

# Medical Imaging Instrumentation: Global Markets and Technologies Through 2022

<https://marketpublishers.com/r/M79B8729A2EEN.html>

Date: November 2018

Pages: 378

Price: US\$ 1,375.00 (Single User License)

ID: M79B8729A2EEN

## Abstracts

### Report Scope

The scope of this report is broad and covers various types of products available in the medical imaging instruments market and potential application sectors across various industries. The medical imaging instruments market is broken down into product types such as X-ray systems, ultrasound devices, MRI, computed tomography and nuclear imaging. Revenue forecasts from 2017 to 2022 are given for each product type, technologies, application and end users with estimated valued derived from the revenue of manufacturers' total revenues.

The report also includes a discussion of the major players across each regional medical imaging instrument market. It explains the major drivers and regional dynamics of the global medical imaging instruments market and current trends within the industry.

The report concludes with a special focus on the vendor landscape and includes detailed profiles of the major vendors in the global medical imaging instruments market.

### Report Includes:

260 data tables and 104 additional tables

A comprehensive overview of the global market for medical imaging instruments within the healthcare industry

Analyses of global market trends with data from 2016 and 2017, and projections of compound annual growth rates (CAGRs) through 2022

Characterization and quantification of market potential for medical imaging instrument by product type, technology type, application industry, end-user and geographical region

Methodological study with a trend analysis of the global market for medical imaging instrument using quantitative and qualitative approaches

Information on major drivers and regional dynamics of the global medical imaging instrument market and current trends within the industry

Coverage of significant patents and their allotments in each category across the United States, Japan and European region

Identification of key market players, product portfolios, recent developments and application areas

Examination of competitive landscape and assessment of various strategies adopted by market players to enhance their market position, including expansion, product launch, acquisition and merger, innovation, partnership and joint venture

Detailed profiles of the major players within the medical imaging instrument market, including Bruker Corp., Cook Medical LLC, GE Healthcare, Hitachi Medical Corp., Philips Healthcare and Siemens Healthcare

## Contents

### **CHAPTER 1 INTRODUCTION**

Study Goals and Objectives  
Reasons for Doing This Study  
Scope of Report  
Methodology  
Geographic Breakdown  
Analyst's Credentials  
BCC Custom Research  
Related BCC Research Reports

### **CHAPTER 2 SUMMARY AND HIGHLIGHTS**

### **CHAPTER 3 OVERVIEW**

Introduction  
Regulations  
United States  
Europe  
India  
Australia  
China  
Market Potential  
Industry Growth Drivers  
Image-based Invasive and Noninvasive Procedures  
Increasing Prevalence of Chronic Diseases and Rising Investments  
Drug Discovery and Other R&D Activities  
Increased Demand for 3D Medical Imaging Equipment  
Increasing Geriatric Population across the Globe  
Surging Adoption of Cloud Computing in Medical Imaging

### **CHAPTER 4 MEDICAL IMAGING EQUIPMENT/INSTRUMENTS BY PRODUCT TYPE**

X-ray Equipment/Instruments  
Advantages of X-ray Machines  
New Product Launches  
Stationary X-ray Equipment/Instruments

Portable X-ray Equipment/Instruments  
MRI Equipment/Instruments  
MRI Equipment in Medical Applications  
New Product Launches  
Closed MRI Equipment/Instruments  
Open MRI Equipment/Instruments  
CT Scanners  
CT Scanners in Medical Applications  
Stationary CT Scans  
Advantages of Mobile CT Scanners  
New Product Launches  
Ultrasound Equipment/Instruments  
Cart/Trolley-Based Ultrasound Systems  
Compact/Portable Ultrasound Equipment/Instruments  
Nuclear Imaging Equipment/Instruments  
SPECT Scanners

## **CHAPTER 5 MEDICAL IMAGING EQUIPMENT/INSTRUMENTS BY TECHNOLOGY**

X-ray Equipment/Instruments  
Analog X-ray Equipment/Instruments  
Digital Radiography  
Computed Radiography  
MRI Equipment/Instruments  
Technological Advancements  
Low-Field Strength MRI  
Medium-Field Strength MRI  
High-Field Strength MRI  
CT Scanners  
Low-Slice CT  
Medium-Slice CT  
High-Slice CT  
Ultrasound Equipment/Instruments  
Market Drivers  
Technological Advancements  
2D ULTRASOUND  
3D AND 4D ULTRASOUND  
Doppler  
High Intensity Frequency Ultrasound (HIFU)

Lithotripsy  
Nuclear Imaging Equipment  
SPECT Scanners  
PET Scanners

## **CHAPTER 6 MEDICAL IMAGING EQUIPMENT/INSTRUMENTS BY APPLICATION**

X-ray Imaging Equipment/Instruments  
General Radiography  
Dental  
Mammography  
MRI Equipment/Instruments  
Brain and Neurological MRI  
Spine and Musculoskeletal MRI  
Vascular MRI  
Pelvic and Abdominal MRI  
Breast MRI  
Cardiac MRI  
Ultrasound Equipment/Instruments  
Radiology/General Imaging  
Obstetrics/Gynecology (OB/GYN)  
Cardiology  
Vascular  
Urology  
Other Applications  
CT Scanners  
Cardiology  
Oncology  
Neurology  
Other Applications  
Nuclear Imaging Equipment/Instruments  
Cardiology  
Oncology  
Neurology  
Other Applications

