic Resonance Imaging 1.1.2.4.1.3.1 Positives of MRI 1.1.2.4.1.3.2 Negatives of MRI 1.1.2.4.2 Global Market Scenario 1.1.2.5 Positron Emission Tomography (PET) 1.1.2.5.1 Applications of PET Scans © Industry Experts, All Rights Reserved -ii-

MEDICAL IMAGING DEVICES - A GLOBAL MARKET OVERVIEW

TABLE OF CONTENTS

- 1.1.2.5.2 PET: Positives and Negatives/Side Effects
 - 1.1.2.5.2.1 Positives
 - 1.1.2.5.2.2 Negatives
- 1.1.2.6 Picture Archiving and Communications System/Radiology Information System (PACS/RIS)
- 1.1.2.7 Nuclear Imaging

2. KEY MARKET TRENDS

Innovation in Handheld Imaging Devices: 3-D Medical Scanner to Help Primary Care Physicians
Identifying Early-Stage Coronary Disease Assisted with New MRI Technique
Potential for Reducing Breast Biopsies Offered by Innovative MRI Technique
Breast Cancer Diagnosis and Therapy Supported by Novel Optical Imaging Technology
MRI Helps Prostate Cancer Patients to Benefit from "Active Surveillance"
Soft Tissue Tomography Moves Forward through a Prototype
Direct Radiography for Enhancing Medical Imaging
Hybrid Medical Imaging Technology Helps in Earlier Tumor Detection
Radiation from Medical Imaging Cause for DNA Damage and Cancer
X-Ray Radiation Exposure in Patients Considerably Slashed by Cardiologists
Multiple Sclerosis Better Understood Using MRI
Accurate Assessment of Coronary Blockages with Advanced CT Scans
Concentration and Visuospatial Awareness Affected by MRI Scanners
Light Capturing Efficiency of Medical Imaging Devices Inspired by Moths' Eyes
Computed Tomography for Urolithiasis: Latest Developments in Diagnosis and Characterization
Therapy for Chronic Ear Infections Facilitated by New Imaging Device
Medical Imaging Applications Boosted by Advanced Sensor
New Innovations from MITA for Minimizing Radiation Exposure
Even HMOs Record Increased Medical Imaging Radiation Exposure Levels
New Vistas for Medical Applications Opened Up with Handheld 3-D Imaging System
FDA Strictures on Medical Imaging Device Radiation for Children
Radioguided Surgeries to be Transformed by Handheld 3D Imaging Device for the OR
FDA's "Initiative to Reduce Unnecessary Radiation Exposure from Medical Imaging"
High-Resolution 3-D Tissue Images Further Enhanced
Sharing Medical Images Made Simple and Efficient with "Cloud" Computing Technology
Reducing Side Effects with Ultrasound Prostate Cancer Treatment
Weight Gain and Sexual Activity Predicted with fMRI
Medical Imaging Transformation through Semiconductor ICs
An Overview of Breast Imaging Technologies
Feasibility of Leasing Medical Imaging Equipment
Medical Imaging Moves Ahead with iPads
Makeover of an iPhone into a Medical Imaging Device
Tumor Cells Traveling in Brain Seen Using New Imaging Device
Comprehending Brain Disorders Facilitated with New X-Ray Technique

3. KEY GLOBAL PLAYERS

4. KEY BUSINESS TRENDS

Launch of Thermo Scientific MYECL Imager for Life Science Applications
MediGuide Technology 3D Navigation System Launched by St. Jude
Philips and Infraredx Collaborate on Cardiovascular Medical Imaging Systems
Medtronic Launches Japan's First MR-Conditional Pacemaker
Launch of ICON's New Medical Imaging Solution for Early Phase Research
Alpha Imaging and OhioHealth in a Strategic Business Agreement
Massachusetts General Hospital Installs EOS Low-Dose 2D/3D Imaging System
Launch of Next Generation nanoScan Pre-Clinical Imaging Platform by Mediso
Acquisition of Reliant Medical Systems by Alpha Imaging
Kent Imaging's Medical Imaging Camera Commercialized in the US

