+357 96 030922
info@marketpublishers.com

Artificial Intelligence In Cancer Diagnostics Market By Component (Software, Services, Hardware) , By Type (Breast cancer, Lung cancer, Prostate cancer, Others) By End user (Hospitals, Diagnostic centers, Others) : Global Opportunity Analysis and Industry Forecast, 2024-2033

https://marketpublishers.com/r/A530C33228FBEN.html
Date: July 2024
Pages: 280
Price: US$ 2,655.00 (Single User License)
ID: A530C33228FBEN

Abstracts

The artificial intelligence in cancer diagnostics market was valued at $0.2 billion in 2023, and is projected t%li%reach $1.7 billion by 2033, growing at a CAGR of 23.6% from 2024 t%li%2033.

Artificial intelligence is transforming cancer diagnostics by helping healthcare professionals t%li%detect, analyze, and treat various types of cancer. By leveraging advanced algorithms and machine learning techniques, artificial intelligence enhances the accuracy, speed, and efficiency of diagnostic processes, offering significant benefits t%li%both patients and medical practitioners. Artificial intelligence holds the potential t%li%improve patient outcomes and advance the fight against cancer by enhancing the capabilities of medical professionals and streamlining diagnostic processes.

The growth of the global artificial intelligence in cancer diagnostics market is majorly driven by alarming increase in prevalence of various types of cancer worldwide, which necessitates advanced diagnostic tools t%li%manage and treat the growing number of cases. According t%li%the estimates of the World Health Organization, 20 million cancer cases and 9.7 million deaths were reported in 2022. Moreover, rise in need for early cancer detection and development of personalized treatment plans fosters the need for artificial intelligence t%li%improve patient outcomes. In addition, multiple benefits associated with artificial intelligence in cancer diagnostics significantly

+357 96 030922
info@marketpublishers.com

contributes toward the market growth. For instance, artificial intelligence helps t%li%alleviate the burden on healthcare systems by supporting radiologists and pathologists as well as artificial intelligence-driven diagnostics can reduce healthcare costs by streamlining processes and minimizing errors. Furthermore, growing awareness and acceptance of artificial intelligence in healthcare among the public and professionals is considerably propelling the market growth. However, high initial investment required for implementation of artificial intelligence, including technology acquisition, training, and maintenance acts as a key deterrent factor of the global market. Integrating artificial intelligence systems with existing healthcare infrastructure and electronic health records is complex and incurs additional cost, thereby restraining the growth of the market. Moreover, dearth of professionals with expertise in both artificial intelligence and healthcare limits the adoption and development of artificial intelligence solutions. On the contrary, incorporating artificial intelligence with telemedicine platforms t%li%provide remote diagnostic services is expected t%li%offer remunerative opportunities for the expansion of the global market during the forecast period. According t%li%the National Cancer Institute, approximately 25,500 telehealth visits were conducted during the pandemic, among which over 11,600 were adult cancer patients wh%li%received virtual consultations from clinicians at the Moffitt Cancer Center, a National Cancer Institute-designated Comprehensive Cancer Center located in Florida. Thus, artificial intelligence in telehealth services will enable continuous monitoring of patients with chronic conditions. Furthermore, using artificial intelligence t%li%analyze blood samples offers a non-invasive diagnostic option, which is anticipated t%li%open new avenues for the growth of the market.

The global artificial intelligence in cancer diagnostics market is segmented int%li%component, type, end user, and region. By component, the market is categorized int%li%software, services, and hardware. On the basis of type, it is classified int%li%breast cancer, lung cancer, prostate cancer, and others. Depending on end user, it is fragmented int%li%hospitals, diagnostic centers, and others. Region wise, the market is analyzed across North America, Europe, Asia-Pacific, and LAMEA.

Key Findings

By component, the software segment dominated the artificial intelligence in cancer diagnostics market in 2023.

On the basis of type, the breast cancer segment is expected t%li%lead the market by 2033.

+357 96 030922
info@marketpublishers.com

Depending on end user, the hospital segment exhibited the highest growth in 2023.

Region wise, North America was the major revenue generator in 2023, and is likely t%li%dominate the market during the forecast period.

Competition Analysis

Competitive analysis and profiles of the major players in the global artificial intelligence in cancer diagnostics market include Siemens Healthineers AG, Nanox Imaging LTD, Riverain Technologies, Vuno, Inc., Aidoc, Neural Analytics, Imagen Technologies, Digital Diagnostics, GE Healthcare, and AliveCor Inc. These major players have adopted various key development strategies such as business expansion, new product launches, and partnerships t%li%strengthen their foothold in the competitive market.