## **CHAPTER 7 MEDICAL IMAGING EQUIPMENT/INSTRUMENTS BY END USER**

Hospitals

Diagnostic Centers  
Transition of Healthcare Service from Service for Fee to Value Based Care Models  
High Penetration of Health Insurance  
Trends in Diagnostics Imaging Market  
Research Centers  
Increasing R&D Spending  
Research Areas of Biomedical Imaging Equipment/Instruments  
Applications of Biophotonics and Biomedical Imaging in Research

## **CHAPTER 8 MEDICAL IMAGING EQUIPMENT/INSTRUMENTS BY REGION**

North America  
United States  
Canada  
Mexico  
Europe  
United Kingdom  
France  
Germany  
Spain  
Italy  
Rest of Europe  
Asia-Pacific  
China  
India  
Japan  
South Korea  
Australia  
Rest of Asia-Pacific  
Rest of the World  
Latin America  
Middle East and Africa

## **CHAPTER 9 MEDICAL IMAGING EQUIPMENT/INSTRUMENTS INDUSTRY STRUCTURE**

Raw Material Suppliers  
Quality  
Terms and Conditions

Cost-Effective Components  
Manufacturing Process of Medical Imaging Instrument  
Procurement of Raw Materials/Parts  
Testing of Procured Products  
Production of Remaining Parts/Raw Materials  
Assembling  
Testing of the Product  
Distributors  
End Users  
Innovations in the Medical Imaging Equipment/Instruments Market

## **CHAPTER 10 PATENT ANALYSIS**

Japanese Patent Analysis  
European Patent Analysis  
U.S. Patent Analysis

## **CHAPTER 11 COMPANY PROFILES**

ADONIS MEDICAL SYSTEMS PVT. LTD.  
AGFA HEALTHCARE  
ALLENTERS  
ALL STAR X-RAY INC.  
AURORA IMAGING TECHNOLOGY INC.  
BOSTON SCIENTIFIC  
BRUKER CORP.  
CANON INC.  
CARESTREAM HEALTH INC.  
CHISON MEDICAL TECHNOLOGIES CO. LTD.  
COOK MEDICAL LLC  
ELEKTA  
ESAOTESPA  
FONAR CORP.  
FUJIFILM HOLDINGS CORP.  
GE HEALTHCARE  
HITACHI MEDICAL CORP.  
HOLOGIC INC.  
ICRCO INC.  
KALAMED GMBH MEDICAL SYSTEMS

KONICA MINOLTA INC.  
MEDTRONIC PLC  
MINDRAY  
NEUROLOGICA CORP.  
NEUSOFT MEDICAL SYSTEMS  
PHILIPS HEALTHCARE  
PROMED GROUP CO. LTD.  
SAMSUNG MEDISON CO. LTD.  
SHENZHEN ANASONIC BIO-MEDICAL TECHNOLOGY CO. LTD.  
SHIMADZU CORP.  
SIEMENS HEALTHCARE

**VAREX IMAGING CORP.**



## List Of Tables

### LIST OF TABLES

Summary Table: Global Market for Medical Imaging Equipment/Instruments, by Product Type, Through 2022

Table 1: Record and Reporting Requirements by Product

Table 2: Top 15 Countries in Aesthetic Surgery Procedures, 2016

Table 3: Comparison of Focused Ultrasound with an Ideal Surgical Tool

Table 4: Global Leading Causes of Disease, 2004 and 2030

Table 5: Investments in Medical Imaging Devices and Technologies

Table 6: Potential Roles of Molecular Imaging in Science and Clinical Medicine

Table 7: Drugs in the Pipeline for Selected Diseases, as of 2017

Table 8: Global Population Aged 60 and Above, by Region, 2015, 2030 and 2050

Table 9: Global Market for Medical Imaging Equipment/Instruments, by Product Type, Through 2022

Table 10: Global Market Volume for Medical Imaging Equipment/Instruments, by Product Type, 2016-2022

Table 11: Global Pricing of Medical Imaging Equipment/Instruments, by Product Type, 2016-2022

Table 12: Global Market for X-ray Equipment/Instruments, by Type, Through 2022

Table 13: Global Market for X-ray Equipment/Instruments, by Region, Through 2022

Table 14: Examples of Examinations and Procedures in Which X-ray Machines Are Used to Either Diagnose or Treat Disease

Table 15: Global Market Volume for X-ray Equipment/Instruments, by Type, 2016-2022

Table 16: Global Market Volume for X-ray Equipment/Instruments, by Region, 2016-2022

Table 17: Minimum Required X-ray Room Surfaces and Shielding Thicknesses

Table 18: Target Disease Statistics

Table 19: Main Causes of Mortality in Women and Men, by Type of Disease, 2017

Table 20: Percentage Distribution of U.S. Deaths Due to Heart Disease, by Type, 2017

Table 21: Global Pricing of X-ray Equipment/Instruments, by Type, 2016-2022

Table 22: Global Pricing of X-ray Equipment/Instruments, by Region, 2016-2022

Table 23: Global Market for Stationary X-ray Equipment/Instruments, by Type, Through 2022

Table 24: Global Market for Stationary X-ray Equipment/Instruments, by Region, Through 2022

Table 25: Global Market Volume for Stationary X-ray Equipment/Instruments, by Type, 2016-2022

Table 26: Global Market Volume for Stationary X-ray Equipment/Instruments, by Region, 2016-2022

Table 27: Global Pricing of Stationary X-ray Equipment/Instruments, by Type, 2016-2022

Table 28: Global Pricing of Stationary X-ray Equipment/Instruments, by Region, 2016-2022

