

South & Central America Diagnostic Imaging Market Forecast to 2028 - COVID-19 Impact and Regional Analysis - by Modality [X-ray, Computed Tomography, Endoscopy, Ultrasound, Magnetic Resonance Imaging (MRI), Nuclear Imaging, Mammography, and Other], Application (Cardiology, Oncology, Neurology, Orthopedics, Gastroenterology, Obstetrics/Gynecology, and Others), and End User (Hospital & Clinics, Diagnostic Imaging Centers, Ambulatory Surgical Centers, and Others)

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- Single User Price \$3000.00
- Site Price \$4000.00
- Enterprise Price \$5000.00

Report description:

The diagnostic imaging market in South & Central America is expected to grow from US\$ 1,909.68 million in 2021 to US\$2,495.07 million by 2028; it is estimated to grow at a CAGR of 4.6% from 2021 to 2028.

According to a report by the World Health Organization (WHO), diagnostic imaging has developed rapidly and plays a central role in healthcare by supporting the diagnosis and treatment of diseases. Diagnostic imaging services include confirming, assessing, and documenting the course of many conditions for ultimately drawing the response to treatment. The WHO collaborates with partners and manufacturers to develop a technical solution for improving diagnostic imaging services for patients' safety. In March 2018, GE Healthcare announced launching a new diagnostic imaging product supported by AI technology and involved in quickly capturing data and reconstructing images as the product was fast approved by the FDA. The newly launched product is efficient for fast connectivity and advanced algorithm, ensuring 48 times more data throughput and ten times the processing power of the previous system. On the other hand, through the support of technological advancements, diagnostic imaging has

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played a crucial role in cancer diagnosis. For example, diagnostic imaging takes pictures of the inside of the body and has a pivotal role in diagnosing and managing cancer patients. The first method is the utilization of CT and MRI, which offers detailed information on the location, size, morphology, and structural changes of the surrounding tissues of the tumor. The second method is the utility of PET and SPECT, which offers insights related to tumor physiology with anatomical details. Combining these two methods enables the integration of anatomy and function in a single approach, and applying such "hybrid" imaging techniques allows the characterization of tumors at all stages. Additionally, the integration of various diagnostic imaging techniques, such as X-ray spectrometry-related techniques and methodologies intended for different interdisciplinary uses, can be done more efficiently. With the advent of such advanced technologies, the diagnostic imaging market is growing exponentially.

With new features and technologies, vendors can attract new customers and expand their footprints in emerging markets. This factor is likely to drive the South & Central America diagnostic imaging market at a substantial CAGR during the forecast period.

South & Central America Diagnostic Imaging Market Revenue and Forecast to 2028 (US\$ Million)

South & Central America Diagnostic Imaging Market Segmentation

The South & Central America diagnostic imaging market is segmented based on modality, application, end user, and country. Based on modality, the market is segmented into X-ray, computed tomography, endoscopy, ultrasound, magnetic resonance imaging (MRI), nuclear imaging, mammography, and others. In 2021, the computed tomography segment held the largest share of the market. It is also expected to register the highest CAGR during the forecast period. Based on application, the South & Central America diagnostic imaging market is segmented into cardiology, oncology, neurology, orthopedics, gastroenterology, obstetrics/gynecology, and others. The cardiology segment held the largest market share in 2021, and the oncology segment is expected to register the highest CAGR during the forecast period. Based on end user, the market is segmented into hospitals and clinics, diagnostic imaging centers, ambulatory surgical centers (ASCs), and others. In 2021, the hospitals and clinics segment held the largest market share. However, the diagnostic imaging centers segment is expected to register the highest CAGR during the forecast period. Based on country, the South & Central America diagnostic imaging market is segmented into Brazil, Argentina, and the Rest of South & Central America. In 2021, Brazil held the largest market share. It is also expected to register the highest CAGR during the forecast period.

