

Global Elastography Imaging Market Size Study & Forecast, by Modality (Ultrasound, Magnetic Resonance), by Application (Radiology, Cardiology, Obstetrics, Urology, Vascular, Orthopedic and Musculoskeletal, Others), by End-use (Hospitals, Ambulatory Surgery Centers, Others), and Regional Analysis, 2023-2030

<https://marketpublishers.com/r/G006E8B47ED9EN.html>

Date: March 2024

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: G006E8B47ED9EN

Abstracts

Global Elastography Imaging Market is valued at approximately USD 1.98 billion in 2022 and is anticipated to grow with a healthy growth rate of more than 7.30% during the forecast period 2023-2030. Elastography imaging is a medical imaging technique that assesses tissue elasticity or stiffness, providing insights into various pathological conditions. It provides diagnostic insights, such as identifying cancerous tumors, which are typically firmer than surrounding tissue or detecting liver disease by assessing liver stiffness by distinguishing between tissue hardness and softness. The technique commonly employs ultrasound or Magnetic Resonance Imaging (MRI) to generate both stiffness maps and anatomical images for comparison. Elastography utilizes low-frequency vibrations during imaging procedures to evaluate organ stiffness in real time. Magnetic Resonance Elastography (MRE) combines MRI with vibrations to produce visual maps (elastograms) depicting tissue stiffness, primarily used to diagnose liver conditions such as fibrosis and inflammation. With increasing patient volumes and tightening budgets, the elastography imaging market is poised for growth due to its cost-effective, real-time, and portable solutions. The market is propelled by several significant factors, including the rising inclination towards the demand for minimally invasive surgeries and a rise in the number of product launches, coupled with the increasing government initiatives aimed at promoting early disease detection and improving healthcare infrastructure.

In addition, the rising incidence of chronic liver and breast cancer has spurred the demand for advanced diagnostic methodologies, which, in turn, accelerates the market growth at a substantial rate. According to the World Health Organization (WHO), in 2020, it was estimated that there were nearly 2.26 million new cases of breast cancer recorded. Also, the figure is projected to rise to 3.19 million new cancer cases by 2040. Elastography techniques provide valuable diagnostic information for the early detection and monitoring of these conditions. Furthermore, numerous research studies have explored the applications of ultrasound elastography. For instance, a study published in September 2021, titled 'Ultrasound Elastography in the Assessment of Intestinal Changes in Inflammatory Bowel Disease - A Systematic Review,' highlighted the potential of elastography as a novel imaging technique for evaluating intestinal strictures in individuals with Crohn's disease. Such research initiatives enhance the prospects of elastography technology. Thus, these aforementioned factors are propelling the growth of the Elastography Imaging Market over the estimated period. Moreover, the technological advancements in elastography techniques, as well as increasing integration with other imaging modalities present various lucrative opportunities over the forecast years. However, the unfavorable reimbursement scenario, along with the high cost of the elastography imaging systems are hampering the market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Elastography Imaging Market study include Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. North America dominated the market in 2022 owing to the robust healthcare ecosystem, renowned market players, and extensive research infrastructure. The country's healthcare landscape facilitates the seamless integration of elastography imaging into clinical workflows. Furthermore, favorable reimbursement policies and a proactive stance on early disease detection enhance the widespread adoption of elastography imaging across various medical applications. Manufacturers are increasingly focusing on commercialization efforts, attributed to the growing demand for these systems. Whereas, Asia Pacific is expected to grow at the highest CAGR over the forecast years. The growing geriatric population, advancements in healthcare services, and robust economic development are significantly propelling the market demand across the region. Additionally, proactive government initiatives aimed at modernizing healthcare and fostering research and development further catalyze the adoption of cutting-edge medical imaging technologies over the anticipated years.

Major market players included in this report are:

Canon Medical Systems Corporation

Esaote SpA

FUJIFILM Corporation

GE Healthcare

Hitachi, Ltd

Koninklijke Philips N.V.

