

Global Neutron Capture Therapy of Cancer Production, Demand and Key Producers, 2022-2028

<https://marketpublishers.com/r/G28BBB32C273EN.html>

Date: December 2022

Pages: 96

Price: US\$ 4,480.00 (Single User License)

ID: G28BBB32C273EN

Abstracts

Neutron capture therapy (NCT) is a type of radiotherapy for treating locally invasive malignant tumors such as primary brain tumors, recurrent cancers of the head and neck region, and cutaneous and extracutaneous melanomas. It is a two-step process: first, the patient is injected with a tumor-localizing drug containing the stable isotope boron-10 (^{10}B), which has a high propensity to capture low energy 'thermal' neutrons. The neutron cross section of ^{10}B (3,837 barns) is 1,000 times more than that of other elements, such as nitrogen, hydrogen, or oxygen, that occur in tissue. In the second step, the patient is radiated with epithermal neutrons, the sources of which in the past have been nuclear reactors and now are accelerators that produce higher energy epithermal neutrons.

This report studies the global Neutron Capture Therapy of Cancer demand, key companies, and key regions.

This report is a detailed and comprehensive analysis of the world market for Neutron Capture Therapy of Cancer, and provides market size (US\$ million) and Year-over-Year (YoY) growth, considering 2021 as the base year. This report explores demand trends and competition, as well as details the characteristics of Neutron Capture Therapy of Cancer that contribute to its increasing demand across many markets.

The global Neutron Capture Therapy of Cancer market size is expected to reach \$ million by 2028, rising at a market growth of % CAGR during the forecast period (2022-2028).

Highlights and key features of the study

Global Neutron Capture Therapy of Cancer total market, 2017-2028, (USD Million)

Global Neutron Capture Therapy of Cancer total market by region & country, CAGR, 2017-2028, (USD Million)

U.S. VS China: Neutron Capture Therapy of Cancer total market, key domestic companies and share, (USD Million)

Global Neutron Capture Therapy of Cancer revenue by player and market share 2017-2022, (USD Million)

Global Neutron Capture Therapy of Cancer total market by Type, CAGR, 2017-2028, (USD Million)

Global Neutron Capture Therapy of Cancer total market by Application, CAGR, 2017-2028, (USD Million)

This reports profiles major players in the global Neutron Capture Therapy of Cancer market based on the following parameters – company overview, revenue, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include TAE Life Sciences, RaySearch, Neutron Therapeutics, International Particle Therapy, Southern TOHOKU Hospital Group and Neuboron Medtech, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Neutron Capture Therapy of Cancer market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), by player, by regions, by Type, and by Application. Data is given for the years 2017-2028 by year with 2021 as the base year, 2022 as the estimate year, and 2028 as the forecast year.

Global Neutron Capture Therapy of Cancer Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Neutron Capture Therapy of Cancer Market, Segmentation by Type

Thermal Beam

Epithermal Beam

Global Neutron Capture Therapy of Cancer Market, Segmentation by Application

Brain Tumor

Extracranial Tumor

Others

Companies Profiled:

TAE Life Sciences

RaySearch

Neutron Therapeutics

International Particle Therapy

Southern TOHOKU Hospital Group

Neuboron Medtech

Key Questions Answered

1. How big is the global Neutron Capture Therapy of Cancer market?
2. What is the demand of the global Neutron Capture Therapy of Cancer market?
3. What is the year over year growth of the global Neutron Capture Therapy of Cancer market?
4. What is the total value of the global Neutron Capture Therapy of Cancer market?
5. Who are the major players in the global Neutron Capture Therapy of Cancer market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

- 1.1 Neutron Capture Therapy of Cancer Introduction
- 1.2 World Neutron Capture Therapy of Cancer Market Size & Forecast (2017 & 2021 & 2028)
- 1.3 World Neutron Capture Therapy of Cancer Total Market by Region
 - 1.3.1 World Neutron Capture Therapy of Cancer Market Size by Region (2017-2028)
 - 1.3.2 United States Neutron Capture Therapy of Cancer Market Size (2017-2028)
 - 1.3.3 China Neutron Capture Therapy of Cancer Market Size (2017-2028)
 - 1.3.4 Europe Neutron Capture Therapy of Cancer Market Size (2017-2028)
 - 1.3.5 Japan Neutron Capture Therapy of Cancer Market Size (2017-2028)
 - 1.3.6 South Korea Neutron Capture Therapy of Cancer Market Size (2017-2028)
 - 1.3.7 ASEAN Neutron Capture Therapy of Cancer Market Size (2017-2028)
 - 1.3.8 India Neutron Capture Therapy of Cancer Market Size (2017-2028)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 Neutron Capture Therapy of Cancer Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 Neutron Capture Therapy of Cancer Major Market Trends
- 1.5 Influence of COVID-19 and Russia-Ukraine War
 - 1.5.1 Influence of COVID-19
 - 1.5.2 Influence of Russia-Ukraine War