General Electric Company; Siemens Healthineers; Koninklijke Philips N.V.; KARL STORZ SE & Co. KG; FUJIFILM Holdings Corporation; Canon Inc.; Hologic, Inc.; Carestream Health Inc.; Stryker Corporation; and Olympus Corporation are among the leading companies in the South & Central America diagnostic imaging market.

Table of Contents:

TABLE OF CONTENTS

- 1. Introduction
 - 1.1 Scope of the Study
 - 1.2 The Insight Partners Research Report Guidance
 - 1.3 Market Segmentation
 - 1.3.1 South & Central America Diagnostic Imaging Market - By Modality
 - 1.3.2 South & Central America Diagnostic Imaging Market - By Application
 - 1.3.3 South & Central America Diagnostic Imaging Market - By End User
 - 1.3.4 South & Central America Diagnostic Imaging Market - By Country
- 2. Key Takeaways
- 3. Research Methodology
 - 3.1 Coverage

- 3.2 Secondary Research
- 3.3 Primary Research
- 4. South & Central America Diagnostic Imaging Market Landscape
 - 4.1 Overview
 - 4.2 PEST Analysis
 - 4.3 Experts Opinion
- 5. South & Central America Diagnostic Imaging Market - Key Market Dynamics
 - 5.1 Market Drivers
 - 5.1.1 Boosting Prevalence of Chronic Diseases
 - 5.1.2 Advancing Technological Advancements in Diagnostics Imaging Equipment
 - 5.2 Market Restraints
 - 5.2.1 Shortage of Skilled Healthcare Professionals and High Costs Related to Diagnostic Imaging Equipment
 - 5.3 Market Opportunities
 - 5.3.1 Rise in Government Initiatives for Diagnostic Imaging Services Reach and Sanctioning Funds and Grants
 - 5.4 Future Trends
 - 5.4.1 Heighten Use of Artificial Intelligence (AI) and Analytics in Diagnostic Imaging Equipment
 - 5.5 Impact Analysis
- 6. South & Central America Diagnostic Imaging Market Analysis
 - 6.1 South & Central America Diagnostic Imaging Market Revenue Forecasts and Analysis
- 7. South & Central America Diagnostic Imaging Market Revenue and Forecasts to 2028- by Modality
 - 7.1 Overview
 - 7.2 South & Central America Diagnostic Imaging Market, By Modality, 2022 & 2028 (%)
 - 7.3 Endoscopy
 - 7.3.1 Overview
 - 7.3.2 Endoscopy: Diagnostic Imaging Market Revenue and Forecasts to 2028 (US\$ Million)
 - 7.4 X-ray
 - 7.4.1 Overview
 - 7.4.2 X-ray: Diagnostic Imaging Market Revenue and Forecasts to 2028 (US\$ Million)
 - 7.5 Ultrasound
 - 7.5.1 Overview
 - 7.5.2 Ultrasound: Diagnostic Imaging Market Revenue and Forecasts to 2028 (US\$ Million)
 - 7.6 Magnetic resonance imaging (MRI)
 - 7.6.1 Overview
 - 7.6.2 MRI: Diagnostic Imaging Market Revenue and Forecasts to 2028 (US\$ Million)
 - 7.7 CT
 - 7.7.1 Overview
 - 7.7.2 CT: Diagnostic Imaging Market Revenue and Forecasts to 2028 (US\$ Million)
 - 7.8 Nuclear Imaging
 - 7.8.1 Overview
 - 7.8.2 Nuclear Imaging: Diagnostic Imaging Market Revenue and Forecasts to 2028 (US\$ Million)
 - 7.9 Mammography
 - 7.9.1 Overview
 - 7.9.2 Mammography: Diagnostic Imaging Market Revenue and Forecasts to 2028 (US\$ Million)
 - 7.10 Others
 - 7.10.1 Overview
 - 7.10.2 Others: Diagnostic Imaging Market Revenue and Forecasts to 2028 (US\$ Million)
- 8. South & Central America Diagnostic Imaging Market Revenue and Forecasts to 2028 - By Application