Table 29: Global Market for Portable X-ray Equipment/Instruments, by Type, Through 2022

Table 30: Global Market for Portable X-ray Equipment/Instruments, by Region, Through 2022

Table 31: Global Market Volume for Portable X-ray Equipment/Instruments, by Type, 2016-2022

Table 32: Global Market Volume for Portable X-ray Equipment/Instruments, by Region, 2016-2022

Table 33: Global Pricing of Portable X-ray Equipment/Instruments, by Type, 2016-2022

Table 34: Global Pricing of Portable X-ray Equipment/Instruments, by Region, 2016-2022

Table 35: Global Market for MRI Equipment/Instruments, by Type, Through 2022

Table 36: Global Market for MRI Equipment/Instruments, by Region, Through 2022

Table 37: Potential Advantages and Disadvantages of High and Ultra-high Field Systems in Musculoskeletal Imaging

Table 38: Advantages, Limitations and Clinical Applications of Unenhanced MR Angiographic Techniques

Table 39: Global Market Volume for MRI Equipment/Instruments, by Product Type, 2016-2022

Table 40: Global Market Volume for MRI Equipment/Instruments, by Region, 2016-2022

Table 41: Fetal MRI Indications

Table 42: Healthcare Spending by High-Income, Upper-Middle-Income, Lower-Middle-Income and Low-Income Countries, by 2040

Table 43: Percentage Distribution of Healthcare Spending in India, by Sector, 2005 vs. 2015

Table 44: Global Pricing of MRI Equipment/Instruments, by Type, 2016-2022

Table 45: Global Pricing of MRI Equipment/Instruments, by Region, 2016-2022

Table 46: Global Market for Closed MRI Equipment/Instruments, by Region, Through 2022

Table 47: Global Market Volume for Closed MRI Equipment/Instruments, by Region, 2016-2022

Table 48: Global Pricing of Closed MRI Equipment/Instruments, by Region, 2016-2022

Table 49: Global Market for Open MRI Equipment/Instruments, by Region, Through

2022

Table 50: Global Market Volume for Open MRI Equipment/Instruments, by Region, 2016-2022

Table 51: Global Pricing of Open MRI Equipment/Instruments, by Region, 2016-2022

Table 52: Differences Between Open and Closed MRIs

Table 53: Global Market for CT Scanners, by Type, Through 2022

Table 54: Global Market for CT Scanners, by Region, Through 2022

Table 55: Global Market Volume for CT Scanner, by Type, 2016-2022

Table 56: Global Market Volume for CT Scanner, by Region, 2016-2022

Table 57: Global Population Aged 60 Years or Over and Aged 80 Years, 2015, 2030 and 2050

Table 58: Global Pricing of CT Scanners, by Type, 2016-2022

Table 59: Global Pricing of CT Scanners, by Region, 2016-2022

Table 60: Global Market for Stationary CT Scanners, by Region, Through 2022

Table 61: Global Market Volume for Stationary CT Scanners, by Region, 2016-2022

Table 62: Global Pricing of Stationary CT Scanners, by Region, 2016-2022

Table 63: Global Market for Mobile CT Scanners, by Region, Through 2022

Table 64: Global Market Volume for Mobile CT Scanner, by Region, 2016-2022

Table 65: Global Pricing of Portable CT Scanners, by Region, 2016-2022

Table 66: Estimated Number of People Living with Cancer in the U.K., by Country, 2010, 2015, 2020 and 2030

Table 67: Number of CT Scans Procedures Performed in the U.K., 2016

Table 68: Number of Road Accidents in India, 2008-2015

Table 69: Global Market for Ultrasound Equipment/Instruments, by Type, Through 2022

Table 70: Global Market for Ultrasound Equipment/Instruments, by Region, Through 2022

Table 71: Major Uses of Ultrasound

Table 72: Global Market Volume for Ultrasound Equipment/Instruments, by Type, 2016-2022

Table 73: Global Market Volume for Ultrasound Equipment/Instruments, by Region, 2016-2022

Table 74: Global Pricing of Ultrasound Equipment/Instruments, by Type, 2016-2022

Table 75: Global Pricing of Ultrasound Equipment/Instruments, by Region, 2016-2022

Table 76: Global Market for Cart/Trolley Ultrasound Equipment/Instruments, by Region, Through 2022

Table 77: Global Market for Compact/Portable Ultrasound Equipment/Instruments, by Region, Through 2022

Table 78: Global Market Volume for Cart/Trolley Ultrasound Equipment/Instruments, by Region, 2016-2022

Table 79: Global Market Volume for Compact/Portable Ultrasound Equipment/Instruments, by Region, 2016-2022

Table 80: Global Pricing of Cart/Trolley Ultrasound Equipment/Instruments, by Region, 2016-2022

Table 81: Global Market for Nuclear Imaging Equipment/Instruments, by Type, Through 2022

Table 82: Global Market for Nuclear Imaging Equipment/Instruments, by Region, Through 2022

Table 83: Global Market Volume for Nuclear Imaging Equipment/Instruments, by Type, 2016-2022

Table 84: Global Market Volume for Nuclear Imaging Equipment/Instruments, by Region, 2016-2022

Table 85: Global Deaths from Cancer, 2015 and 2030

Table 86: Global Deaths from CVD, 2015 and 2030

Table 87: Global Distribution of CVD Deaths, by Type, 2015

Table 88: Global Pricing of Nuclear Imaging Equipment/Instruments, by Type, 2016-2022

