

Global Gadolinium Neutron Capture Therapy (GdNCT) Market 2025 by Company, Regions, Type and Application, Forecast to 2031

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Abstracts

According to our latest research, the global Gadolinium Neutron Capture Therapy (GdNCT) market size will reach USD 8.7 million in 2031, growing at a CAGR of 8.2% over the analysis period.

Gadolinium Neutron Capture Therapy (Gd-NCT) is a targeted radiotherapy method based on neutron capture reaction, mainly used for cancer treatment. Its core principle is to use specific isotopes (such as gadolinium-157) to undergo nuclear reactions under neutron irradiation, releasing high-energy particles to selectively destroy cancer cells.

This report is a detailed and comprehensive analysis for global Gadolinium Neutron Capture Therapy (GdNCT) market. Both quantitative and qualitative analyses are presented by company, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Gadolinium Neutron Capture Therapy (GdNCT) market size and forecasts, in consumption value (\$ Million), 2020-2031

Global Gadolinium Neutron Capture Therapy (GdNCT) market size and forecasts by region and country, in consumption value (\$ Million), 2020-2031

Global Gadolinium Neutron Capture Therapy (GdNCT) market size and forecasts, by Type and by Application, in consumption value (\$ Million), 2020-2031

Global Gadolinium Neutron Capture Therapy (GdNCT) market shares of main players, in revenue (\$ Million), 2020-2025

The Primary Objectives in This Report Are:

- To determine the size of the total market opportunity of global and key countries
- To assess the growth potential for Gadolinium Neutron Capture Therapy (GdNCT)
- To forecast future growth in each product and end-use market
- To assess competitive factors affecting the marketplace

This report profiles key players in the global Gadolinium Neutron Capture Therapy (GdNCT) 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 Gadomed, NanoGd Therapeutics, Kyoto University, Japan, Uppsala University, Sweden, China Institute of Atomic Energy (CIAE), Shanghai Jiaotong University, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market segmentation

Gadolinium Neutron Capture Therapy (GdNCT) market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for Consumption Value by Type and by Application. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Preclinical Research

Early Research

Market segment by Application

Brain Tumors

Liver Cancer

Others

Market segment by players, this report covers

Gadomed

NanoGd Therapeutics

Kyoto University, Japan

Uppsala University, Sweden

China Institute of Atomic Energy (CIAE)

Shanghai Jiaotong University

Market segment by regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia, Italy and Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia and Rest of Asia-Pacific)

South America (Brazil, Rest of South America)

Middle East & Africa (Turkey, Saudi Arabia, UAE, Rest of Middle East & Africa)

The content of the study subjects, includes a total of 13 chapters:

Chapter 1, to describe Gadolinium Neutron Capture Therapy (GdNCT) product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top players of Gadolinium Neutron Capture Therapy (GdNCT), with revenue, gross margin, and global market share of Gadolinium Neutron Capture Therapy (GdNCT) from 2020 to 2025.

Chapter 3, the Gadolinium Neutron Capture Therapy (GdNCT) competitive situation, revenue, and global market share of top players are analyzed emphatically by

landscape contrast.

Chapter 4 and 5, to segment the market size by Type and by Application, with consumption value and growth rate by Type, by Application, from 2020 to 2031

Chapter 6, 7, 8, 9, and 10, to break the market size data at the country level, with revenue and market share for key countries in the world, from 2020 to 2025.

and Gadolinium Neutron Capture Therapy (GdNCT) market forecast, by regions, by Type and by Application, with consumption value, from 2026 to 2031.

Chapter 11, market dynamics, drivers, restraints, trends, Porters Five Forces analysis.

Chapter 12, the key raw materials and key suppliers, and industry chain of Gadolinium Neutron Capture Therapy (GdNCT).

Chapter 13, to describe Gadolinium Neutron Capture Therapy (GdNCT) research findings and conclusion.

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