2 WORLD NEUTRON CAPTURE THERAPY OF CANCER COMPANIES COMPETITIVE ANALYSIS

- 2.1 World Neutron Capture Therapy of Cancer Revenue by Player (2017-2022)
- 2.2 Industry Rank and Concentration Rate (CR)
 - 2.2.1 Global Neutron Capture Therapy of Cancer Industry Rank of Major Players
 - 2.2.2 Global Concentration Ratios (CR4) for Neutron Capture Therapy of Cancer in 2021
 - 2.2.3 Global Concentration Ratios (CR8) for Neutron Capture Therapy of Cancer in 2021
- 2.3 Neutron Capture Therapy of Cancer Company Evaluation Quadrant
- 2.4 Neutron Capture Therapy of Cancer Market: Overall Company Footprint Analysis
 - 2.4.1 Neutron Capture Therapy of Cancer Market: Region Footprint
 - 2.4.2 Neutron Capture Therapy of Cancer Market: Company Product Type Footprint
 - 2.4.3 Neutron Capture Therapy of Cancer Market: Company Product Application

Footprint

2.5 Competitive Environment

2.5.1 Historical Structure of the Industry

2.5.2 Barriers of Market Entry

2.5.3 Factors of Competition

2.6 Mergers, Acquisitions Activity

3 UNITED STATES VS CHINA VS REST OF THE WORLD

3.1 United States VS China: Neutron Capture Therapy of Cancer Market Comparison

3.1.1 United States VS China: Neutron Capture Therapy of Cancer Market Size Comparison (2017 & 2021 & 2028)

3.1.2 United States VS China: Neutron Capture Therapy of Cancer Market Size Market Share Comparison (2017 & 2021 & 2028)

3.2 United States Neutron Capture Therapy of Cancer Major Players and Market Share, 2017-2022

3.2.1 Major Players of Neutron Capture Therapy of Cancer in United States, Headquarters (States, Country)

3.2.2 United States Neutron Capture Therapy of Cancer Revenue by Domestic Player, (2017-2022)

3.3 China Neutron Capture Therapy of Cancer Major Players and Market Share, 2017-2022

3.3.1 Major Players of Neutron Capture Therapy of Cancer in China, Headquarters (Province, Country)

3.3.2 China Neutron Capture Therapy of Cancer Revenue by Domestic Player, (2017-2022)

3.4 Rest of World Neutron Capture Therapy of Cancer Major Players and Market Share, 2017-2022

3.4.1 Major Players of Neutron Capture Therapy of Cancer in Rest of World, Headquarters (State, Country)

3.4.2 Rest of World Neutron Capture Therapy of Cancer Revenue by Domestic Player, (2017-2022)

4 MARKET ANALYSIS BY TYPE

4.1 World Neutron Capture Therapy of Cancer Market Size Overview by Type: 2017 VS 2021 VS 2028

4.2 Segment Introduction by Type

4.2.1 Thermal Beam

4.2.2 Epithermal Beam

4.3 Market Segment by Type

4.3.1 World Neutron Capture Therapy of Cancer Market Size by Type (2017-2022)

4.3.2 World Neutron Capture Therapy of Cancer Market Size by Type (2023-2028)

4.3.3 World Neutron Capture Therapy of Cancer Market Size Market Share by Type (2017-2028)

5 MARKET ANALYSIS BY APPLICATION

5.1 World Neutron Capture Therapy of Cancer Market Size Overview by Application: 2017 VS 2021 VS 2028

5.2 Segment Introduction by Application

5.2.1 Brain Tumor

5.2.2 Extracranial Tumor

5.2.3 Others

5.3 Market Segment by Application

5.3.1 World Neutron Capture Therapy of Cancer Market Size by Application (2017-2022)

5.3.2 World Neutron Capture Therapy of Cancer Market Size by Application (2023-2028)

5.3.3 World Neutron Capture Therapy of Cancer Market Size by Application (2017-2028)

6 COMPANY PROFILES

6.1 TAE Life Sciences

6.1.1 TAE Life Sciences Details

6.1.2 TAE Life Sciences Major Business

6.1.3 TAE Life Sciences Neutron Capture Therapy of Cancer Product and Services

6.1.4 TAE Life Sciences Neutron Capture Therapy of Cancer Revenue, Gross Margin and Market Share (2017-2022)

6.1.5 TAE Life Sciences Recent Developments/Updates

6.1.6 TAE Life Sciences Competitive Strengths & Weaknesses

