

# **Global Technetium-99m Market Size Study, by Clinical Services (Bone Scan, Renal Scan, Cardiac Scan, Neurology Scan), by Isotopic Application (Gamma Camera, Single Photon Emission Computed Tomography (SPECT)), by End-user (Hospitals, Diagnostic Centers, Others), and Regional Forecasts 2022-2032**

<https://marketpublishers.com/r/G4333CA853C7EN.html>

Date: August 2024

Pages: 200

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

ID: G4333CA853C7EN

## **Abstracts**

The Global Technetium-99m Market is valued at approximately USD 6.0 billion in 2023 and is anticipated to grow with a healthy growth rate of more than 3.3% over the forecast period 2024-2032. Technetium-99m is a crucial isotope used in nuclear medicine, serving as the foundation for diagnostic imaging operations globally. From urinary tract imaging to heart scanning, health practitioners rely heavily on it to detect and treat disorders. The demand for advanced nuclear imaging infrastructure in illness detection and therapy is growing, expanding the applications of SPECT detector technology in preclinical research and enhancing diagnostic precision. The Technetium-99m market is thriving, driven by changing healthcare demands and technological advancements. There is significant potential for the use of Technetium-99m in the treatment of an expanding variety of chronic and noncommunicable diseases, particularly in clinical studies such as scans that increase diagnostic procedures.

Governments are implementing health programs to increase diagnostic imaging and treatment options, thereby boosting the market size of Technetium-99m. The rise in demand for advanced nuclear imaging infrastructure for illness detection and treatment fuels the market's growth; SPECT detector technology is evolving with a wider range of applications in preclinical research as well as improved diagnostic accuracy. The growth

of the Technetium-99m market is highly positive, allowing players to capitalize on emerging trends and innovations as medicine continues to advance in early disease detection and precise imaging methods. Expansion of health infrastructure, rising healthcare expenditure, and worldwide health initiatives emphasizing innovative medical technologies are key factors bolstering the market demand for Technetium-99m.

As healthcare providers and researchers become more aware of the role and benefits that Technetium-99m can play in improving patient outcomes and treatment efficiency, stakeholders seeking to capitalize on this critical radiopharmaceutical's expanding use and demand chain will find numerous market opportunities.

Key regions considered for the global Technetium-99m Market study include Asia Pacific, North America, Europe, Latin America, and the Rest of the World. In 2023, North America dominated the landscape. Government authorities such as the US FDA and NRC establish safety standards for the use of Technetium in medical applications, governing its safe handling and optimal use. Various North American government programs and grants provide funding for development and research efforts in healthcare and biotechnology, fostering innovation within governmental institutions and commercial firms.

Major market players included in this report are:

Advanced Accelerator Applications S.A.

Advanced Cyclotron Systems, Inc.

Bayer AG

GE Healthcare

Philips Healthcare (Koninklijke Philips N.V.)

Siemens Healthineers

Eckert & Ziegler

IBA Radiopharma Solutions

Medi-Radiopharma Kft.

Lantheus Holdings, Inc.

Nordion, Inc.

Sumitomo Heavy Industries, Ltd.

NTP Radioisotopes SOC Ltd

Isotope JSC

China Isotope & Radiation Corporation

The detailed segments and sub-segment of the market are explained below:

By Clinical Services:

Bone Scan  
Renal Scan  
Cardiac Scan  
Neurology Scan

By Isotopic Application:

Gamma Camera  
Single Photon Emission Computed Tomography (SPECT)

By End-user:

Hospitals  
Diagnostic 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  
Rest of Latin America

Middle East & Africa

Saudi Arabia

South Africa

RoMEA

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and regional level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

## Contents

### **CHAPTER 1. GLOBAL TECHNETIUM-99M MARKET EXECUTIVE SUMMARY**

- 1.1. Global Technetium-99m Market Size & Forecast (2022-2032)
- 1.2. Regional Summary
- 1.3. Segmental Summary
  - 1.3.1. By Clinical Services
  - 1.3.2. By Isotopic Application
  - 1.3.3. By End-user
- 1.4. Key Trends
- 1.5. Recession Impact
- 1.6. Analyst Recommendation & Conclusion

### **CHAPTER 2. GLOBAL TECHNETIUM-99M MARKET DEFINITION AND RESEARCH ASSUMPTIONS**

- 2.1. Research Objective
- 2.2. Market Definition
- 2.3. Research Assumptions
  - 2.3.1. Inclusion & Exclusion
  - 2.3.2. Limitations
  - 2.3.3. Supply Side Analysis
    - 2.3.3.1. Availability
    - 2.3.3.2. Infrastructure
    - 2.3.3.3. Regulatory Environment
    - 2.3.3.4. Market Competition
    - 2.3.3.5. Economic Viability (Consumer's Perspective)
  - 2.3.4. Demand Side Analysis
    - 2.3.4.1. Regulatory frameworks
    - 2.3.4.2. Technological Advancements
    - 2.3.4.3. Environmental Considerations
    - 2.3.4.4. Consumer Awareness & Acceptance
- 2.4. Estimation Methodology
- 2.5. Years Considered for the Study
- 2.6. Currency Conversion Rates