Table 89: Global Pricing of Nuclear Imaging Equipment/Instruments, by Region, 2016-2022

Table 90: Global Market for SPECT Scanners, by Type, Through 2022

Table 91: Global Market for SPECT Scanners, by Region, Through 2022

Table 92: Global Market Volume for SPECT Scanner, by Type, 2016-2022

Table 93: Global Market Volume for SPECT Scanner, by Region, 2016-2022

Table 94: Global Pricing of SPECT Scanners, by Type, 2016-2022

Table 95: Global Pricing of SPECT Scanners, by Region, 2016-2022

Table 96: Global Market for Hybrid PET Equipment/Instruments, by Region, Through 2022

Table 97: Global Market Volume for Hybrid PET Equipment/Instruments, by Region, 2016-2022

Table 98: Global Market for Hybrid PET Equipment/Instruments, by Region, 2016-2022

Table 99: Global Market for Planar Scintigraphy, by Region, Through 2022

Table 100: Global Market Volume for Planar Scintigraphy, by Region, 2016-2022

Table 101: Global Pricing of Planar Scintigraphy, by Region, 2016-2022

Table 102: Global Prevalence of Rheumatoid Arthritis, by Age Group and Sex, 2017

Table 103: Global Market for Medical Imaging Equipment/Instruments, by Technology, Through 2022

Table 104: Global Market for X-ray Equipment/Instruments, by Technology, Through 2022

Table 105: Global Market Volume for X-ray Equipment/Instruments, by Technology,

2016-2022

Table 106: Global Pricing of X-ray Equipment/Instruments, by Technology, 2016-2022

Table 107: Percentage Distribution of World Population Over 65 Years of Age, by Region, 2015 and 2050

Table 108: Global Market for X-ray Equipment/Instruments, by Region, Through 2022

Table 109: Global Market for Analog X-ray Equipment/Instruments, by Region, Through 2022

Table 110: Global Market Volume for Analog X-ray Equipment/Instruments, by Region, 2016-2022

Table 111: Global Pricing of Analog X-ray Equipment/Instruments, by Region, 2016-2022

Table 112: Global Market for Digital Radiography, by Region, Through 2022

Table 113: Global Market Volume for Digital Radiography, by Region, 2016-2022

Table 114: Global Pricing of Digital Radiography, by Region, 2016-2022

Table 115: Key Differences in Analog Digital and Computed Radiography

Table 116: Key Differences between Analog X-ray vs. Direct Digital X-ray

Table 117: Global Market for Computed Radiography, by Region, Through 2022

Table 118: Global Market Volume for Computed Radiography, by Region, 2016-2022

Table 119: Global Pricing of Computed Radiography, by Region, 2016-2022

Table 120: Global Market for MRI Equipment/Instruments, by Technology, Through 2022

Table 121: Global Market Volume for MRI Equipment/Instruments, by Technology, 2016-2022

Table 122: MRI Exams per 1,000 Population, by Country, 2015-2016

Table 123: Global Market for MRI Equipment/Instruments, by Region, Through 2022

Table 124: Global Pricing of MRI Equipment/Instruments, by Region, 2016-2022

Table 125: Global Number of Deaths Caused by Selected Chronic Diseases, 2015

Table 126: Rising Chronic Diseases in the United States, 2000-2030

Table 127: Global Pricing of MRI Equipment/Instruments, by Technology, 2016-2022

Table 128: Global Market Volume for MRI Equipment/Instruments, by Region, 2016-2022

Table 129: Global Market for Low-Field MRI Equipment/Instruments, by Region, Through 2022

Table 130: Global Market Volume for Low-Field MRI Equipment/Instruments, by Region, 2016-2022

Table 131: Global Pricing of Low-Field MRI Equipment/Instruments, by Region, 2016-2022

Table 132: Global Market for Medium-Field MRI Equipment/Instruments, by Region, Through 2022

Table 133: Global Market Volume for Medium-Field MRI Equipment/Instruments, by Region, 2016-2022

Table 134: Global Pricing of Medium-Field MRI Equipment/Instruments, by Region, 2016-2022

Table 135: Global Market for High-Field Strength MRI Equipment/Instruments, by Region, Through 2022

Table 136: Global Market Volume for High-Field Strength MRI Equipment/Instruments, by Region, 2016-2022

Table 137: Global Pricing of High-Field MRI Equipment/Instruments, by Region, 2016-2022

Table 138: Global Pricing of CT Scanners, by Technology, 2016-2022

Table 139: Global Market for CT Scanners, by Technology, Through 2022

Table 140: Global Market Volume for CT Scanner, by Technology, 2016-2022

Table 141: Global Market for CT Scanners, by Region, Through 2022

Table 142: Global Market Volume for CT Scanner, by Region, 2016-2022

Table 143: Global Pricing of CT Scanners, by Region, 2016-2022

Table 144: Global Pricing of Low-Slice CT Scanners, by Region, 2016-2022

Table 145: Global Market for Low-Slice CT Scanners, by Region, Through 2022

Table 146: Global Market Volume for Low-Slice CT Scanners, by Region, 2016-2022

Table 147: Global Market for Medium-Slice CT Scanners, by Region, Through 2022

Table 148: Global Market Volume for Medium-Slice CT Scanner, by Region, 2016-2022

Table 149: Global Pricing of Medium-Slice CT Scanners, by Region, 2016-2022

Table 150: Global Market for High-Slice CT Scanners, by Region, Through 2022

Table 151: Global Market Volume for High-Slice CT Scanner, by Region, 2016-2022

Table 152: Global Pricing of High-Slice CT Scanners, by Region, 2016-2022

Table 153: Global Market for Ultrasound Equipment/Instruments, by Technology, Through 2022