Mindray Bio-Medical Electronics Co., Ltd.

Samsung Medison Co., Ltd.

Siemens AG

Toshiba America Medical Systems, Inc.

Recent Developments in the Market:

In November 2023, ZEISS unveiled a groundbreaking advancement in microscopy technology with the introduction of Lattice Structured Illumination Microscopy (SIM). This innovative approach effectively addresses the inherent physical resolution limitations of light microscopy, opening new frontiers in scientific observation and analysis.

In June 2023, Nikon Instruments Inc. announced the launch of 'ECLIPSE Ui,' an innovative microscope-based viewing system designed to facilitate seamless clinical observations. This system is tailored to accommodate both in-person and remote pathological assessments, offering comprehensive capabilities for enhanced clinical insights.

In July 2023, ZEISS Microscopy unveils its newest product introduction and uses interactive display elements to promote new researchers at the Microscopy and Microanalysis (M&M) 2023 Conference.

Global Elastography Imaging Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered - Modality, Application, End-use, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Modality:

Ultrasound

Magnetic Resonance

By Application:

Radiology

Cardiology

Obstetrics

Urology

Vascular

Orthopedic and Musculoskeletal

Others

By End-use:

Hospitals

Ambulatory Surgery Centers

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

Contents

CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2020-2030 (USD Billion)
 - 1.2.1. Elastography Imaging Market, by Region, 2020-2030 (USD Billion)
 - 1.2.2. Elastography Imaging Market, by Modality, 2020-2030 (USD Billion)
 - 1.2.3. Elastography Imaging Market, by Application, 2020-2030 (USD Billion)
 - 1.2.4. Elastography Imaging Market, by End-use, 2020-2030 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL ELASTOGRAPHY IMAGING MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
 - 2.2.1. Industry Evolution
 - 2.2.2. Scope of the Study
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

CHAPTER 3. GLOBAL ELASTOGRAPHY IMAGING MARKET DYNAMICS

- 3.1. Elastography Imaging Market Impact Analysis (2020-2030)
 - 3.1.1. Market Drivers
 - 3.1.1.1. Increasing incidences of chronic liver and breast cancer
 - 3.1.1.2. Rising inclination towards demand for minimally invasive surgeries
 - 3.1.2. Market Challenges
 - 3.1.2.1. Unfavourable reimbursement scenario
 - 3.1.2.2. High cost of elastography imaging system
 - 3.1.3. Market Opportunities
 - 3.1.3.1. Technological advancements in elastography techniques
 - 3.1.3.2. Increasing integration with other imaging modalities

CHAPTER 4. GLOBAL ELASTOGRAPHY IMAGING MARKET INDUSTRY ANALYSIS

- 4.1. Porter's 5 Force Model
 - 4.1.1. Bargaining Power of Suppliers
 - 4.1.2. Bargaining Power of Buyers
 - 4.1.3. Threat of New Entrants
 - 4.1.4. Threat of Substitutes
 - 4.1.5. Competitive Rivalry
- 4.2. Porter's 5 Force Impact Analysis
- 4.3. PEST Analysis
 - 4.3.1. Political
 - 4.3.2. Economical
 - 4.3.3. Social
 - 4.3.4. Technological
 - 4.3.5. Environmental
 - 4.3.6. Legal
- 4.4. Top investment opportunity
- 4.5. Top winning strategies
- 4.6. COVID-19 Impact Analysis
- 4.7. Disruptive Trends
- 4.8. Industry Expert Perspective
- 4.9. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL ELASTOGRAPHY IMAGING MARKET, BY MODALITY

- 5.1. Market Snapshot
- 5.2. Global Elastography Imaging Market by Modality, Performance - Potential Analysis
- 5.3. Global Elastography Imaging Market Estimates & Forecasts by Modality 2020-2030 (USD Billion)
- 5.4. Elastography Imaging Market, Sub Segment Analysis
 - 5.4.1. Ultrasound
 - 5.4.2. Magnetic Resonance