6.2 RaySearch

6.2.1 RaySearch Details

6.2.2 RaySearch Major Business

6.2.3 RaySearch Neutron Capture Therapy of Cancer Product and Services

6.2.4 RaySearch Neutron Capture Therapy of Cancer Revenue, Gross Margin and Market Share (2017-2022)

- 6.2.5 RaySearch Recent Developments/Updates
- 6.2.6 RaySearch Competitive Strengths & Weaknesses
- 6.3 Neutron Therapeutics
 - 6.3.1 Neutron Therapeutics Details
 - 6.3.2 Neutron Therapeutics Major Business
 - 6.3.3 Neutron Therapeutics Neutron Capture Therapy of Cancer Product and Services
 - 6.3.4 Neutron Therapeutics Neutron Capture Therapy of Cancer Revenue, Gross Margin and Market Share (2017-2022)
 - 6.3.5 Neutron Therapeutics Recent Developments/Updates
 - 6.3.6 Neutron Therapeutics Competitive Strengths & Weaknesses
- 6.4 International Particle Therapy
 - 6.4.1 International Particle Therapy Details
 - 6.4.2 International Particle Therapy Major Business
 - 6.4.3 International Particle Therapy Neutron Capture Therapy of Cancer Product and Services
 - 6.4.4 International Particle Therapy Neutron Capture Therapy of Cancer Revenue, Gross Margin and Market Share (2017-2022)
 - 6.4.5 International Particle Therapy Recent Developments/Updates
 - 6.4.6 International Particle Therapy Competitive Strengths & Weaknesses
- 6.5 Southern TOHOKU Hospital Group
 - 6.5.1 Southern TOHOKU Hospital Group Details
 - 6.5.2 Southern TOHOKU Hospital Group Major Business
 - 6.5.3 Southern TOHOKU Hospital Group Neutron Capture Therapy of Cancer Product and Services
 - 6.5.4 Southern TOHOKU Hospital Group Neutron Capture Therapy of Cancer Revenue, Gross Margin and Market Share (2017-2022)
 - 6.5.5 Southern TOHOKU Hospital Group Recent Developments/Updates
 - 6.5.6 Southern TOHOKU Hospital Group Competitive Strengths & Weaknesses
- 6.6 Neuboron Medtech
 - 6.6.1 Neuboron Medtech Details
 - 6.6.2 Neuboron Medtech Major Business
 - 6.6.3 Neuboron Medtech Neutron Capture Therapy of Cancer Product and Services
 - 6.6.4 Neuboron Medtech Neutron Capture Therapy of Cancer Revenue, Gross Margin and Market Share (2017-2022)
 - 6.6.5 Neuboron Medtech Recent Developments/Updates
 - 6.6.6 Neuboron Medtech Competitive Strengths & Weaknesses

7 RAW MATERIAL AND INDUSTRY CHAIN

- 7.1 Raw Material of Neutron Capture Therapy of Cancer and Key Manufacturers
- 7.2 Neutron Capture Therapy of Cancer Manufacturing Costs
- 7.3 Neutron Capture Therapy of Cancer Production Process
- 7.4 Neutron Capture Therapy of Cancer Industrial Chain

8 DISTRIBUTION CHANNEL ANALYSIS

- 8.1 Distribution Channel Breakdown for Neutron Capture Therapy of Cancer Shipments (%): 2017-2028
 - 8.1.1 Direct Channel
 - 8.1.2 Indirect Channel
- 8.2 Neutron Capture Therapy of Cancer Typical Distributors
- 8.3 Neutron Capture Therapy of Cancer Typical Customers

9 RESEARCH FINDINGS AND CONCLUSION

10 APPENDIX

- 10.1 Methodology
- 10.2 Research Process and Data Source
- 10.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. World Neutron Capture Therapy of Cancer Market Size by Region (2017, 2022 and 2028) & (USD Million)

Table 2. World Neutron Capture Therapy of Cancer Market Size by Region (2017-2022) & (USD Million)

Table 3. World Neutron Capture Therapy of Cancer Market Size by Region (2023-2028) & (USD Million)

Table 4. World Neutron Capture Therapy of Cancer Market Size Market Share by Region (2017-2022)

Table 5. World Neutron Capture Therapy of Cancer Market Size Market Share by Region (2023-2028)

Table 6. Major Market Trends

Table 7. World Neutron Capture Therapy of Cancer Revenue by Player (2017-2022) & (USD Million)

Table 8. Revenue Market Share of Key Neutron Capture Therapy of Cancer Players in 2021