Table 154: Global Market for Ultrasound Equipment/Instruments, by Region, Through 2022

Table 155: Global Market Volume for Ultrasound Equipment/Instruments, by Technology, 2016-2022

Table 156: Global Pricing of Ultrasound Equipment/Instruments, by Region, 2016-2022

Table 157: Global Pricing of Ultrasound Equipment/Instruments, by Technology, 2016-2022

Table 158: Number of Persons Aged 60 Years or Over, by Region, 2017 and 2050

Table 159: Top 10 Countries with the Largest Share of Persons Aged 60 Years or Over, 2017

Table 160: Global Market for 2D Ultrasound Equipment/Instruments, by Region, Through 2022

Table 161: Global Market Volume for 2D Ultrasound Equipment/Instruments, by Region, 2016-2022

Table 162: Global Pricing of 2D Ultrasound Instruments, by Region, 2016-2022

Table 163: Global Market for 3D and 4D Ultrasound Equipment/Instruments, by Region, Through 2022

Table 164: Global Market Volume for 3D and 4D Ultrasound Equipment/Instruments, by Region, 2016-2022

Table 165: Global Pricing of 3D and 4D Ultrasound, by Region, 2016-2022

Table 166: Global Market for Doppler Ultrasound Equipment/Instruments, by Region, Through 2022

Table 167: Global Market Volume for Doppler Ultrasound Equipment/Instruments, by Region, 2016-2022

Table 168: Global Pricing of Doppler Ultrasound Equipment/Instruments, by Region, 2016-2022

Table 169: Development of HIFU Technology

Table 170: Global Market for HIFU Equipment/Instruments, by Region, Through 2022

Table 171: Global Market Volume for HIFU Equipment/Instruments, by Region, 2016-2022

Table 172: Global Pricing of HIFU Equipment/Instruments Market, by Region, 2016-2022

Table 173: Global Market for Lithotripsy Ultrasound Equipment/Instruments, by Region, Through 2022

Table 174: Global Lithotripsy Ultrasound Equipment/Instruments Market Volume, by Region, 2016-2022

Table 175: Global Pricing of Lithotripsy Ultrasound Equipment/Instruments, by Region, 2016-2022

Table 176: Global Market for Nuclear Imaging Equipment/Instruments, by Technology, Through 2022

Table 177: Global Market Volume for Nuclear Imaging Equipment/Instruments, by Technology, 2016-2022

Table 178: Global Pricing of Nuclear Imaging Equipment/Instruments, by Technology, 2016-2022

Table 179: Use of Nuclear Medicine Imaging Procedures for Visualizing the Function and Structure of a Bone, Organ, Tissue or System within the Body

Table 180: Global Market for Nuclear Imaging Equipment/Instruments, by Region, Through 2022

Table 181: Global Nuclear Imaging Equipment/Instruments Market Volume, by Region, 2016-2022

Table 182: Global Nuclear Imaging Equipment/Instruments Market Volume, by Region,

2016-2022

Table 183: Global Market for SPECT Scanners, by Region, Through 2022

Table 184: Global Market Volume for SPECT Scanner, by Region, 2016-2022

Table 185: Global Pricing of SPECT Scanners, by Region, 2016-2022

Table 186: Global Market for PET Scanners, by Region, Through 2022

Table 187: Effectiveness of PET in the Detection of Various Diseases

Table 188: Global Market Volume for PET Scanner, by Region, 2016-2022

Table 189: Global Pricing of PET Scanners, by Region, 2016-2022

Table 190: Global Market for Medical Imaging Equipment/Instruments, by Application, Through 2022

Table 191: The 10 Countries or Areas with the Most Aged Populations, 2015 and 2030

Table 192: Global Market for X-ray Imaging Equipment/Instruments, by Application, Through 2022

Table 193: Global Market for X-ray Imaging Equipment/Instruments, by Region, Through 2022

Table 194: Target Disease Statistics

Table 195: Global Population by Age Group, 2000 and 2050

Table 196: Global Market for General Radiography Applications, by Region, Through 2022

Table 197: Global Market for Radiography in Dental Applications, by Region, Through 2022

Table 198: Global Market for Radiography in Mammography Applications, by Region, Through 2022

Table 199: Global Market for MRI Equipment/Instruments Market, by Application Through 2022

Table 200: Global Incidence of Patients with Chronic Diseases, 2005-2030

Table 201: Global Market for MRI Applications, by Region, Through 2022

Table 202: Global Market for MRI in Brain and Neurological Applications, by Region, Through 2022

Table 203: Number of DALYs for Neurological Disorders and as Percentage of Global DALYs Projected for 2005, 2015 and 2030

Table 204: Individual Neurological Disorders as a Percentage of Total Neurological Disorders, by Type

Table 205: Global Market for MRI in Spine and Musculoskeletal Applications, by Region, Through 2022

Table 206: Global Market for MRI in Vascular Applications, by Region, Through 2022

Table 207: Global Market for MRI in Pelvic and Abdominal Applications, by Region, Through 2022

Table 208: Estimated U.S. Incidence and Deaths for Selected Cancers, 2010, 2013 and



2018

Table 209: Global Market for MRI in Breast Applications, by Region, Through 2022

Table 210: Countries with the Highest Incidence of Breast Cancer

Table 211: Global Market for MRI in Cardiac Applications, by Region, Through 2022