MEDICAL IMAGING DEVICES - A GLOBAL MARKET OVERVIEW

TABLE OF CONTENTS

Bioscan Collaborates with Ultrasonix Medical Corp
GE Healthcare and University of Wisconsin-Milwaukee (UWM) Team Up
Toshiba Medical Systems Corp and Toshiba Medical Manufacturing Co Ltd Merge Operations
Siemens Healthcare to Acquire of Penrith Corp
FDR D-EVO Suite II Introduced by Fujifilm Medical Systems USA Inc
American College of Radiology Launches 'ACR Select'
Arradance Inc's Medical Imaging Nanofilm Technologies Obtain Two Patents
Compressus and Calgary Scientific Inc. in an Agreement
BCF Launches Mindray DP-50 Ultrasound Scanner
ISO Certification and CE Mark Approval for NinePoint Medical's NvisionVLE Imaging System
Siemens Opens a New Refurbishing Center in the US
Philips in Collaboration with Russian Medical Imaging Technology Institutes
GE Healthcare Takes Over XPRO
GE Healthcare Teams Up with North Shore-LIJ
Toshiba Collaborates with United Medical Instruments
Philips Unveils iU22 xMatrix Ultrasound System in the Philippine Market
Philips Healthcare Inks Collaboration with Boston Scientific
Advanced PET Films introduced by Carestream Tollcoating
nScope eMRI Preclinical Imaging System Introduced by Agilent Technologies
Imaging Diagnostic Systems Inc. Inks Collaboration with Shimadzu Medical
Clinical Trial for First Implant of Accent MRI Pacemaker and Tendril MRI Lead System by St Jude Medical
Innovative Real 3D Mammography Imaging System Announced by Fujifilm
Latest Innovations from Carestream in Medical Imaging Technologies
BioClinica Teams Up with Mirada Medical
Varian Medical Systems to Acquire InfiMed Inc
Fujifilm Holdings Corporation Acquires SonoSite Inc.
Canon Acquires Delft Diagnostic Imaging
Analogic Unveils Novel Quantum Technology Integrated BK Medical Ultrasound Systems
CE Mark Approval for Koning Breast Computed Tomography System with High Definition 3D Technology
Nvision VLE Imaging System of NinePoint Medical Approved by FDA
3Disc Imaging Acquires CoreWare
St Jude Medical Unveils Accent MRI Pacemaker and Tendril MRI Lead in India
Fujifilm Medical Systems USA Enhances Product Portfolio
Largest Medical Imaging Equipment Order for Siemens Healthcare in Latin America
Groundbreaking Medical Imaging System from Terasic
Accenture and AT&T Unveil a New Medical Imaging Solution
Platinum Medical Imaging LLC acquired by Oxford Instruments PLC
Sectra Signs an Agreement with University Hospitals
UF-760AG Color Portable Ultrasound System Introduced by Fukuda Denshi
Hitachi Medical and Aloka Merge to Form Hitachi Aloka Medical
RadiForce RX840 8 Megapixel Diagnostic Color Monitor from EIZO
Philips Launches RightFit Service Agreement Portfolio in North America
3mensio Taken Over by Esaote International NV and Pie Medical Imaging
McKesson Offers Streamlining of Medical Imaging Operations to Saint Barnabas
Flex Focus 700 Ultrasound System Unveiled by BK Medical

5. GLOBAL MARKET OVERVIEW

- 5.1 Market Overview by Imaging Modality
- 5.2 Imaging Modality Market Overview by Global Region
 - 5.2.1 Computed Tomography (CT)
 - 5.2.2 Magnetic Resonance Imaging (MRI)
 - 5.2.3 Positron Emission Tomography (PET)
 - 5.2.4 Ultrasound
 - 5.2.5 X-Ray
 - 5.2.6 Nuclear Imaging

MEDICAL IMAGING DEVICES - A GLOBAL MARKET OVERVIEW

TABLE OF CONTENTS

5.2.7 Picture Archiving and Communications System (PACS)

PART B: REGIONAL MARKET PERSPECTIVE

REGIONAL MARKET OVERVIEW

1. UNITED STATES

1.1 United States Market Overview

1.2 Major Market Players

Agilent Technologies Inc

Air Techniques, Inc.

Analogic Corporation

Boston Scientific Corporation

C. R. Bard, Inc.

Canon USA, Inc.

Carestream Health, Inc

Del Medical Systems

Digirad Corporation

Esaote North America, Inc.

Fonar Corporation

Fujifilm Medical Systems USA, Inc

Hitachi Medical Systems America, Inc

Hologic Inc.

iCAD, Inc

Imaging Diagnostic Systems, Inc.

Infimed, Inc.

Mckesson Corp

Medrad, Inc.

Merge Healthcare, Inc

Mindray North America

Philips Medical Systems North America, Inc

Schick Technologies Inc.