CHAPTER 6. GLOBAL ELASTOGRAPHY IMAGING MARKET, BY APPLICATION

- 6.1. Market Snapshot
- 6.2. Global Elastography Imaging Market by Application, Performance - Potential Analysis
- 6.3. Global Elastography Imaging Market Estimates & Forecasts by Application 2020-2030 (USD Billion)

6.4. Elastography Imaging Market, Sub Segment Analysis

- 6.4.1. Radiology
- 6.4.2. Cardiology
- 6.4.3. Obstetrics
- 6.4.4. Urology
- 6.4.5. Vascular
- 6.4.6. Orthopedic and Musculoskeletal
- 6.4.7. Others

CHAPTER 7. GLOBAL ELASTOGRAPHY IMAGING MARKET, BY END-USE

7.1. Market Snapshot

7.2. Global Elastography Imaging Market by End-use, Performance - Potential Analysis

7.3. Global Elastography Imaging Market Estimates & Forecasts by End-use 2020-2030 (USD Billion)

7.4. Elastography Imaging Market, Sub Segment Analysis

- 7.4.1. Hospitals
- 7.4.2. Ambulatory Surgery Centers
- 7.4.3. Others

CHAPTER 8. GLOBAL ELASTOGRAPHY IMAGING MARKET, REGIONAL ANALYSIS

8.1. Top Leading Countries

8.2. Top Emerging Countries

8.3. Elastography Imaging Market, Regional Market Snapshot

8.4. North America Elastography Imaging Market

8.4.1. U.S. Elastography Imaging Market

8.4.1.1. Modality breakdown estimates & forecasts, 2020-2030

8.4.1.2. Application breakdown estimates & forecasts, 2020-2030

8.4.1.3. End-use breakdown estimates & forecasts, 2020-2030

8.4.2. Canada Elastography Imaging Market

8.5. Europe Elastography Imaging Market Snapshot

8.5.1. U.K. Elastography Imaging Market

8.5.2. Germany Elastography Imaging Market

8.5.3. France Elastography Imaging Market

8.5.4. Spain Elastography Imaging Market

8.5.5. Italy Elastography Imaging Market

8.5.6. Rest of Europe Elastography Imaging Market

- 8.6. Asia-Pacific Elastography Imaging Market Snapshot
 - 8.6.1. China Elastography Imaging Market
 - 8.6.2. India Elastography Imaging Market
 - 8.6.3. Japan Elastography Imaging Market
 - 8.6.4. Australia Elastography Imaging Market
 - 8.6.5. South Korea Elastography Imaging Market
 - 8.6.6. Rest of Asia Pacific Elastography Imaging Market
- 8.7. Latin America Elastography Imaging Market Snapshot
 - 8.7.1. Brazil Elastography Imaging Market
 - 8.7.2. Mexico Elastography Imaging Market
- 8.8. Middle East & Africa Elastography Imaging Market
 - 8.8.1. Saudi Arabia Elastography Imaging Market
 - 8.8.2. South Africa Elastography Imaging Market
 - 8.8.3. Rest of Middle East & Africa Elastography Imaging Market

CHAPTER 9. COMPETITIVE INTELLIGENCE

- 9.1. Key Company SWOT Analysis
 - 9.1.1. Company
 - 9.1.2. Company
 - 9.1.3. Company
- 9.2. Top Market Strategies
- 9.3. Company Profiles
 - 9.3.1. Canon Medical Systems Corporation
 - 9.3.1.1. Key Information
 - 9.3.1.2. Overview
 - 9.3.1.3. Financial (Subject to Data Availability)
 - 9.3.1.4. Product Summary
 - 9.3.1.5. Recent Developments
 - 9.3.2. Esaote SpA
 - 9.3.3. FUJIFILM Corporation
 - 9.3.4. GE Healthcare
 - 9.3.5. Hitachi, Ltd
 - 9.3.6. Koninklijke Philips N.V.
 - 9.3.7. Mindray Bio-Medical Electronics Co., Ltd.
 - 9.3.8. Samsung Medison Co., Ltd.
 - 9.3.9. Siemens AG
 - 9.3.10. Toshiba America Medical Systems, Inc.