### **CHAPTER 3. GLOBAL TECHNETIUM-99M MARKET DYNAMICS**

### 3.1. Market Drivers

- 3.1.1. Growth in Investment in Healthcare
- 3.1.2. Increase in Prevalence of Chronic and Non-communicable Diseases
- 3.1.3. High Demand for Cardiac Scans

### 3.2. Market Challenges

- 3.2.1. Economic Uncertainty and Cost Concerns

### 3.3. Market Opportunities

- 3.3.1. Advancements in Detector Technology of SPECT
- 3.3.2. Expansion of Application Areas

## **CHAPTER 4. GLOBAL TECHNETIUM-99M 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
- 4.1.6. Futuristic Approach to Porter's 5 Force Model
- 4.1.7. Porter's 5 Force Impact Analysis

### 4.2. PESTEL Analysis

- 4.2.1. Political
- 4.2.2. Economical
- 4.2.3. Social
- 4.2.4. Technological
- 4.2.5. Environmental
- 4.2.6. Legal

### 4.3. Top investment opportunity

### 4.4. Top winning strategies

### 4.5. Disruptive Trends

### 4.6. Industry Expert Perspective

### 4.7. Analyst Recommendation & Conclusion

## **CHAPTER 5. GLOBAL TECHNETIUM-99M MARKET SIZE & FORECASTS BY CLINICAL SERVICES 2022-2032**

### 5.1. Segment Dashboard

### 5.2. Global Technetium-99m Market: Clinical Services Revenue Trend Analysis, 2022 & 2032(USD Billion)

- 5.2.1. Bone Scan
- 5.2.2. Renal Scan
- 5.2.3. Cardiac Scan
- 5.2.4. Neurology Scan

## **CHAPTER 6. GLOBAL TECHNETIUM-99M MARKET SIZE & FORECASTS BY ISOTOPIC APPLICATION 2022-2032**

- 6.1. Segment Dashboard
- 6.2. Global Technetium-99m Market: Isotopic Application Revenue Trend Analysis, 2022 & 2032(USD Billion)
  - 6.2.1. Gamma Camera
  - 6.2.2. Single Photon Emission Computed Tomography (SPECT)

## **CHAPTER 7. GLOBAL TECHNETIUM-99M MARKET SIZE & FORECASTS BY END-USER 2022-2032**

- 7.1. Segment Dashboard
- 7.2. Global Technetium-99m Market: End-user Revenue Trend Analysis, 2022 & 2032(USD Billion)
  - 7.2.1. Hospitals
  - 7.2.2. Diagnostic Centers
  - 7.2.3. Others (Academics and Research Institutes, etc.)

## **CHAPTER 8. GLOBAL TECHNETIUM-99M MARKET SIZE & FORECASTS BY REGION 2022-2032**

- 8.1. North America Technetium-99m Market
  - 8.1.1. U.S. Technetium-99m Market
    - 8.1.1.1. Clinical Services breakdown size & forecasts, 2022-2032
    - 8.1.1.2. Isotopic Application breakdown size & forecasts, 2022-2032
    - 8.1.1.3. End-user breakdown size & forecasts, 2022-2032
  - 8.1.2. Canada Technetium-99m Market
- 8.2. Europe Technetium-99m Market
  - 8.2.1. UK Technetium-99m Market
  - 8.2.2. Germany Technetium-99m Market
  - 8.2.3. France Technetium-99m Market
  - 8.2.4. Spain Technetium-99m Market
  - 8.2.5. Italy Technetium-99m Market

- 8.2.6. Rest of Europe Technetium-99m Market
- 8.3. Asia-Pacific Technetium-99m Market
  - 8.3.1. China Technetium-99m Market
  - 8.3.2. India Technetium-99m Market
  - 8.3.3. Japan Technetium-99m Market
  - 8.3.4. Australia Technetium-99m Market
  - 8.3.5. South Korea Technetium-99m Market
  - 8.3.6. Rest of Asia Pacific Technetium-99m Market
- 8.4. Latin America Technetium-99m Market
  - 8.4.1. Brazil Technetium-99m Market
  - 8.4.2. Mexico Technetium-99m Market
  - 8.4.3. Rest of Latin America Technetium-99m Market
- 8.5. Middle East & Africa Technetium-99m Market
  - 8.5.1. Saudi Arabia Technetium-99m Market
  - 8.5.2. South Africa Technetium-99m Market
  - 8.5.3. Rest of Middle East & Africa Technetium-99m 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. Advanced Accelerator Applications S.A.
    - 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. Market Strategies
  - 9.3.2. Advanced Cyclotron Systems, Inc.
  - 9.3.3. Bayer AG
  - 9.3.4. GE Healthcare
  - 9.3.5. Philips Healthcare (Koninklijke Philips N.V.)
  - 9.3.6. Siemens Healthineers
  - 9.3.7. Eckert & Ziegler
  - 9.3.8. IBA Radiopharma Solutions
  - 9.3.9. Medi-Radiopharma Kft.