Siemens Medical Solutions Usa, Inc

Sonosite Inc

Swissray International Inc.

Thermo Fisher Scientific Inc

Toshiba America Medical Systems, Inc

Varian Medical Systems Inc

Vital Images, Inc

Volcano Corporation

Ziehm Imaging Inc

2. CANADA

2.1 Canadian Market Overview

2.2 Major Market Players

Imaging Dynamics Company Ltd

Teledyne Dalsa, Inc.

3. JAPAN

3.1 Japanese Market Overview

3.2 Major Market Players

Hitachi Aloka Medical Ltd

Hitachi Medical Corporation

Shimadzu Corporation

Toshiba Medical Systems Corporation

MEDICAL IMAGING DEVICES - A GLOBAL MARKET OVERVIEW

TABLE OF CONTENTS

4. EUROPE

- 4.1 Market Overview by Geographic Region
- 4.2 Market Overview by Imaging Modality
- 4.3 Imaging Modality Market Overview by European Region
 - 4.3.1 Computed Tomography (CT)
 - 4.3.2 Magnetic Resonance Imaging (MRI)
 - 4.3.3 Positron Emission Tomography (PET)
 - 4.3.4 Ultrasound
 - 4.3.5 X-Ray
 - 4.3.6 Nuclear Imaging
 - 4.3.7 Picture Archiving and Communications System (PACS)
- 4.4 Major Market Players
 - Agfa Healthcare NV (Belgium)
 - Amico JSC (Russia)
 - Esaote SpA (Italy)
 - GE Healthcare Ltd (United Kingdom)
 - Philips Healthcare (The Netherlands)
 - Sectra Medical Systems AB (Sweden)
 - Siemens Healthcare (Germany)
 - Trixell SAS (France)

4.5 European Market Overview by Country

- 4.5.1 FRANCE
- 4.5.2 GERMANY
- 4.5.3 ITALY
- 4.5.4 SPAIN
- 4.5.5 THE UNITED KINGDOM
 - 4.5.5.1 The Imaging Statistics
 - 4.5.5.2 Market Overview by Imaging Modality
- 4.5.6 REST OF EUROPE

5. ASIA-PACIFIC

- 5.1 Market Overview by Geographic Region
- 5.2 Market Overview by Imaging Modality
- 5.3 Imaging Modality Market Overview by Asia-Pacific Region
 - 5.3.1 Computed Tomography (CT)
 - 5.3.2 Magnetic Resonance Imaging (MRI)
 - 5.3.3 Positron Emission Tomography (PET)
 - 5.3.4 Ultrasound
 - 5.3.5 X-Ray
 - 5.3.6 Nuclear Imaging
 - 5.3.7 Picture Archiving and Communications System (PACS)
- 5.4 Major Market Players
 - Mindray Medical International Limited (China)
 - The Samon Imaging Systems (India)
 - Samsung Medison Co Ltd (South Korea)

5.5 Asia-Pacific Market Overview by Country

- 5.5.1 CHINA
- 5.5.2 INDIA
 - 5.5.2.1 Indian MRI Market Analysis by Product Type
 - 5.5.2.1.1 Volume Sales
 - 5.5.2.1.2 Sales Value
 - 5.5.2.2 Indian Market Overview by Imaging Modality
- 5.5.3 SOUTH KOREA

MEDICAL IMAGING DEVICES - A GLOBAL MARKET OVERVIEW

TABLE OF CONTENTS

- 5.5.4 AUSTRALIA
- 5.5.5 TAIWAN
- 5.5.6 REST OF ASIA-PACIFIC

6. REST OF WORLD

- 6.1 A Major Market Player- CMT Medical Technologies (Israel)

PART C: GUIDE TO THE INDUSTRY

1. NORTH AMERICA

- 1.1 Canada
- 1.2 United States

2. EUROPE

- 2.1 Belgium
- 2.2 Czech Republic
- 2.3 Denmark
- 2.4 Estonia
- 2.5 Finland
- 2.6 France
- 2.7 Germany
- 2.8 Gerorgia
- 2.9 Hungary
- 2.10 Ireland
- 2.11 Italy
- 2.12 Lithuania
- 2.13 Norway
- 2.14 Poland
- 2.15 Russia
- 2.16 Scotland (UK)
- 2.17 Slovenia
- 2.18 Spain
- 2.19 Sweden
- 2.20 Switzerland
- 2.21 The Netherlands
- 2.22 Turkey
- 2.23 United Kingdom