Table 212: Global Market for Ultrasound Equipment/Instruments, by Application, Through 2022

Table 213: Global Market for Ultrasound System Applications, by Region, Through 2022

Table 214: Global Market for Radiology/General Imaging Applications, by Region, Through 2022

Table 215: Key Companies Manufacturing Radiology Products

Table 216: Global Market for Ultrasound in OB/GYN Applications, by Region, Through 2022

Table 217: Key Companies Manufacturing Imaging Equipment/Instruments for Obstetrics/Gynecology

Table 218: Medical Imaging Devices Commonly Used for Different OB/GYN Conditions

Table 219: Medical Imaging Devices Used to Detect Benign Gynecological Diseases and Their Symptoms

Table 220: Global Market for Ultrasound in Cardiology Applications, by Region, Through 2022

Table 221: Companies Offering Advanced Ultrasound Equipment/Instruments

Table 222: Global Market for Ultrasound in Vascular Applications, by Region, Through 2022

Table 223: Global Market for Ultrasound in Urological Applications, by Region, Through 2022

Table 224: Companies Offering Urology Ultrasound Devices

Table 225: Sound of Speed Through Different Parts of the Eye

Table 226: Global Market for Ultrasound Equipment/Instruments in Other Applications, by Region, Through 2022

Table 227: Summary of Uses of Ocular Ultrasound and the Conditions That can Obscure Direct Visualization of the Posterior Eye

Table 228: Estimated Number of People in the U.S. Suffering from Primary Open-Angle Glaucoma, Classified by Sex and Ethnicity/Race, 2011-2050

Table 229: Global Market for CT Scanners, by Disease Application, Through 2022

Table 230: Global Market for CT Scanner Applications, by Region, Through 2022

Table 231: Global Market for CT Scanners in Cardiology Applications, by Region, Through 2022

Table 232: Global Market for CT Scanners in Oncology Applications, by Region, Through 2022

Table 233: Description and Rationale of CT Scanner for Cancer Surveillance

Table 234: Global Market for CT Scanners in Neurological Applications, by Region, Through 2022

Table 235: Global Market for CT Scanners in Other Applications, by Region, Through 2022

Table 236: Benefits and Drawbacks of Liver CT and Liver MRIs

Table 237: Global Market for Nuclear Imaging Equipment/Instruments, by Application, Through 2022

Table 238: Global Market for Nuclear Imaging Equipment/Instruments, by Region, Through 2022

Table 239: Global Market for Nuclear Imaging Equipment/Instruments in Cardiology Applications, by Region, Through 2022

Table 240: Benefits of PET/MRI Compared to PET/CT

Table 241: Global Market for Nuclear Imaging Equipment/Instruments in Oncology Applications, by Region, Through 2022

Table 242: Nuclear Imaging System Corresponding to the Specific Oncological Disorder

Table 243: Global Market for Nuclear Imaging Equipment/Instruments in Neurology Applications, by Region, Through 2022

Table 244: Neurological Disorders, Symptoms and Nuclear Imaging Devices Used for Detection

Table 245: Global Market for Nuclear Imaging Equipment/Instruments in Other Applications, by Region, Through 2022

Table 246: Share of Population Suffering from Cancer Globally, by Type, 2016

Table 247: Global Market for Medical Imaging Equipment/Instruments, by End User, Through 2022

Table 248: Major NCD Deaths per Year, 2017

Table 249: Traffic Accident Injuries, 2015

Table 250: Global Market for Medical Imaging Equipment/Instruments Used by Hospitals, by Region, Through 2022

Table 251: Uses of Nuclear Medicine Imaging Procedures

Table 252: Global Market for Medical Imaging Equipment/Instruments Used in Diagnostics Centers, by Region, Through 2022

Table 253: Global Market for Medical Imaging Equipment/Instruments in Research Centers, by Region, Through 2022

Table 254: Global Medical Imaging Equipment/Instruments, by Region, Through 2022

Table 255: Global Market Volume for Medical Imaging Equipment/Instruments, by Region, 2016-2022

Table 256: Global Pricing of Medical Imaging Equipment/Instruments, by Region, 2016-2022

Table 257: North American Market for Medical Imaging Equipment/Instruments, by

Country, Through 2022

Table 258: North American Market Volume for Medical Imaging Equipment/Instruments, by Country, 2016-2022

Table 259: Percentage Distribution of New Cancer Cases in the U.S. in Males, 2017

Table 260: Percentage Distribution of New Cancer Cases in the U.S. in Females, 2017

Table 261: North American Pricing of Medical Imaging Equipment/Instruments, by Country, 2016-2022

Table 262: Current Grants, by Cancer Type, 2017

Table 263: Funding by U.S. Federal Government for Treatment of Chronic Diseases

Table 264: 10 Most Common Chronic Conditions for Adults Age 65 or Above, by Type

Table 265: Number of Individuals Impacted, by Chronic Diseases, 2005-2030

Table 266: Road Fatalities, by Age Group, 2000-2015

Table 267: European Market for Medical Imaging Equipment/Instruments, by Country, Through 2022

Table 268: Total Number of MRI Scans in Europe, by Country, 2015

Table 269: Number of Reported Road Casualties in the United Kingdom, 2015-2016

Table 270: Deaths from CVD and Number of People Living with CVD in the United Kingdom

Table 271: European Market Volume for Medical Imaging Equipment/Instruments, by Country, 2016-2022