- 9.3.10. Lantheus Holdings, Inc.
- 9.3.11. Nordion, Inc.
- 9.3.12. Sumitomo Heavy Industries, Ltd.
- 9.3.13. NTP Radioisotopes SOC Ltd
- 9.3.14. Isotope JSC
- 9.3.15. China Isotope & Radiation Corporation

## **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

## List Of Tables

### LIST OF TABLES

TABLE 1. Global Technetium-99m Market, Report Scope

TABLE 2. Global Technetium-99m Market Estimates & Forecasts by Region 2022-2032 (USD Billion)

TABLE 3. Global Technetium-99m Market Estimates & Forecasts by Clinical Services 2022-2032 (USD Billion)

TABLE 4. Global Technetium-99m Market Estimates & Forecasts by Isotopic Application 2022-2032 (USD Billion)

TABLE 5. Global Technetium-99m Market Estimates & Forecasts by End-user 2022-2032 (USD Billion)

TABLE 6. Global Technetium-99m Market by Segment, Estimates & Forecasts, 2022-2032 (USD Billion)

TABLE 7. Global Technetium-99m Market by Region, Estimates & Forecasts, 2022-2032 (USD Billion)

TABLE 8. Global Technetium-99m Market by Segment, Estimates & Forecasts, 2022-2032 (USD Billion)

TABLE 9. Global Technetium-99m Market by Region, Estimates & Forecasts, 2022-2032 (USD Billion)

TABLE 10. Global Technetium-99m Market by Segment, Estimates & Forecasts, 2022-2032 (USD Billion)

TABLE 11. Global Technetium-99m Market by Region, Estimates & Forecasts, 2022-2032 (USD Billion)

TABLE 12. Global Technetium-99m Market by Segment, Estimates & Forecasts, 2022-2032 (USD Billion)

TABLE 13. Global Technetium-99m Market by Region, Estimates & Forecasts, 2022-2032 (USD Billion)

TABLE 14. Global Technetium-99m Market by Segment, Estimates & Forecasts, 2022-2032 (USD Billion)

TABLE 15. U.S. Technetium-99m Market Estimates & Forecasts, 2022-2032 (USD Billion)

TABLE 16. U.S. Technetium-99m Market Estimates & Forecasts by Segment 2022-2032 (USD Billion)

TABLE 17. U.S. Technetium-99m Market Estimates & Forecasts by Segment 2022-2032 (USD Billion)

TABLE 18. Canada Technetium-99m Market Estimates & Forecasts, 2022-2032 (USD Billion)

TABLE 19. Canada Technetium-99m Market Estimates & Forecasts by Segment  
2022-2032 (USD Billion)

TABLE 20. Canada Technetium-99m Market Estimates & Forecasts by Segment  
2022-2032 (USD Billion)

.....

This list is not complete, final report does contain more than 100 tables. The list may be updated in the final deliverable.

## List Of Figures

### LIST OF FIGURES

- FIG 1. Global Technetium-99m Market, Research Methodology
- FIG 2. Global Technetium-99m Market, Market Estimation Techniques
- FIG 3. Global Market Size Estimates & Forecast Methods.
- FIG 4. Global Technetium-99m Market, Key Trends 2023
- FIG 5. Global Technetium-99m Market, Growth Prospects 2022-2032
- FIG 6. Global Technetium-99m Market, Porter's 5 Force Model
- FIG 7. Global Technetium-99m Market, PESTEL Analysis
- FIG 8. Global Technetium-99m Market, Value Chain Analysis
- FIG 9. Global Technetium-99m Market by Segment, 2022 & 2032(USD Billion)
- FIG 10. Global Technetium-99m Market by Segment, 2022 & 2032(USD Billion)
- FIG 11. Global Technetium-99m Market by Segment, 2022 & 2032(USD Billion)
- FIG 12. Global Technetium-99m Market by Segment, 2022 & 2032(USD Billion)
- FIG 13. Global Technetium-99m Market by Segment, 2022 & 2032(USD Billion)
- FIG 14. Global Technetium-99m Market, Regional Snapshot 2022 & 2034
- FIG 15. North America Technetium-99m Market 2022 & 2032(USD Billion)
- FIG 16. Europe Technetium-99m Market 2022 & 2032(USD Billion)
- FIG 17. Asia Pacific Technetium-99m Market 2022 & 2032(USD Billion)
- FIG 18. Latin America Technetium-99m Market 2022 & 2032(USD Billion)
- FIG 19. Middle East & Africa Technetium-99m Market 2022 & 2032(USD Billion)
- FIG 20. Global Technetium-99m Market, Company Market Share Analysis (2023)

.....

This list is not complete, final report does contain more than 50 figures. The list may be updated in the final deliverable.

## I would like to order

Product name: Global Technetium-99m Market Size Study, by Clinical Services (Bone Scan, Renal Scan, Cardiac Scan, Neurology Scan), by Isotopic Application (Gamma Camera, Single Photon Emission Computed Tomography (SPECT)), by End-user (Hospitals, Diagnostic Centers, Others), and Regional Forecasts 2022-2032

Product link: <https://marketpublishers.com/r/G4333CA853C7EN.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](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/G4333CA853C7EN.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