3. ASIA-PACIFIC

- 3.1 Australia
- 3.2 China
- 3.3 India
- 3.4 Japan
- 3.5 Singapore
- 3.6 South Korea
- 3.7 Taiwan
- 3.8 Thailand

4. REST OF WORLD

- 4.1 Brazil
- 4.2 Egypt
- 4.3 Israel
- 4.4 South Africa

PART D: ANNEXURE

- 1. RESEARCH METHODOLOGY

MEDICAL IMAGING DEVICES - A GLOBAL MARKET OVERVIEW

TABLE OF CONTENTS

2. THE QUESTIONNAIRE
3. FEEDBACK

Charts & Graphs

PART A: GLOBAL MARKET PERSPECTIVE

Chart 1: Leading Global Ultrasound Systems Manufacturers by % Share for 2011 and 2012 for GE Healthcare, Philips Healthcare, Siemens Healthcare, Toshiba Medical and Others

Chart 2: Leading Global MRI Systems Manufacturers by % Share for 2011 and 2012 for Siemens Healthcare, GE Healthcare, Philips healthcare, Toshiba Medical, Hitachi Medical Corp and Others

Chart 3: Global Market Analysis of Medical Imaging Devices (2010-2020) in USD Million

Chart 4: Global Market Analysis of Medical Imaging Devices (2010-2020) by Modality for CT, MRI, PET, Ultrasound, X-Ray, Nuclear Imaging and PACS in USD Million

Chart 5: Glance at 2010, 2015 and 2020 Global Market Share (%) of Medical Imaging Devices by Modality for CT, MRI, PET, Ultrasound, X-Ray, Nuclear Imaging and PACS

Chart 6: Global Market Analysis of Computed Tomography Devices (2010-2020) by Geographic Region for United States, Canada, Japan, Europe, Asia-Pacific and Rest of World in USD Million

Chart 7: Glance at 2010, 2015 and 2020 Global Market Share (%) of Computed Tomography Devices by Geographic Region for United States, Canada, Japan, Europe, Asia-Pacific and Rest of World

Chart 8: Global Market Analysis of Magnetic Resonance Imaging Devices (2010-2020) by Geographic Region for United States, Canada, Japan, Europe, Asia-Pacific and Rest of World in USD Million

Chart 9: Glance at 2010, 2015 and 2020 Global Market Share (%) of Magnetic Resonance Imaging Devices by Geographic Region for United States, Canada, Japan, Europe, Asia-Pacific and Rest of World

Chart 10: Global Market Analysis of Positron Emission Tomography Devices (2010-2020) by Geographic Region for United States, Canada, Japan, Europe, Asia-Pacific and Rest of World in USD Million

Chart 11: Glance at 2010, 2015 and 2020 Global Market Share (%) of Positron Emission Tomography Devices by Geographic Region for United States, Canada, Japan, Europe, Asia-Pacific and Rest of World

Chart 12: Global Market Analysis of Ultrasound Devices (2010-2020) by Geographic Region for United States, Canada, Japan, Europe, Asia-Pacific and Rest of World in USD Million

Chart 13: Glance at 2010, 2015 and 2020 Global Market Share (%) of Ultrasound Devices by Geographic Region for United States, Canada, Japan, Europe, Asia-Pacific and Rest of World

Chart 14: Global Market Analysis of X-Ray Devices (2010-2020) by Geographic Region for United States, Canada, Japan, Europe, Asia-Pacific and Rest of World in USD Million

Chart 15: Glance at 2010, 2015 and 2020 Global Market Share (%) of X-Ray Devices by Geographic Region for United States, Canada, Japan, Europe, Asia-Pacific and Rest of World

Chart 16: Global Market Analysis of Nuclear Imaging Devices (2010-2020) by Geographic Region for United States, Canada, Japan, Europe, Asia-Pacific and Rest of World in USD Million

Chart 17: Glance at 2010, 2015 and 2020 Global Market Share (%) of Nuclear Imaging Devices by Geographic Region for United States, Canada, Japan, Europe, Asia-Pacific and Rest of World

Chart 18: Global Market Analysis of PACS Devices (2010-2020) by Geographic Region for United States, Canada, Japan, Europe, Asia-Pacific and Rest of World in USD Million

Chart 19: Glance at 2010, 2015 and 2020 Global Market Share (%) of PACS by Geographic Region for United States, Canada, Japan, Europe, Asia-Pacific and Rest of World