Additional benefits you will get with this purchase are:

Quarterly Update and* (only available with a corporate license, on listed price)

5 additional Company Profile of client Choice pre- or Post-purchase, as a free update.

Free Upcoming Version on the Purchase of Five and Enterprise User License.

16 analyst hours of support* (post-purchase, if you find additional data requirements upon review of the report, you may receive support amounting t%li%16 analyst hours t%li%solve questions, and post-sale queries)

15% Free Customization* (in case the scope or segment of the report does not match your requirements, 15% is equivalent t%li%3 working days of free work, applicable once)

Free data Pack on the Five and Enterprise User License. (Excel version of the report)

Free Updated report if the report is 6-12 months old or older.

24-hour priority response*

+357 96 030922
info@marketpublishers.com

Free Industry updates and white papers.

Possible Customization with this report (with additional cost and timeline, please talk t%li%the sales executive t%li%know more)

Regulatory Guidelines

Additional company profiles with specific t%li%client's interest

Additional country or region analysis- market size and forecast

Expanded list for Company Profiles

Historic market data

SWOT Analysis

Key Market Segments

By Component

Software

Services

Hardware

By Type

Breast cancer

Lung cancer

Prostate cancer

Others

+357 96 030922
info@marketpublishers.com

By End User

- Hospitals
- Diagnostic centers
- Others

By Region

- North America
- U.S.
- Canada
- Mexico
- Europe
- France
- Germany
- Italy
- Spain
- UK
- Rest of Europe
- Asia-Pacific
- China

+357 96 030922
info@marketpublishers.com

Japan

India

South Korea

Australia

Rest of Asia-Pacific

LAMEA

Brazil

South Africa

Saudi Arabia

Rest of LAMEA

Key Market Players

Siemens Healthineers AG

Nanox Imaging LTD

Riverain Technologies

Vuno, Inc.

Aidoc

Neural Analytics

Imagen Technologies

Digital Diagnostics

GE Healthcare

+357 96 030922
info@marketpublishers.com

AliveCor Inc.

+357 96 030922
info@marketpublishers.com

Contents

CHAPTER 1: INTRODUCTION

1.1. Report Description
1.2. Key Market Segments
1.3. Key Benefits
1.4. Research Methodology
  1.4.1. Primary Research
  1.4.2. Secondary Research
  1.4.3. Analyst Tools and Models

CHAPTER 2: EXECUTIVE SUMMARY

2.1. CXO Perspective

CHAPTER 3: MARKET LANDSCAPE

3.1. Market Definition and Scope
3.2. Key Findings
  3.2.1. Top Investment Pockets
  3.2.2. Top Winning Strategies
3.3. Porter's Five Forces Analysis
  3.3.1. Bargaining Power of Suppliers
  3.3.2. Threat of New Entrants
  3.3.3. Threat of Substitutes
  3.3.4. Competitive Rivalry
  3.3.5. Bargaining Power among Buyers
3.4. Market Dynamics
  3.4.1. Drivers
  3.4.2. Restraints
  3.4.3. Opportunities

CHAPTER 4: ARTIFICIAL INTERNAL ORGANS MARKET, BY TYPE

4.1. Market Overview
  4.1.1 Market Size and Forecast, By Type
4.2. Artificial Heart
  4.2.1. Key Market Trends, Growth Factors and Opportunities

+357 96 030922
info@marketpublishers.com

4.2.2. Market Size and Forecast, By Region
4.2.3. Market Share Analysis, By Country
4.3. Artificial Kidney
4.3.1. Key Market Trends, Growth Factors and Opportunities
4.3.2. Market Size and Forecast, By Region
4.3.3. Market Share Analysis, By Country
4.4. Artificial Lungs
4.4.1. Key Market Trends, Growth Factors and Opportunities
4.4.2. Market Size and Forecast, By Region
4.4.3. Market Share Analysis, By Country
4.5. Others
4.5.1. Key Market Trends, Growth Factors and Opportunities
4.5.2. Market Size and Forecast, By Region
4.5.3. Market Share Analysis, By Country

