

Ablation Antenna Unit Market to Reach \$0.5 Billion, Globally, by 2033 at 4.8% CAGR: Allied Market Research

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EINPresswire.com/ -- Increasing prevalence of chronic diseases, rising preference for minimally invasive procedures, and growing awareness among patients and healthcare providers about the benefits of ablation therapies are the major factors which drive the global market growth.



Allied Market Research published a report, titled, "[Ablation Antenna Unit Market](#) by Type (15 CM, 20 CM, 30 CM and Others), Application (Cardiovascular, Oncology and Others), and End User (Hospitals, Research Laboratories and Others): Global Opportunity Analysis and Industry Forecast, 2024-2033". According to the report, the ablation antenna unit market was valued at \$0.3 billion in 2023, and is estimated to reach \$0.5 billion by 2033, growing at a CAGR of 4.8% from 2024 to 2033.

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Prime determinants of growth

Increasing prevalence of chronic diseases, rising preference for minimally invasive procedures, and growing awareness among patients and healthcare providers about the benefits of ablation therapies are the major factors that drive the growth of the ablation antenna unit market growth. However, the high cost of ablation equipment restricts the market growth. Moreover, ongoing advancements in antenna design, materials, and software are enhancing the precision, efficacy, and safety of ablation procedures which offer remunerative opportunities for the expansion of the global ablation antenna unit market.

Report coverage & details

Report Coverage

Details

Forecast Period

2024–2033

Base Year

2023

Market Size in 2023

\$0.3 billion

Market Size in 2033

\$0.5 billion

CAGR

4.8%

No. of Pages in Report

228

Segments Covered

Type, Application, End User, and Region.

Drivers

Increasing prevalence of chronic diseases

Rising preference for minimally invasive procedures

Growing awareness among patients and healthcare providers

Opportunity

Growth opportunities in emerging markets

Advancements in ablation devices

Restraint

High cost of ablation equipments

Segment Highlights

Significant contribution of the 15 cm segment in ablation antenna units market.

By type, the 15 cm segment plays a significant role in ablation antenna units market. This is attributed to its versatility and suitability across various medical procedures. It strikes a balance between depth of penetration and maneuverability, making it effective for treating a wide range of conditions from tumors to cardiac arrhythmias. The segment benefits from ongoing technological advancements, enhancing its precision and safety in minimally invasive procedures.

Rise in demand for ablation antenna unit technology in oncology segment

Ablation procedures are extensively used in oncology for the treatment of various types of tumors, including liver, lung, kidney, and bone tumors. Radiofrequency ablation (RFA) and microwave ablation (MWA) are commonly employed techniques in oncological settings due to their effectiveness in targeting and destroying cancerous tissues while minimizing damage to

surrounding healthy tissue. Advancements in antenna design and imaging technologies continue to enhance the precision and efficacy of ablation treatments in oncology. The segment benefits from a growing incidence of cancer globally and increasing preference for minimally invasive treatment options among patients and healthcare providers.

Rise in demand for ablation antenna unit in hospital settings.

By end user, the hospitals segment held a substantial portion of the ablation antenna unit market share. Hospitals are equipped with the infrastructure and specialized facilities required to perform ablation procedures effectively. They provide a controlled environment conducive to complex medical interventions, including radiofrequency ablation (RFA) and microwave ablation (MWA), which are commonly used in various medical specialties such as oncology, cardiology, and neurology. In addition, hospitals serve as centers of excellence where multidisciplinary teams collaborate to deliver comprehensive patient care, further driving the demand for ablation antenna units.

Regional Outlook

North America Dominance by 2033

North America is poised to maintain its leadership in the ablation antenna unit market owing to well-established healthcare infrastructure, advanced medical technology adoption, and significant investments in research and development. Moreover, high healthcare expenditure and favorable reimbursement policies support widespread adoption of innovative ablation technologies further supports the market growth. Further, strategic initiatives by key market players, coupled with regulatory support for new technologies, further contribute to North America's dominance in the global ablation antenna unit market.

Players

Medtronic

AngioDynamics

Terumo Corporation

□Canyon Medical Inc.

GE Healthcare

Mermaid Medical

Varian Medical Systems, Inc. □

ECO Medical

MedWaves Inc.

ATRICURE, INC.□

The report provides a detailed analysis of these key players in the global ablation antenna unit market. These players have adopted different strategies such as partnership, contract and others to increase their market share and maintain dominant shares in different regions. The report is valuable in highlighting business performance, operating segments, product portfolio, and strategic moves of market players to showcase the competitive scenario.

Recent Development in Ablation Antenna Unit Industry

In February 2020, Mermaid Medical announced the signing of a 3-year exclusive contract with CANYON in Spain, UK, and the Netherlands for Microwave Ablation Technology.□

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