PART B: REGIONAL MARKET PERSPECTIVE

Chart 20: The Projection of Largest Regions in terms of Market Growth of Medical Imaging Devices by Geography for Asia-Pacific, Canada, Europe, United States and Japan

Chart 21: Global Market Analysis of Medical Imaging Devices (2010-2020) by Geographic Region for United States, Canada, Japan, Europe, Asia-Pacific and Rest of World in USD Million

Chart 22: Glance at 2010, 2015 and 2020 Global Market Share (%) of Medical Imaging Devices by Geographic Region for United States, Canada, Japan, Europe, Asia-Pacific and Rest of World

UNITED STATES

Chart 23: United States Market Analysis of Medical Imaging Devices (2010-2020) by Modality for CT, MRI, PET, Ultrasound, X-Ray, Nuclear Imaging and PACS in USD Million

MEDICAL IMAGING DEVICES - A GLOBAL MARKET OVERVIEW

TABLE OF CONTENTS

Chart 24: Glance at 2010, 2015 and 2020 United States Market Share (%) of Medical Imaging Devices by Modality for CT, MRI, PET, Ultrasound, X-Ray, Nuclear Imaging and PACS

CANADA

Chart 25: Canadian Market Analysis of Medical Imaging Devices (2010-2020) by Modality for CT, MRI, PET, Ultrasound, X-Ray, Nuclear Imaging and PACS in USD Million

Chart 26: Glance at 2010, 2015 and 2020 Canadian Market Share (%) of Medical Imaging Devices by Modality for CT, MRI, PET, Ultrasound, X-Ray, Nuclear Imaging and PACS

JAPAN

Chart 27: Japanese Market Analysis of Medical Imaging Devices (2010-2020) by Modality for CT, MRI, PET, Ultrasound, X-Ray, Nuclear Imaging and PACS in USD Million

Chart 28: Glance at 2010, 2015 and 2020 Japanese Market Share (%) of Medical Imaging Devices by Modality for CT, MRI, PET, Ultrasound, X-Ray, Nuclear Imaging and PACS

EUROPE

Chart 29: European Market Analysis of Medical Imaging Devices (2010-2020) by Geographic Region for France, Germany, Italy, Spain, United Kingdom and Rest of Europe in USD Million

Chart 30: Glance at 2010, 2015 and 2020 European Market Share (%) of Medical Imaging Devices by Geographic Region for France, Germany, Italy, Spain, United Kingdom and Rest of Europe

Chart 31: European Market Analysis of Medical Imaging Devices (2010-2020) by Modality for CT, MRI, PET, Ultrasound, X-Ray, Nuclear Imaging and PACS in USD Million

Chart 32: Glance at 2010, 2015 and 2020 European Market Share (%) of Medical Imaging Devices by Modality for CT, MRI, PET, Ultrasound, X-Ray, Nuclear Imaging and PACS

Chart 33: European Market Analysis of Computed Tomography Devices (2010-2020) by Geographic Region for France, Germany, Italy, Spain, United Kingdom and Rest of Europe in USD Million

Chart 34: Glance at 2010, 2015 and 2020 European Market Share (%) of Computed Tomography Devices by Geographic Region for France, Germany, Italy, Spain, United Kingdom and Rest of Europe

Chart 35: European Market Analysis of Magnetic Resonance Imaging Devices (2010-2020) by Geographic Region for France, Germany, Italy, Spain, United Kingdom and Rest of Europe in USD Million

Chart 36: Glance at 2010, 2015 and 2020 European Market Share (%) of Magnetic Resonance Imaging Devices by Geographic Region for France, Germany, Italy, Spain, United Kingdom and Rest of Europe

Chart 37: European Market Analysis of Positron Emission Tomography Devices (2010-2020) by Geographic Region for France, Germany, Italy, Spain, United Kingdom and Rest of Europe in USD Million

Chart 38: Glance at 2010, 2015 and 2020 European Market Share (%) of Positron Emission Tomography Devices by Geographic Region for France, Germany, Italy, Spain, United Kingdom and Rest of Europe

Chart 39: European Market Analysis of Ultrasound Devices (2010-2020) by Geographic Region for France, Germany, Italy, Spain, United Kingdom and Rest of Europe in USD Million

Chart 40: Glance at 2010, 2015 and 2020 European Market Share (%) of Ultrasound Devices by Geographic Region for France, Germany, Italy, Spain, United Kingdom and Rest of Europe