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- 8.1 Overview
- 8.2 South & Central America Diagnostic Imaging Market Share by Application - 2022 & 2028 (%)
- 8.3 Cardiology
 - 8.3.1 Overview
 - 8.3.2 Cardiology: Diagnostic Imaging Market Revenue and Forecast to 2028 (US\$ Million)
- 8.4 Oncology
 - 8.4.1 Overview
 - 8.4.2 Oncology: Diagnostic Imaging Market Revenue and Forecast to 2028 (US\$ Million)
- 8.5 Neurology
 - 8.5.1 Overview
 - 8.5.2 Neurology: Diagnostic Imaging Market Revenue and Forecast to 2028 (US\$ Million)
- 8.6 Orthopedics
 - 8.6.1 Overview
 - 8.6.2 Orthopedics: Diagnostic Imaging Market Revenue and Forecast to 2028 (US\$ Million)
- 8.7 Gastroenterology
 - 8.7.1 Overview
 - 8.7.2 Gastroenterology: Diagnostic Imaging Market Revenue and Forecast to 2028 (US\$ Million)
- 8.8 Obstetrics/Gynecology
 - 8.8.1 Overview
 - 8.8.2 Obstetrics/Gynecology: Diagnostic Imaging Market Revenue and Forecast to 2028 (US\$ Million)
- 8.9 Others
 - 8.9.1 Overview
 - 8.9.2 Others: Diagnostic Imaging Market Revenue and Forecast to 2028 (US\$ Million)
- 9. South & Central America Diagnostic Imaging Market Revenue and Forecasts to 2028 - End User
 - 9.1 Overview
 - 9.2 South & Central America Diagnostic Imaging Market Share by End User - 2022 & 2028 (%)
 - 9.3 Hospitals and Clinics
 - 9.3.1 Overview
 - 9.3.2 Hospitals and Clinics: Diagnostic Imaging Market Revenue and Forecast to 2028 (US\$ Million)
 - 9.4 Ambulatory Surgical Centers
 - 9.4.1 Overview
 - 9.4.2 Ambulatory Surgical Centers: Diagnostic Imaging Market Revenue and Forecast to 2028 (US\$ Million)
 - 9.5 Diagnostics Imaging Centers
 - 9.5.1 Overview
 - 9.5.2 Diagnostics Imaging Centers: Diagnostic Imaging Market Revenue and Forecast to 2028 (US\$ Million)
 - 9.6 Others
 - 9.6.1 Overview
 - 9.6.2 Others: Diagnostic Imaging Market Revenue and Forecast to 2028 (US\$ Million)
- 10. South & Central America Diagnostic Imaging Market Revenue and Forecasts to 2028 - Country Analysis
 - 10.1 South & Central America Diagnostic Imaging Market
 - 10.1.1 South & Central America: Diagnostic Imaging Market, by Country, 2022 & 2028 (%)
 - 10.1.1.1 Brazil: Diagnostic Imaging Market - Revenue and Forecast to 2028 (USD Million)
 - 10.1.1.1.1 Brazil: Diagnostic Imaging Market - Revenue and Forecast to 2028 (USD Million)
 - 10.1.1.1.2 Brazil: Diagnostic Imaging Market, by Modality, 2019-2028 (USD Million)
 - 10.1.1.1.3 Brazil: Diagnostic Imaging Market, by Application, 2019-2028 (USD Million)
 - 10.1.1.1.4 Brazil: Diagnostic Imaging Market, by End User, 2019-2028 (USD Million)
 - 10.1.1.2 Argentina: Diagnostic Imaging Market - Revenue and Forecast to 2028 (USD Million)