Table 9. World Neutron Capture Therapy of Cancer Industry Rank of Major Player, Based on Revenue in 2021

Table 10. Global Neutron Capture Therapy of Cancer Company Evaluation Quadrant

Table 11. Head Office of Key Neutron Capture Therapy of Cancer Player

Table 12. Neutron Capture Therapy of Cancer Market: Company Product Type Footprint

Table 13. Neutron Capture Therapy of Cancer Market: Company Product Application Footprint

Table 14. Neutron Capture Therapy of Cancer Mergers & Acquisitions Activity

Table 15. United States VS China Neutron Capture Therapy of Cancer Market Size Comparison, (2017 & 2021 & 2028) & (USD Million)

Table 16. Major Player of Neutron Capture Therapy of Cancer in United States, Headquarters (States, Country)

Table 17. United States Neutron Capture Therapy of Cancer Revenue by Domestic Player, (2017-2022) & (USD Million)

Table 18. United States Neutron Capture Therapy of Cancer Revenue Market Share by Domestic Player, (2017-2022)

Table 19. Major Player of Neutron Capture Therapy of Cancer in China, Company Headquarters (Province, Country)

Table 20. China Neutron Capture Therapy of Cancer Revenue by Domestic Player,

(2017-2022) & (USD Million)

Table 21. China Neutron Capture Therapy of Cancer Revenue Market Share by Domestic Player, (2017-2022)

Table 22. Major Player of Neutron Capture Therapy of Cancer in Rest of World, Company Headquarters (State, Country)

Table 23. Rest of World Neutron Capture Therapy of Cancer Revenue by Domestic Player, (2017-2022) & (USD Million)

Table 24. Rest of World Neutron Capture Therapy of Cancer Revenue Market Share by Domestic Player, (2017-2022)

Table 25. World Neutron Capture Therapy of Cancer Revenue by Type, (USD Million), 2017 & 2021 & 2028

Table 26. World Neutron Capture Therapy of Cancer Revenue by Type (2017-2022) & (USD Million)

Table 27. World Neutron Capture Therapy of Cancer Revenue by Type (2023-2028) & (USD Million)

Table 28. World Neutron Capture Therapy of Cancer Revenue by Application, (USD Million), 2017 & 2021 & 2028

Table 29. World Neutron Capture Therapy of Cancer Revenue by Application (2017-2022) & (USD Million)

Table 30. World Neutron Capture Therapy of Cancer Revenue by Application (2023-2028) & (USD Million)

Table 31. TAE Life Sciences Basic Information, Area Served and Competitors

Table 32. TAE Life Sciences Major Business

Table 33. TAE Life Sciences Neutron Capture Therapy of Cancer Product and Services

Table 34. TAE Life Sciences Neutron Capture Therapy of Cancer Revenue, Gross Margin and Market Share (2017-2022) & (USD Million)

Table 35. TAE Life Sciences Recent Developments/Updates

Table 36. TAE Life Sciences Competitive Strengths & Weaknesses

Table 37. RaySearch Basic Information, Area Served and Competitors

Table 38. RaySearch Major Business

Table 39. RaySearch Neutron Capture Therapy of Cancer Product and Services

Table 40. RaySearch Neutron Capture Therapy of Cancer Revenue, Gross Margin and Market Share (2017-2022) & (USD Million)

Table 41. RaySearch Recent Developments/Updates

Table 42. RaySearch Competitive Strengths & Weaknesses

Table 43. Neutron Therapeutics Basic Information, Area Served and Competitors

Table 44. Neutron Therapeutics Major Business

Table 45. Neutron Therapeutics Neutron Capture Therapy of Cancer Product and Services

Table 46. Neutron Therapeutics Neutron Capture Therapy of Cancer Revenue, Gross Margin and Market Share (2017-2022) & (USD Million)

Table 47. Neutron Therapeutics Recent Developments/Updates

Table 48. Neutron Therapeutics Competitive Strengths & Weaknesses

Table 49. International Particle Therapy Basic Information, Area Served and Competitors

Table 50. International Particle Therapy Major Business

Table 51. International Particle Therapy Neutron Capture Therapy of Cancer Product and Services

Table 52. International Particle Therapy Neutron Capture Therapy of Cancer Revenue, Gross Margin and Market Share (2017-2022) & (USD Million)

Table 53. International Particle Therapy Recent Developments/Updates

Table 54. International Particle Therapy Competitive Strengths & Weaknesses

Table 55. Southern TOHOKU Hospital Group Basic Information, Area Served and Competitors