Chart 41: European Market Analysis of X-Ray Devices (2010-2020) by Geographic Region for France, Germany, Italy, Spain, United Kingdom and Rest of Europe in USD Million

Chart 42: Glance at 2010, 2015 and 2020 European Market Share (%) of X-Ray Devices by Geographic Region for France, Germany, Italy, Spain, United Kingdom and Rest of Europe

Chart 43: European Market Analysis of Nuclear Imaging Devices (2010-2020) by Geographic Region for France, Germany, Italy, Spain, United Kingdom and Rest of Europe in USD Million

Chart 44: Glance at 2010, 2015 and 2020 European Market Share (%) of Nuclear Imaging Devices by Geographic Region for France, Germany, Italy, Spain, United Kingdom and Rest of Europe

Chart 45: European Market Analysis of PACS Devices (2010-2020) by Geographic Region for France, Germany, Italy, Spain, United Kingdom and Rest of Europe in USD Million

Chart 46: Glance at 2010, 2015 and 2020 European Market Share (%) of PACS by Geographic Region for France, Germany, Italy, Spain, United Kingdom and Rest of Europe

FRANCE

MEDICAL IMAGING DEVICES - A GLOBAL MARKET OVERVIEW

TABLE OF CONTENTS

Chart 47: French Market Analysis of Medical Imaging Devices (2010-2020) by Modality for CT, MRI, PET, Ultrasound, X-Ray, Nuclear Imaging and PACS in USD Million

Chart 48: Glance at 2010, 2015 and 2020 French Market Share (%) of Medical Imaging Devices by Modality for CT, MRI, PET, Ultrasound, X-Ray, Nuclear Imaging and PACS

GERMANY

Chart 49: German Market Analysis of Medical Imaging Devices (2010-2020) by Modality for CT, MRI, PET, Ultrasound, X-Ray, Nuclear Imaging and PACS in USD Million

Chart 50: Glance at 2010, 2015 and 2020 German Market Share (%) of Medical Imaging Devices by Modality for CT, MRI, PET, Ultrasound, X-Ray, Nuclear Imaging and PACS

ITALY

Chart 51: Italian Market Analysis of Medical Imaging Devices (2010-2020) by Modality for CT, MRI, PET, Ultrasound, X-Ray, Nuclear Imaging and PACS in USD Million

Chart 52: Glance at 2010, 2015 and 2020 Italian Market Share (%) of Medical Imaging Devices by Modality for CT, MRI, PET, Ultrasound, X-Ray, Nuclear Imaging and PACS

SPAIN

Chart 53: Spanish Market Analysis of Medical Imaging Devices (2010-2020) by Modality for CT, MRI, PET, Ultrasound, X-Ray, Nuclear Imaging and PACS in USD Million

Chart 54: Glance at 2010, 2015 and 2020 Spanish Market Share (%) of Medical Imaging Devices by Modality for CT, MRI, PET, Ultrasound, X-Ray, Nuclear Imaging and PACS

THE UNITED KINGDOM

Chart 55: Imaging and Radiodiagnostic Tests in the United Kingdom by Imaging Modality for 2010, 2011 and 2012 in Millions

Chart 56: United Kingdom Market Analysis of Medical Imaging Devices (2010-2020) by Modality for CT, MRI, PET, Ultrasound, X-Ray, Nuclear Imaging and PACS in USD Million

Chart 57: Glance at 2010, 2015 and 2020 United Kingdom Market Share (%) of Medical Imaging Devices by Modality for CT, MRI, PET, Ultrasound, X-Ray, Nuclear Imaging and PACS

REST OF EUROPE

Chart 58: Rest of Europe Market Analysis of Medical Imaging Devices (2010-2020) by Modality for CT, MRI, PET, Ultrasound, X-Ray, Nuclear Imaging and PACS in USD Million

Chart 59: Glance at 2010, 2015 and 2020 Rest of Europe Market Share (%) of Medical Imaging Devices by Modality for CT, MRI, PET, Ultrasound, X-Ray, Nuclear Imaging and PACS

ASIA-PACIFIC

Chart 60: Asia-Pacific Market Analysis of Medical Imaging Devices (2010-2020) by Geographic Region for China, India, South Korea, Australia, Taiwan and Rest of Asia-Pacific in USD Million

Chart 61: Glance at 2010, 2015 and 2020 Asia-Pacific Market Share (%) of Medical Imaging Devices by Geographic Region for China, India, South Korea, Australia, Taiwan and Rest of Asia-Pacific