CHAPTER 5: ARTIFICIAL INTERNAL ORGANS MARKET, BY END USER

5.1. Market Overview
5.1.1 Market Size and Forecast, By End User
5.2. Hospitals
5.2.1. Key Market Trends, Growth Factors and Opportunities
5.2.2. Market Size and Forecast, By Region
5.2.3. Market Share Analysis, By Country
5.3. Ambulatory Surgical Centers
5.3.1. Key Market Trends, Growth Factors and Opportunities
5.3.2. Market Size and Forecast, By Region
5.3.3. Market Share Analysis, By Country
5.4. Others
5.4.1. Key Market Trends, Growth Factors and Opportunities
5.4.2. Market Size and Forecast, By Region
5.4.3. Market Share Analysis, By Country

CHAPTER 6: ARTIFICIAL INTERNAL ORGANS MARKET, BY REGION

6.1. Market Overview
6.1.1 Market Size and Forecast, By Region
6.2. North America
6.2.1. Key Market Trends and Opportunities
6.2.2. Market Size and Forecast, By Type

+357 96 030922
info@marketpublishers.com

6.2.3. Market Size and Forecast, By End User
6.2.4. Market Size and Forecast, By Country
6.2.5. U.S. Artificial Internal Organs Market
6.2.5.1. Market Size and Forecast, By Type
6.2.5.2. Market Size and Forecast, By End User
6.2.6. Canada Artificial Internal Organs Market
6.2.6.1. Market Size and Forecast, By Type
6.2.6.2. Market Size and Forecast, By End User
6.2.7. Mexico Artificial Internal Organs Market
6.2.7.1. Market Size and Forecast, By Type
6.2.7.2. Market Size and Forecast, By End User
6.3. Europe
6.3.1. Key Market Trends and Opportunities
6.3.2. Market Size and Forecast, By Type
6.3.3. Market Size and Forecast, By End User
6.3.4. Market Size and Forecast, By Country
6.3.5. France Artificial Internal Organs Market
6.3.5.1. Market Size and Forecast, By Type
6.3.5.2. Market Size and Forecast, By End User
6.3.6. Germany Artificial Internal Organs Market
6.3.6.1. Market Size and Forecast, By Type
6.3.6.2. Market Size and Forecast, By End User
6.3.7. Italy Artificial Internal Organs Market
6.3.7.1. Market Size and Forecast, By Type
6.3.7.2. Market Size and Forecast, By End User
6.3.8. Spain Artificial Internal Organs Market
6.3.8.1. Market Size and Forecast, By Type
6.3.8.2. Market Size and Forecast, By End User
6.3.9. UK Artificial Internal Organs Market
6.3.9.1. Market Size and Forecast, By Type
6.3.9.2. Market Size and Forecast, By End User
6.3.10. Rest of Europe Artificial Internal Organs Market
6.3.10.1. Market Size and Forecast, By Type
6.3.10.2. Market Size and Forecast, By End User
6.4. Asia-Pacific
6.4.1. Key Market Trends and Opportunities
6.4.2. Market Size and Forecast, By Type
6.4.3. Market Size and Forecast, By End User
6.4.4. Market Size and Forecast, By Country

+357 96 030922
info@marketpublishers.com

6.4.5. China Artificial Internal Organs Market
6.4.5.1. Market Size and Forecast, By Type
6.4.5.2. Market Size and Forecast, By End User
6.4.6. Japan Artificial Internal Organs Market
6.4.6.1. Market Size and Forecast, By Type
6.4.6.2. Market Size and Forecast, By End User
6.4.7. India Artificial Internal Organs Market
6.4.7.1. Market Size and Forecast, By Type
6.4.7.2. Market Size and Forecast, By End User
6.4.8. South Korea Artificial Internal Organs Market
6.4.8.1. Market Size and Forecast, By Type
6.4.8.2. Market Size and Forecast, By End User
6.4.9. Australia Artificial Internal Organs Market
6.4.9.1. Market Size and Forecast, By Type
6.4.9.2. Market Size and Forecast, By End User
6.4.10. Rest of Asia-Pacific Artificial Internal Organs Market
6.4.10.1. Market Size and Forecast, By Type
6.4.10.2. Market Size and Forecast, By End User
6.5. LAMEA
6.5.1. Key Market Trends and Opportunities
6.5.2. Market Size and Forecast, By Type
6.5.3. Market Size and Forecast, By End User
6.5.4. Market Size and Forecast, By Country
6.5.5. Brazil Artificial Internal Organs Market
6.5.5.1. Market Size and Forecast, By Type
6.5.5.2. Market Size and Forecast, By End User
6.5.6. South Africa Artificial Internal Organs Market
6.5.6.1. Market Size and Forecast, By Type
6.5.6.2. Market Size and Forecast, By End User
6.5.7. Saudi Arabia Artificial Internal Organs Market
6.5.7.1. Market Size and Forecast, By Type
6.5.7.2. Market Size and Forecast, By End User
6.5.8. Rest of LAMEA Artificial Internal Organs Market
6.5.8.1. Market Size and Forecast, By Type
6.5.8.2. Market Size and Forecast, By End User