CHAPTER 10. RESEARCH PROCESS

10.1. Research Process

10.1.1. Data Mining

10.1.2. Analysis

10.1.3. Market Estimation

10.1.4. Validation

10.1.5. Publishing

10.2. Research Attributes

10.3. Research Assumption

List Of Tables

LIST OF TABLES

TABLE 1. Global Elastography Imaging Market, report scope

TABLE 2. Global Elastography Imaging Market estimates & forecasts by Region
2020-2030 (USD Billion)

TABLE 3. Global Elastography Imaging Market estimates & forecasts by Modality
2020-2030 (USD Billion)

TABLE 4. Global Elastography Imaging Market estimates & forecasts by Application
2020-2030 (USD Billion)

TABLE 5. Global Elastography Imaging Market estimates & forecasts by End-use
2020-2030 (USD Billion)

TABLE 6. Global Elastography Imaging Market by segment, estimates & forecasts,
2020-2030 (USD Billion)

TABLE 7. Global Elastography Imaging Market by region, estimates & forecasts,
2020-2030 (USD Billion)

TABLE 8. Global Elastography Imaging Market by segment, estimates & forecasts,
2020-2030 (USD Billion)

TABLE 9. Global Elastography Imaging Market by region, estimates & forecasts,
2020-2030 (USD Billion)

TABLE 10. Global Elastography Imaging Market by segment, estimates & forecasts,
2020-2030 (USD Billion)

TABLE 11. Global Elastography Imaging Market by region, estimates & forecasts,
2020-2030 (USD Billion)

TABLE 12. Global Elastography Imaging Market by segment, estimates & forecasts,
2020-2030 (USD Billion)

TABLE 13. Global Elastography Imaging Market by region, estimates & forecasts,
2020-2030 (USD Billion)

TABLE 14. Global Elastography Imaging Market by segment, estimates & forecasts,
2020-2030 (USD Billion)

TABLE 15. Global Elastography Imaging Market by region, estimates & forecasts,
2020-2030 (USD Billion)

TABLE 16. U.S. Elastography Imaging Market estimates & forecasts, 2020-2030 (USD
Billion)

TABLE 17. U.S. Elastography Imaging Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 18. U.S. Elastography Imaging Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 19. Canada Elastography Imaging Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 20. Canada Elastography Imaging Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 21. Canada Elastography Imaging Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 22. UK Elastography Imaging Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 23. UK Elastography Imaging Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 24. UK Elastography Imaging Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 25. Germany Elastography Imaging Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 26. Germany Elastography Imaging Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 27. Germany Elastography Imaging Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 28. France Elastography Imaging Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 29. France Elastography Imaging Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 30. France Elastography Imaging Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 31. Italy Elastography Imaging Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 32. Italy Elastography Imaging Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 33. Italy Elastography Imaging Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 34. Spain Elastography Imaging Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 35. Spain Elastography Imaging Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 36. Spain Elastography Imaging Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 37. RoE Elastography Imaging Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 38. RoE Elastography Imaging Market estimates & forecasts by segment

2020-2030 (USD Billion)

TABLE 39. RoE Elastography Imaging Market estimates & forecasts by segment

2020-2030 (USD Billion)

TABLE 40. China Elastography Imaging Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 41. China Elastography Imaging Market estimates & forecasts by segment

2020-2030 (USD Billion)

TABLE 42. China Elastography Imaging Market estimates & forecasts by segment

2020-2030 (USD Billion)

TABLE 43. India Elastography Imaging Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 44. India Elastography Imaging Market estimates & forecasts by segment