Chart 62: Asia-Pacific Market Analysis of Medical Imaging Devices (2010-2020) by Modality for CT, MRI, PET, Ultrasound, X-Ray, Nuclear Imaging and PACS in USD Million

Chart 63: Glance at 2010, 2015 and 2020 Asia-Pacific Market Share (%) of Medical Imaging Devices by Modality for CT, MRI, PET, Ultrasound, X-Ray, Nuclear Imaging and PACS

Chart 64: Asia-Pacific Market Analysis of Computed Tomography Devices (2010-2020) by Geographic Region for China, India, South Korea, Australia, Taiwan and Rest of Asia-Pacific in USD Million

Chart 65: Glance at 2010, 2015 and 2020 Asia-Pacific Market Share (%) of Computed Tomography Devices by Geographic Region for China, India, South Korea, Australia, Taiwan and Rest of Asia-Pacific

Chart 66: Asia-Pacific Market Analysis of Magnetic Resonance Imaging Devices (2010-2020) by Geographic Region for China, India, South Korea, Australia, Taiwan and Rest of Asia-Pacific in USD Million

Chart 67: Glance at 2010, 2015 and 2020 Asia-Pacific Market Share (%) of Magnetic Resonance Imaging Devices by Geographic Region for China, India, South Korea, Australia, Taiwan and Rest of Asia-Pacific

Chart 68: Asia-Pacific Market Analysis of Positron Emission Tomography Devices (2010-2020) by Geographic Region for China, India, South Korea, Australia, Taiwan and Rest of Asia-Pacific in USD Million

MEDICAL IMAGING DEVICES - A GLOBAL MARKET OVERVIEW

TABLE OF CONTENTS

Chart 69: Glance at 2010, 2015 and 2020 Asia-Pacific Market Share (%) of Positron Emission Tomography Devices by Geographic Region for China, India, South Korea, Australia, Taiwan and Rest of Asia-Pacific

Chart 70: Asia-Pacific Market Analysis of Ultrasound Devices (2010-2020) by Geographic Region for China, India, South Korea, Australia, Taiwan and Rest of Asia-Pacific in USD Million

Chart 71: Glance at 2010, 2015 and 2020 Asia-Pacific Market Share (%) of Ultrasound Devices by Geographic Region for China, India, South Korea, Australia, Taiwan and Rest of Asia-Pacific

Chart 72: Asia-Pacific Market Analysis of X-Ray Devices (2010-2020) by Geographic Region for China, India, South Korea, Australia, Taiwan and Rest of Asia-Pacific in USD Million

Chart 73: Glance at 2010, 2015 and 2020 Asia-Pacific Market Share (%) of X-Ray Devices by Geographic Region for China, India, South Korea, Australia, Taiwan and Rest of Asia-Pacific

Chart 74: Asia-Pacific Market Analysis of Nuclear Imaging Devices (2010-2020) by Geographic Region for China, India, South Korea, Australia, Taiwan and Rest of Asia-Pacific in USD Million

Chart 75: Glance at 2010, 2015 and 2020 Asia-Pacific Market Share (%) of Nuclear Imaging Devices by Geographic Region for China, India, South Korea, Australia, Taiwan and Rest of Asia-Pacific

Chart 76: Asia-Pacific Market Analysis of PACS Devices (2010-2020) by Geographic Region for China, India, South Korea, Australia, Taiwan and Rest of Asia-Pacific in USD Million

Chart 77: Glance at 2010, 2015 and 2020 Asia-Pacific Market Share (%) of PACS by Geographic Region for China, India, South Korea, Australia, Taiwan and Rest of Asia-Pacific

CHINA

Chart 78: Chinese Market Analysis of Medical Imaging Devices (2010-2020) by Modality for CT, MRI, PET, Ultrasound, X-Ray, Nuclear Imaging and PACS in USD Million

Chart 79: Glance at 2010, 2015 and 2020 Chinese Market Share (%) of Medical Imaging Devices by Modality for CT, MRI, PET, Ultrasound, X-Ray, Nuclear Imaging and PACS

INDIA

Chart 80: Indian Diagnostic MRI Equipment Market by % Share for 2011 and 2012 in Terms of Units by Segment for 3 Tesla MRI, 1.5 Tesla MRI Economy, 1.5 Tesla MRI (Mid- & High-End), 0.2-0.5 Tesla MRI and Refurbished MRI