Table 56. Southern TOHOKU Hospital Group Major Business

Table 57. Southern TOHOKU Hospital Group Neutron Capture Therapy of Cancer Product and Services

Table 58. Southern TOHOKU Hospital Group Neutron Capture Therapy of Cancer Revenue, Gross Margin and Market Share (2017-2022) & (USD Million)

Table 59. Southern TOHOKU Hospital Group Recent Developments/Updates

Table 60. Neuboron Medtech Basic Information, Area Served and Competitors

Table 61. Neuboron Medtech Major Business

Table 62. Neuboron Medtech Neutron Capture Therapy of Cancer Product and Services

Table 63. Neuboron Medtech Neutron Capture Therapy of Cancer Revenue, Gross Margin and Market Share (2017-2022) & (USD Million)

Table 64. Neutron Capture Therapy of Cancer Raw Material

Table 65. Key Manufacturers of Neutron Capture Therapy of Cancer Raw Materials

Table 66. Neutron Capture Therapy of Cancer Typical Distributors

Table 67. Neutron Capture Therapy of Cancer Typical Customers

List Of Figures

LIST OF FIGURES

- Figure 1. Neutron Capture Therapy of Cancer Picture
- Figure 2. World Neutron Capture Therapy of Cancer Total Market Size: 2017 & 2021 & 2028, (USD Million)
- Figure 3. World Neutron Capture Therapy of Cancer Total Market Size (2017-2028) & (USD Million)
- Figure 4. World Neutron Capture Therapy of Cancer Market Size Market Share by Region (2017-2028)
- Figure 5. United States Neutron Capture Therapy of Cancer Market Size (2017-2028) & (USD Million)
- Figure 6. China Neutron Capture Therapy of Cancer Market Size (2017-2028) & (USD Million)
- Figure 7. Europe Neutron Capture Therapy of Cancer Market Size (2017-2028) & (USD Million)
- Figure 8. Japan Neutron Capture Therapy of Cancer Market Size (2017-2028) & (USD Million)
- Figure 9. South Korea Neutron Capture Therapy of Cancer Market Size (2017-2028) & (USD Million)
- Figure 10. ASEAN Neutron Capture Therapy of Cancer Market Size (2017-2028) & (USD Million)
- Figure 11. India Neutron Capture Therapy of Cancer Market Size (2017-2028) & (USD Million)
- Figure 12. Neutron Capture Therapy of Cancer Market Drivers
- Figure 13. Factors Affecting Demand
- Figure 14. Producer Shipments of Neutron Capture Therapy of Cancer by Player Revenue (\$MM) and Market Share (%): 2021
- Figure 15. Global Four-firm Concentration Ratios (CR4) for Neutron Capture Therapy of Cancer Markets in 2021
- Figure 16. Global Four-firm Concentration Ratios (CR8) for Neutron Capture Therapy of Cancer Markets in 2021
- Figure 17. United States VS China: Neutron Capture Therapy of Cancer Market Size Market Share Comparison (2017 & 2021 & 2028)
- Figure 18. World Neutron Capture Therapy of Cancer Market Size by Type, (USD Million), 2017 & 2021 & 2028
- Figure 19. World Neutron Capture Therapy of Cancer Market Size Market Share by Type in 2021

Figure 20. Thermal Beam

Figure 21. Epithermal Beam

Figure 22. World Neutron Capture Therapy of Cancer Market Size Market Share by Type (2017-2028)

Figure 23. World Neutron Capture Therapy of Cancer Market Size by Application, (USD Million), 2017 & 2021 & 2028

Figure 24. World Neutron Capture Therapy of Cancer Market Size Market Share by Application in 2021

Figure 25. Brain Tumor

Figure 26. Extracranial Tumor

Figure 27. Others

Figure 28. World Neutron Capture Therapy of Cancer Market Size Market Share by Application (2017-2028)

Figure 29. Manufacturing Cost Structure Analysis of Neutron Capture Therapy of Cancer in 2021

Figure 30. Manufacturing Process Analysis of Neutron Capture Therapy of Cancer

Figure 31. Neutron Capture Therapy of Cancer Industrial Chain

Figure 32. Distribution Channel Breakdown for Neutron Capture Therapy of Cancer Shipments (%): 2017-2028

Figure 33. Direct Channel Pros & Cons

Figure 34. Indirect Channel Pros & Cons

Figure 35. Methodology

Figure 36. Research Process and Data Source

I would like to order

Product name: Global Neutron Capture Therapy of Cancer Production, Demand and Key Producers, 2022-2028

Product link: <https://marketpublishers.com/r/G28BBB32C273EN.html>

Price: US\$ 4,480.00 (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/G28BBB32C273EN.html>