

Global X-Ray Equipment Market: An Analysis

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The imaging market is the largest sub-segment of the global medical equipment market and within imaging; x-ray equipment is the highest selling product category. The X-ray equipment market continues to experience sustained demand, due to the increased usage of X-rays to diagnose internal injuries, cancer, developmental disorders, spinal trauma, dental condition and to detect breast cancers. With the advent of digital radiography, there has been a gradual replacement of film-based (analog) systems with digital radiography (DR) systems that can be attributed to certain technological advances such as high-resolution display monitors combined with high-performance computer workstations. Mostly flat panel detectors (FPDs) are used as a digital image capturing device. The two most common scintillators used in indirect FPDs are cesium iodide and gadolinium oxysulfide.

Medical X-Ray equipment market is driven by both the US and European markets having almost equal share. Emerging markets in Asia such as China and India are currently witnessing an increasing demand for high-end X-ray equipment boosted by the introduction of computed radiography (CR) and digital radiography (DR). The increasing prevalence of chronic diseases such as diabetes, cardiovascular diseases combined with an ageing population and other demographic pressures have increased the demand for X-ray equipment devices. Due to low entry barriers, there is a significant increase in the number of players thus making the market highly competitive. The major players in the X-ray equipment and film processors market include Allengers Medical System Limited, Varian Medical Systems, Carestream Health, GE Healthcare, Philips Healthcare and Siemens Ltd.

The report titled "Global X-Ray Equipment Market: An Analysis" focuses on the x-ray equipment market, a high-growth segment of the medical imaging industry. It analyzes the opportunities that this segment offers and also the challenges the market faces. Along with the US market, the report studies the Indian and Japanese markets, the two key Asian markets for the x-ray equipments. The study also forecasts the growth of this market and profiles the key players and their strategies.

Table of Content

1. INTRODUCTION: GLOBAL MEDICAL IMAGING MARKET

- 1.1 Medical Imaging Segments
- 1.2 Global Medical Imaging Market
- 1.3 Product Segmentation of Medical Imaging Equipment
- 1.4 Geographical Segmentation of Medical Imaging Equipment

2. GLOBAL X-RAY EQUIPMENT MARKET

- 2.1 Overview: X-Rays
 - 2.1.2 Key Properties of X-Rays
 - 2.1.3 Key Applications of X-Rays
- 2.2 Types of X-Ray Systems

- 2.2.1 Analog Radiography System (AR)
- 2.2.2 Computed Radiography System (CR)
- 2.2.3 Digital Radiography System (DR)
- 2.3 Digital Radiography
 - 2.3.1 Flat Panel Detectors (FPDs)
 - 2.3.2 High Density Line Scan Solid State detector
- 2.4 Market Size

3. PRINCIPAL MARKETS

- 3.1 The US X-Ray Market
- 3.2 Asian X-Ray Market
 - 3.2.1 Indian X-Ray Equipment Market
 - 3.2.2 Japanese X-Ray Equipment Market

4. MARKET DRIVERS

- 4.1 Advances in Digital Technologies
- 4.2 Ageing Population
- 4.3 Increased Prevalence of Chronic Diseases
- 4.4 High Growth in Middle Class
- 4.5 Rising Healthcare Expenditures

5. OPPORTUNITIES

- 5.1 Technological Advancements
- 5.2 Growth in APAC

6. CHALLENGES

- 6.1 Rising Number of Multinational Players
- 6.2 Cost and Affordability
- 6.3 Reduction in Reimbursement for Diagnostic Radiology

7. COMPANY PROFILES

- 7.1 GE Healthcare
 - 7.1.1 Business Description
 - 7.1.2 Business Strategies
- 7.2 Varian Medical Systems
 - 7.2.1 Business Description
 - 7.2.2 Business Strategies
- 7.3 Siemens AG
 - 7.3.1 Business Description
 - 7.3.2 Business Strategies

8. MARKET OUTLOOK

- 8.1 Forecast Methodology
 - 8.1.1 Dependent and Independent Variables
 - 8.1.2 Correlation Analysis
 - 8.1.3 Regression Analysis

LIST OF GRAPHS:

Global Medical Imaging Market (2002-2009)
Medical Imaging Markets by Modality, 2009
Medical Imaging Markets by Region (2009)
Principle of Digital Flat Panel Detector
Revenue of Global Medical X-Ray Systems Market (2003-2009)
Geographical Segmentation of X-ray equipment market (2008)
Category wise segmentation of X-ray equipment market (2008)
The US Medical Imaging Market (2000-2009)
The US Medical Imaging Market by Modality, 2008
US Medical X-Ray Equipment Market (2003-2008)
The U.S FPD Market by volume (FY07-FY14)
U.S FPD Market by application (in volume terms): FY09
Indian Equipment market segmentation (in volume terms): 2009
Indian X-Ray Equipment Market (in value terms) 2009
Japan Medical Imaging Domestic Market Value, 2001-2009
Japanese Diagnostic X-Ray Equipment Market (2005-2009)
Japanese medical imaging equipment market Share (2009)
Ageing Population Worldwide (age>65) 2005-2015F
US projected rise in chronic disease (2003-2023)
Worldwide Deaths due to Chronic Diseases (2008)
World Gross National Income Per Capita (US\$) by Category, 2003-2009
Total Healthcare Expenditure Per Capita in Selected Developed Countries (2008)
Real Annual Growth in per Capita Health Spending 2000-2008 in %
Asia Pacific Medical Imaging Market Outlook (2009-2012)
GE Healthcare Segment Revenues and Income (2005-2009)
Annual Sales of Varian Medical Systems for X-Ray Segment (FY06-FY10)
Siemens Health Sector Revenues and Income (2005-2009)
Global Medical X-Ray Equipment Market (2009-2014F)

LIST OF TABLES:

List of Global Key Industry Participants and Offerings, 2009
Advantages of Digital Radiography over Conventional Radiography
Regression Coefficients Output
Model Summary – Coefficient of Determination

CORRELATION TABLE

Dependent & Independent Variables (2002– 2009)

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