2020-2030 (USD Billion)

TABLE 45. India Elastography Imaging Market estimates & forecasts by segment

2020-2030 (USD Billion)

TABLE 46. Japan Elastography Imaging Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 47. Japan Elastography Imaging Market estimates & forecasts by segment

2020-2030 (USD Billion)

TABLE 48. Japan Elastography Imaging Market estimates & forecasts by segment

2020-2030 (USD Billion)

TABLE 49. South Korea Elastography Imaging Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 50. South Korea Elastography Imaging Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 51. South Korea Elastography Imaging Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 52. Australia Elastography Imaging Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 53. Australia Elastography Imaging Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 54. Australia Elastography Imaging Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 55. RoAPAC Elastography Imaging Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 56. RoAPAC Elastography Imaging Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 57. RoAPAC Elastography Imaging Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 58. Brazil Elastography Imaging Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 59. Brazil Elastography Imaging Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 60. Brazil Elastography Imaging Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 61. Mexico Elastography Imaging Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 62. Mexico Elastography Imaging Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 63. Mexico Elastography Imaging Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 64. RoLA Elastography Imaging Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 65. RoLA Elastography Imaging Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 66. RoLA Elastography Imaging Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 67. Saudi Arabia Elastography Imaging Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 68. South Africa Elastography Imaging Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 69. RoMEA Elastography Imaging Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 70. List of secondary sources, used in the study of global Elastography Imaging Market

TABLE 71. List of primary sources, used in the study of global Elastography Imaging Market

TABLE 72. Years considered for the study

TABLE 73. Exchange rates considered

List of tables and figures and dummy in nature, final lists may vary in the final deliverable

List Of Figures

LIST OF FIGURES

- FIG 1. Global Elastography Imaging Market, research methodology
 - FIG 2. Global Elastography Imaging Market, Market estimation techniques
 - FIG 3. Global Market size estimates & forecast methods
 - FIG 4. Global Elastography Imaging Market, key trends 2022
 - FIG 5. Global Elastography Imaging Market, growth prospects 2023-2030
 - FIG 6. Global Elastography Imaging Market, porters 5 force model
 - FIG 7. Global Elastography Imaging Market, pest analysis
 - FIG 8. Global Elastography Imaging Market, value chain analysis
 - FIG 9. Global Elastography Imaging Market by segment, 2020 & 2030 (USD Billion)
 - FIG 10. Global Elastography Imaging Market by segment, 2020 & 2030 (USD Billion)
 - FIG 11. Global Elastography Imaging Market by segment, 2020 & 2030 (USD Billion)
 - FIG 12. Global Elastography Imaging Market by segment, 2020 & 2030 (USD Billion)
 - FIG 13. Global Elastography Imaging Market by segment, 2020 & 2030 (USD Billion)
 - FIG 14. Global Elastography Imaging Market, regional snapshot 2020 & 2030
 - FIG 15. North America Elastography Imaging Market 2020 & 2030 (USD Billion)
 - FIG 16. Europe Elastography Imaging Market 2020 & 2030 (USD Billion)
 - FIG 17. Asia pacific Elastography Imaging Market 2020 & 2030 (USD Billion)
 - FIG 18. Latin America Elastography Imaging Market 2020 & 2030 (USD Billion)
 - FIG 19. Middle East & Africa Elastography Imaging Market 2020 & 2030 (USD Billion)
- List of tables and figures and dummy in nature, final lists may vary in the final deliverable

I would like to order

Product name: Global Elastography Imaging Market Size Study & Forecast, by Modality (Ultrasound, Magnetic Resonance), by Application (Radiology, Cardiology, Obstetrics, Urology, Vascular, Orthopedic and Musculoskeletal, Others), by End-use (Hospitals, Ambulatory Surgery Centers, Others), and Regional Analysis, 2023-2030

Product link: <https://marketpublishers.com/r/G006E8B47ED9EN.html>

Price: US\$ 4,950.00 (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/G006E8B47ED9EN.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