Table 272: Estimated Prevalence of Musculoskeletal Conditions in Blackpool, U.K., by Sex and Age

Table 273: European Pricing of Medical Imaging Equipment/Instruments, by Country, 2016-2022

Table 274: Healthcare Spending and Financing in France, 2005-2015

Table 275: Frequency of Cardiac Procedures in Germany, 2016

Table 276: Rising Geriatric Population in Germany, 2000, 2015 and 2030

Table 277: Healthcare Expenditures in Germany, 2016 and 2017

Table 278: Rising Number of Cancer Cases in Spain, 2012 and 2015

Table 279: Rising Number of Road Accidents in Italy, 2015-2016

Table 280: Number of Injury Accidents and Their Consequences by Road Category in Finland and Sweden, 2015

Table 281: Asia-Pacific Market for Medical Imaging Equipment/Instruments, by Country, Through 2022

Table 282: Current Grants Globally, by Cancer Type, 2017

Table 283: Global Cancer Incidence Rates, by Type, 2016

Table 284: Profile of Road Accident in India, 2005-2016

Table 285: Age Profile of Road Accident Victims in India, 2015

Table 286: Asia-Pacific Market Volume for Medical Imaging Equipment/Instruments, by

Country, 2016-2022

Table 287: Forecast Japanese Trends in Aging, 2010-2040

Table 288: Asia-Pacific Pricing of Medical Imaging Equipment/Instruments, by Country, 2016-2022

Table 289: Estimated 20 Most Commonly Diagnosed Cancers in Males, by Cancer Site, 2017

Table 290: Estimated 20 Most Commonly Diagnosed Cancers in Females, by Cancer Site, 2017

Table 291: Estimated 10 Most Common Causes of Death from Cancer in Males, by Cancer Type, 2017

Table 292: Estimated 10 Most Common Causes of Death from Cancer in Females, by Cancer Type, 2017

Table 293: Rest of the World Market for Imaging Equipment/Instruments, by Region, Through 2022

Table 294: New Cases of Cancer in Brazil, by Sex and Type, 2016

Table 295: Rest of the World Market Volume for Medical Imaging Equipment/Instruments, by Region, 2016-2022

Table 296: Projected Healthcare Spending in Argentina, 2014 and 2040

Table 297: Leading Causes of Death in Argentina and Percentage Change, 2005-2016

Table 298: Rest of the World Pricing of Imaging Equipment/Instruments, by Region, 2016-2022

Table 299: List of Various Types of Cancers that Department of Health-Abu Dhabi Recommends People to Undergo Screening Regularly

Table 300: Medical Imaging Instrument and their Raw Material/Parts

Table 301: Suppliers of Raw Materials/Parts

Table 302: Medical Imaging Equipment/Instruments Manufacturers and Products

Table 303: Global Medical Imaging Instrument Manufacturers Revenue, by Type, 2016-2022

Table 304: Product Launches by Major Players with Improved Image Quality and Advanced Technology

Table 305: Global Medical Imaging Instrument Distributors Revenue, by Product Type, 2016-2022

Table 306: Some of the Distributors in Medical Imaging Instrument Market

Table 307: Product Launches and FDA Approvals, June 2015 Through June 2018

Table 308: Partnerships and Collaborations, 2015 Through 2018

Table 309: Expansions, 2017 Through June 2018

Table 310: Mergers and Acquisitions

Table 311: Japanese Patents and Patent Applications on Medical Imaging Equipment/Instruments, 2015 Through May 2018

Table 312: European Patents and Patent Applications on Medical Imaging Equipment/Instruments, 2015 Through June 2018

Table 313: U.S. Medical Imaging Equipment/Instruments Patents, 2016 Through June 2018