Chart 81: Indian Diagnostic MRI Equipment Market by % Share for 2011 and 2012 in Terms of Value by Segment for 3 Tesla MRI, 1.5 Tesla MRI Economy, 1.5 Tesla MRI (Mid- & High-End), 0.2-0.5 Tesla MRI and Refurbished MRI

Chart 82: Indian Market Analysis of Medical Imaging Devices (2010-2020) by Modality for CT, MRI, PET, Ultrasound, X-Ray, Nuclear Imaging and PACS in USD Million

Chart 83: Glance at 2010, 2015 and 2020 Indian Market Share (%) of Medical Imaging Devices by Modality for CT, MRI, PET, Ultrasound, X-Ray, Nuclear Imaging and PACS

SOUTH KOREA

Chart 84: South Korean Market Analysis of Medical Imaging Devices (2010-2020) by Modality for CT, MRI, PET, Ultrasound, X-Ray, Nuclear Imaging and PACS in USD Million

Chart 85: Glance at 2010, 2015 and 2020 South Korean Market Share (%) of Medical Imaging Devices by Modality for CT, MRI, PET, Ultrasound, X-Ray, Nuclear Imaging and PACS

AUSTRALIA

Chart 86: Australian Market Analysis of Medical Imaging Devices (2010-2020) by Modality for CT, MRI, PET, Ultrasound, X-Ray, Nuclear Imaging and PACS in USD Million

Chart 87: Glance at 2010, 2015 and 2020 Australian Market Share (%) of Medical Imaging Devices by Modality for CT, MRI, PET, Ultrasound, X-Ray, Nuclear Imaging and PACS

TAIWAN

Chart 88: Taiwanese Market Analysis of Medical Imaging Devices (2010-2020) by Modality for CT, MRI, PET, Ultrasound, X-Ray, Nuclear Imaging and PACS in USD Million

Chart 89: Glance at 2010, 2015 and 2020 Taiwanese Market Share (%) of Medical Imaging Devices by Modality for CT, MRI, PET, Ultrasound, X-Ray, Nuclear Imaging and PACS

MEDICAL IMAGING DEVICES - A GLOBAL MARKET OVERVIEW

TABLE OF CONTENTS

REST OF ASIA-PACIFIC

Chart 90: Rest of Asia-Pacific Market Analysis of Medical Imaging Devices (2010-2020) by Modality for CT, MRI, PET, Ultrasound, X-Ray, Nuclear Imaging and PACS in USD Million

Chart 91: Glance at 2010, 2015 and 2020 Rest of Asia-Pacific Market Share (%) of Medical Imaging Devices by Modality for CT, MRI, PET, Ultrasound, X-Ray, Nuclear Imaging and PACS

REST OF WORLD

Chart 92: Rest of World Market Analysis of Medical Imaging Devices (2010-2020) by Modality for CT, MRI, PET, Ultrasound, X-Ray, Nuclear Imaging and PACS in USD Million

Chart 93: Glance at 2010, 2015 and 2020 Rest of World Market Share (%) of Medical Imaging Devices by Modality for CT, MRI, PET, Ultrasound, X-Ray, Nuclear Imaging and PACS

KEY GLOBAL MARKET PLAYERS:

AGFA Healthcare NV
Agilent Technologies Inc
Air Techniques, Inc.
Amico JSC
Analogic Corporation
Boston Scientific Corporation
C. R. Bard, Inc.
Canon USA, Inc.
Carestream Health, Inc
CMT Medical Technologies
Del Medical Systems
Digirad Corporation
Esaote North America, Inc.
Esaote SpA
Fonar Corporation
Fujifilm Medical Systems USA, Inc
GE Healthcare Ltd
Hitachi Medical Corporation
Hitachi Medical Systems America, Inc
Hologic Inc.
iCAD, Inc
Mckesson Corp
Medrad, Inc.
Mindray Medical International Limited
Philips Healthcare
Philips Medical Systems North America, Inc
Samsung Medison Co Ltd
Sectra Medical Systems AB
Shimadzu Corporation
Siemens Healthcare
Siemens Medical Solutions Usa, Inc
Sonosite Inc

MEDICAL IMAGING DEVICES - A GLOBAL MARKET OVERVIEW

TABLE OF CONTENTS

Swissray International Inc.
Teledyne Dalsa, Inc.
The Samon Imaging Systems
Thermo Fisher Scientific Inc
Toshiba America Medical Systems, Inc
Toshiba Medical Systems Corporation
Trixell SAS

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