CHAPTER 7: COMPETITIVE LANDSCAPE

7.1. Introduction

+357 96 030922
info@marketpublishers.com

7.2. Top Winning Strategies
7.3. Product Mapping of Top 10 Player
7.4. Competitive Dashboard
7.5. Competitive Heatmap
7.6. Top Player Positioning, 2023

CHAPTER 8: COMPANY PROFILES

8.1. SynCardia Systems LLC
  8.1.1. Company Overview
  8.1.2. Key Executives
  8.1.3. Company Snapshot
  8.1.4. Operating Business Segments
  8.1.5. Product Portfolio
  8.1.6. Business Performance
  8.1.7. Key Strategic Moves and Developments
8.2. Abbott Laboratories
  8.2.1. Company Overview
  8.2.2. Key Executives
  8.2.3. Company Snapshot
  8.2.4. Operating Business Segments
  8.2.5. Product Portfolio
  8.2.6. Business Performance
  8.2.7. Key Strategic Moves and Developments
8.3. Cochlear Limited
  8.3.1. Company Overview
  8.3.2. Key Executives
  8.3.3. Company Snapshot
  8.3.4. Operating Business Segments
  8.3.5. Product Portfolio
  8.3.6. Business Performance
  8.3.7. Key Strategic Moves and Developments
8.4. Boston Scientific Corporation
  8.4.1. Company Overview
  8.4.2. Key Executives
  8.4.3. Company Snapshot
  8.4.4. Operating Business Segments
  8.4.5. Product Portfolio
  8.4.6. Business Performance

+357 96 030922
info@marketpublishers.com

8.4.7. Key Strategic Moves and Developments
8.5. Johnson And Johnson
8.5.1. Company Overview
8.5.2. Key Executives
8.5.3. Company Snapshot
8.5.4. Operating Business Segments
8.5.5. Product Portfolio
8.5.6. Business Performance
8.5.7. Key Strategic Moves and Developments
8.6. Edwards Lifesciences Corporation
8.6.1. Company Overview
8.6.2. Key Executives
8.6.3. Company Snapshot
8.6.4. Operating Business Segments
8.6.5. Product Portfolio
8.6.6. Business Performance
8.6.7. Key Strategic Moves and Developments
8.7. Zimmer Biomet Holding Inc.
8.7.1. Company Overview
8.7.2. Key Executives
8.7.3. Company Snapshot
8.7.4. Operating Business Segments
8.7.5. Product Portfolio
8.7.6. Business Performance
8.7.7. Key Strategic Moves and Developments
8.8. Berlin Heart GmbH
8.8.1. Company Overview
8.8.2. Key Executives
8.8.3. Company Snapshot
8.8.4. Operating Business Segments
8.8.5. Product Portfolio
8.8.6. Business Performance
8.8.7. Key Strategic Moves and Developments
8.9. Jarvik Heart, Inc.
8.9.1. Company Overview
8.9.2. Key Executives
8.9.3. Company Snapshot
8.9.4. Operating Business Segments
8.9.5. Product Portfolio

+357 96 030922
info@marketpublishers.com

8.9.6. Business Performance
8.9.7. Key Strategic Moves and Developments
8.10. Medtronic Plc.
8.10.1. Company Overview
8.10.2. Key Executives
8.10.3. Company Snapshot
8.10.4. Operating Business Segments
8.10.5. Product Portfolio
8.10.6. Business Performance
8.10.7. Key Strategic Moves and Developments

+357 96 030922
info@marketpublishers.com

I would like to order

Product name: Artificial Intelligence In Cancer Diagnostics Market By Component (Software, Services, Hardware) , By Type (Breast cancer, Lung cancer, Prostate cancer, Others) By End user (Hospitals, Diagnostic centers, Others) : Global Opportunity Analysis and Industry Forecast, 2024-2033

Product link: https://marketpublishers.com/r/A530C33228FBEN.html

Price: US$ 2,655.00 (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/A530C33228FBEN.html