Table 314: Adonis Medical Systems Pvt. Ltd.: Product Portfolio

Table 315: Agfa HealthCare: Product Portfolio

Table 316: Agfa HealthCare: Recent Development

Table 317: Allengers: Product Portfolio

Table 318: All Star X-ray Inc.: Product Portfolio

Table 319: Aurora Imaging Technology Inc.: Product Portfolio

Table 320: Boston Scientific: Product Portfolio

Table 321: Boston Scientific: Recent Development

Table 322: Bruker Corp.: Product Portfolio

Table 323: Bruker Corp.: Recent Development

Table 324: Canon Inc.: Product Portfolio

Table 325: Canon Inc.: Recent Development

Table 326: Carestream Health Inc.: Product Portfolio

Table 327: Carestream Health Inc.: Recent Development

Table 328: Chison Medical Technologies Co. Ltd.: Product Portfolio

Table 329: Cook Medical LLC: Product Portfolio

Table 330: Cook Medical LLC: Recent Development

Table 331: Elekta: Product Portfolio

Table 332: Elekta: Recent Development

Table 333: Esaote SpA: Product Portfolio

Table 334: Esaote SpA: Recent Development, 2015-2018

Table 335: Fonar Corp.: Product Portfolio

Table 336: Fujifilm Holdings Corp.: Product Portfolio

Table 337: Fujifilm Holdings Corp.: Recent Development

Table 338: GE Healthcare: Product Portfolio

Table 339: GE Healthcare: Recent Development

Table 340: Hitachi Medical Corp.: Product Portfolio

Table 341: Hitachi Medical Corp.: Recent Development

Table 342: iCRco Inc.: Product Portfolio

Table 343: iCRco Inc.: Recent Development

Table 344: Kalamed GmbH Medical Systems: Product Portfolio

Table 345: Konica Minolta Inc.: Product Portfolio

Table 346: Medtronic Plc: Product Portfolio

Table 347: Medtronic plc: Recent Development, 2015-2018

Table 348: Mindray: Product Portfolio

- Table 349: Mindray: Recent Development, 2015-2016
- Table 350: NeuroLogica Corp.: Product Portfolio
- Table 351: NeuroLogica Corp.: Recent Development
- Table 352: Neusoft Medical Systems: Product Portfolio
- Table 353: Neusoft Medical Systems: Recent Development
- Table 354: Philips Healthcare: Product Portfolio
- Table 355: Philips Healthcare: Recent Development
- Table 356: Promed Group Co. Ltd.: Product Portfolio
- Table 357: Samsung Medison Co. Ltd.: Product Portfolio
- Table 358: Samsung Medison Co. Ltd.: Recent Development
- Table 359: Shenzhen AnaSonic Bio-Medical Technology Co. Ltd.: Product Portfolio
- Table 360: Shimadzu Corp.: Product Portfolio
- Table 361: Shimadzu Corp.: Recent Development, 2016
- Table 362: Siemens Healthcare: Product Portfolio
- Table 363: Varex Imaging Corp.: Product Portfolio

## List Of Figures

### LIST OF FIGURES

Summary Figure: Global Market for Medical Imaging Equipment/Instruments, by Product Type, 2016-2022

Figure 1: Global Projections for Selected Top Three Chronic Diseases, 2005-2030

Figure 2: Global Geriatric Population Aged 65 Years and Above, 2014-2022

Figure 3: Percentage Distribution of Population Aged 65 Years and Above, by Region, 2016 vs. 2050

Figure 4: Cloud Computing in Medical Imaging

Figure 5: Main Causes of Mortality in Women and Men, by Type of Disease, 2017

Figure 6: Percentage Distribution of U.S. Deaths Due to Heart Disease, by Type, 2017

Figure 7: Percentage Distribution of Healthcare Spending in India, by Sector, 2005 vs. 2015

Figure 8: Global Deaths from Cancer, 2015 and 2030

Figure 9: Global Deaths from CVD, 2015 and 2030

Figure 10: Global Distribution of CVD Deaths, by Type, 2015

Figure 11: Global Prevalence of Rheumatoid Arthritis, 2017

Figure 12: Percentage Distribution of World Population Over 65 Years of Age, by Region, 2015 and 2050

Figure 13: MRI Exams per 1,000 Population, by Country, 2015-2016

Figure 14: Global Number of Deaths Caused by Selected Chronic Diseases, 2015

Figure 15: Rising Chronic Diseases Globally, 2000-2030

Figure 16: Distribution of Heart Disease Deaths in the U.S., by Type, 2017

Figure 17: Number of Persons Aged 60 Years or Over, by Region, 2017 and 2050

Figure 18: Top 10 Countries with the Largest Share of Persons Aged 60 Years or Over, 2017

Figure 19: Global Age-Wise Distribution of People with Alzheimer's Disease, 2016

Figure 20: Global Population by Age Group, 2000 and 2050

Figure 21: Global Incidence of Patients with Chronic Diseases, 2005-2030

Figure 22: Individual Neurological Disorders as a Percentage of Total Neurological Disorders, by Type, 2005, 2015 and 2030

Figure 23: Share of Population Suffering from Cancer Globally, by Type, 2016

Figure 24: Common Treatment Process

Figure 25: Major NCD Deaths per Year, 2017

Figure 26: Macro and Micro Factors Driving Demand for Medical Imaging Services at Diagnostic Centers

Figure 27: CT Scans Provided by Ambulatory Service Providers per 1,000 Population,

by Select Country, 2015

Figure 28: MRI Scans Provided by Ambulatory Service Providers per 1,000 Population, by Select Country, 2015

Figure 29: Highlights of a Value-Based Healthcare Model

Figure 30: Private Health Insurance Revenue, 2015-2025

Figure 31: Trends in Diagnostic Imaging Market

Figure 32: Macro and Micro Factors Driving Demand for Medical Imaging Services at Research Centers

Figure 33: Global Share of R&D Funding, by Region, 2018

Figure 34: Gross Expenditures on R&D, by Country, 2016-2018

Figure 35: Research Areas of Biomedical Imaging Equipment/Instruments

Figure 36: Various Biophotonics and Biomedical Imaging Equipment/Instruments Applications in Research

Figure 37: Surging Number of Individuals Impacted, by Chronic Diseases, 2005-2030

Figure 38: Healthcare Spending and Financing in France, 2005-2015

Figure 39: Rising Geriatric Population in Germany, 2000, 2015 and 2030

Figure 40: Healthcare Expenditures in Germany, 2016 and 2017

Figure 41: Rising Number of Cancer Cases in Spain, 2012 and 2015

Figure 42: Rising Number of Road Accidents in Italy, 2015-2016

Figure 43: Forecast Japanese Trends in Aging, 2010-2040

Figure 44: Projected Healthcare Spending in Argentina, 2014 and 2040

Figure 45: Structure of Medical Imaging Instrument Industry

Figure 46: Manufacturing Process of Medical Imaging Equipment/Instruments

Figure 47: Non-communicable Disease Deaths, 2015 vs. 2018



## I would like to order

Product name: Medical Imaging Instrumentation: Global Markets and Technologies Through 2022

Product link: <https://marketpublishers.com/r/M79B8729A2EEN.html>

Price: US\$ 1,375.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/M79B8729A2EEN.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**

Customer 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