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- 10.1.1.2.1 Argentina: Diagnostic Imaging Market - Revenue and Forecast to 2028 (USD Million)
- 10.1.1.2.2 Argentina: Diagnostic Imaging Market, by Modality, 2019-2028 (USD Million)
- 10.1.1.2.3 Argentina: Diagnostic Imaging Market, by Application, 2019-2028 (USD Million)
- 10.1.1.2.4 Argentina: Diagnostic Imaging Market, by End User, 2019-2028 (USD Million)
- 10.1.1.3 Rest of South & Central America: Diagnostic Imaging Market - Revenue and Forecast to 2028 (USD Million)
- 10.1.1.3.1 Rest of South & Central America: Diagnostic Imaging Market - Revenue and Forecast to 2028 (USD Million)
- 10.1.1.3.2 Rest of South & Central America: Diagnostic Imaging Market, by Modality, 2019-2028 (USD Million)
- 10.1.1.3.3 Rest of South & Central America: Diagnostic Imaging Market , by Application, 2019-2028 (USD Million)
- 10.1.1.3.4 Rest of South & Central America: Diagnostic Imaging Market , by End User, 2019-2028 (USD Million)
- 11. South & Central America Diagnostic Imaging Market -Industry Landscape
- 11.1 Overview
- 11.2 Inorganic Growth Strategies
- 11.2.1 Overview
- 11.3 Organic Growth Strategies
- 11.3.1 Overview
- 12. Company Profiles
- 12.1 General Electric Company
- 12.1.1 Key Facts
- 12.1.2 Business Description
- 12.1.3 Products and Services
- 12.1.4 Financial Overview
- 12.1.5 SWOT Analysis
- 12.1.6 Key Developments
- 12.2 Siemens Healthineers
- 12.2.1 Key Facts
- 12.2.2 Business Description
- 12.2.3 Products and Services
- 12.2.4 Financial Overview
- 12.2.5 SWOT Analysis
- 12.2.6 Key Developments
- 12.3 Koninklijke Philips N.V.
- 12.3.1 Key Facts
- 12.3.2 Business Description
- 12.3.3 Products and Services
- 12.3.4 Financial Overview
- 12.3.5 SWOT Analysis
- 12.3.6 Key Developments
- 12.4 KARL STORZ SE & Co. KG
- 12.4.1 Key Facts
- 12.4.2 Business Description
- 12.4.3 Products and Services
- 12.4.4 Financial Overview
- 12.4.5 SWOT Analysis
- 12.4.6 Key Developments
- 12.5 FUJIFILM Holdings Corporation
- 12.5.1 Key Facts
- 12.5.2 Business Description

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- 12.5.3 Products and Services
- 12.5.4 Financial Overview
- 12.5.5 SWOT Analysis
- 12.5.6 Key Developments
- 12.6 Canon Inc.
- 12.6.1 Key Facts
- 12.6.2 Business Description
- 12.6.3 Products and Services
- 12.6.4 Financial Overview
- 12.6.5 SWOT Analysis
- 12.6.6 Key Developments
- 12.7 Hologic, Inc.
- 12.7.1 Key Facts
- 12.7.2 Business Description
- 12.7.3 Products and Services
- 12.7.4 Financial Overview
- 12.7.5 SWOT Analysis
- 12.7.6 Key Developments
- 12.8 Carestream Health Inc.
- 12.8.1 Key Facts
- 12.8.2 Business Description
- 12.8.3 Products and Services
- 12.8.4 Financial Overview
- 12.8.5 SWOT Analysis
- 12.8.6 Key Developments
- 12.9 Stryker Corporation
- 12.9.1 Key Facts
- 12.9.2 Business Description
- 12.9.3 Products and Services
- 12.9.4 Financial Overview
- 12.9.5 SWOT Analysis
- 12.9.6 Key Developments
- 12.10 Olympus Corporation
- 12.10.1 Key Facts
- 12.10.2 Business Description
- 12.10.3 Products and Services
- 12.10.4 Financial Overview
- 12.10.5 SWOT Analysis
- 12.10.6 Key Developments
- 13. Appendix
- 13.1 About The Insight Partners
- 13.2 Glossary of Terms

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