

# MRI-Safe CRT Devices Market Poised for 9.6% Growth A Vital Step in Securing the Future of Cardiac Care

*MRI-safe CRT devices set to revolutionize imaging and cardiac safety, driving growth for manufacturers through 2035.*

NEW YORK, DE, UNITED STATES, August 18, 2025 /EINPresswire.com/ -- The global [MRI-Safe CRT Devices Market](#) is on track to achieve remarkable growth, with a projected increase from USD 724.8 million in 2025 to USD 1,812.6 million by 2035. This expansion, representing a compound annual growth rate (CAGR) of 9.6%, underscores the pivotal role of MRI-compatible devices in shaping the next generation of cardiac care.

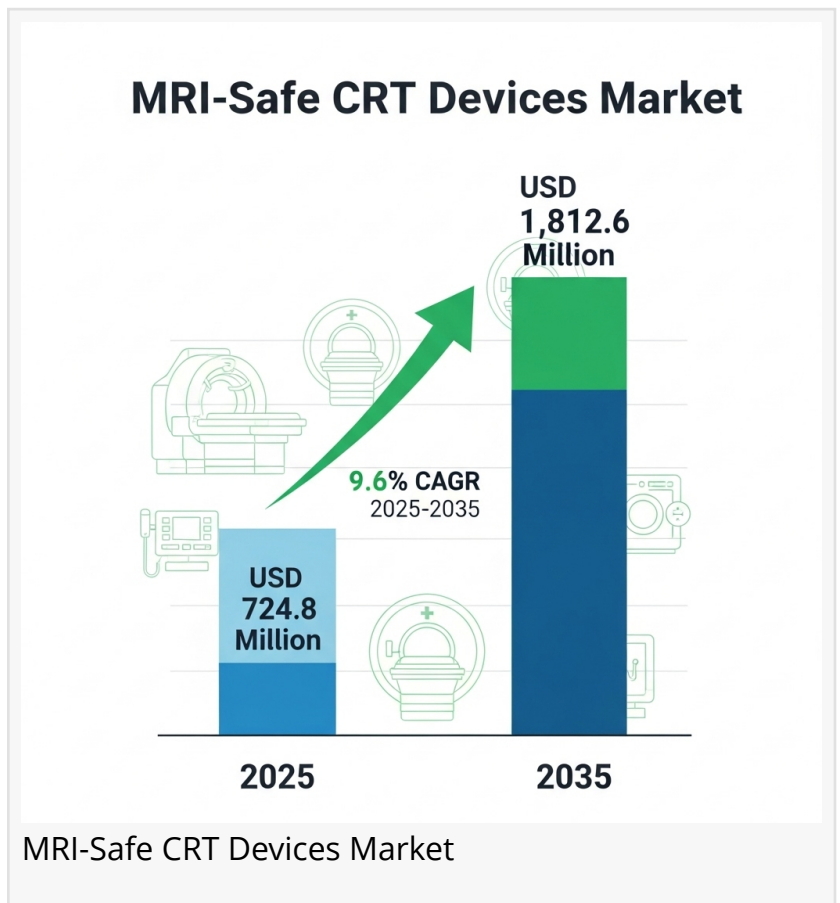
For manufacturers, this signals not only heightened demand but also an opportunity to lead the industry by addressing the dual challenges of cardiac health and imaging safety.

## Solving Critical Challenges for Patients and Providers

Cardiac care is increasingly complicated by the need for precise imaging. For patients with implanted devices, undergoing MRI scans has traditionally been a source of risk. MRI-safe CRT devices solve this critical challenge by incorporating non-ferromagnetic materials, adaptive pacing algorithms, and enhanced shielding, ensuring stability and safety during scans.

By offering devices that eliminate the trade-off between advanced imaging and life-saving therapy, manufacturers can directly support hospitals and cardiologists in enhancing patient care outcomes.

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MRI-safe CRT devices offer manufacturers a direct path to growth by aligning patient safety with advanced cardiac innovation.”

*Sabyasachi Ghosh*

### Defibrillator Segment Leads Market Momentum

Within the product landscape, the defibrillator segment is expected to capture 54.1% of market revenue in 2025. The dual therapeutic capabilities of these devices—delivering both resynchronization and defibrillation—make them indispensable for patients at high risk of arrhythmias.

Innovations such as MRI conditional labeling, extended battery life, and algorithm-based shock delivery are fueling adoption, reinforcing the dominance of this segment.

For manufacturers, this provides a strong case for continued investment in defibrillator innovation as hospitals increasingly prioritize devices that balance diagnostic safety with therapeutic reliability.

### Geriatric Care Anchors Market Growth

The geriatric segment is projected to contribute 67.3% of global revenues in 2025, driven by the high prevalence of heart failure and conduction disorders among aging populations. With extended life expectancy and increased healthcare access, older adults present a significant demand base for MRI-safe CRT devices.

This trend highlights the importance for manufacturers to develop solutions tailored for elderly patients, including simplified programming, remote monitoring, and reduced procedural risks. By doing so, manufacturers can align their offerings with one of the most stable and expanding patient demographics worldwide.

### Cardiomyopathy as a Driving Indication

Cardiomyopathy is projected to represent 28.4% of market revenue in 2025, positioning it as the leading indication for MRI-safe CRT devices. With frequent cardiac imaging required to monitor disease progression and therapy response, MRI compatibility is essential. Device innovation in this segment not only improves survival rates but also helps reduce hospitalization costs, strengthening its appeal across healthcare ecosystems.

For device manufacturers, prioritizing cardiomyopathy solutions represents a clear pathway to capture market share while delivering measurable clinical impact.

### Regional Performance Signals Diverse Opportunities

North America is set to dominate with a 39.9% market share in 2025, driven by advanced

healthcare infrastructure and high disposable incomes. Europe follows with 30%, supported by strong government-led awareness campaigns and rapid adoption of cardiac technologies. Emerging economies across Asia-Pacific and beyond present additional opportunities, as urbanization and healthcare investments accelerate device accessibility.

These regional dynamics emphasize the need for manufacturers to adopt localized strategies, balancing innovation with affordability to meet the needs of diverse patient populations.

### Market Dynamics Favor Long-Term Adoption

Beyond patient health benefits, MRI-safe CRT devices are reshaping healthcare economics. By reducing hospitalizations, improving morbidity rates, and enhancing diagnostic access, they deliver both clinical and financial advantages. Increasing awareness programs on cardiovascular health are also expanding the adoption base.

However, challenges remain. High device costs and a shortage of skilled professionals can slow adoption, while concerns about infection or material sensitivity require ongoing R&D attention. Manufacturers that address these barriers directly will stand out as leaders in an increasingly competitive market.

### Industry Leaders and Innovation in Focus

Key players—including Abbott, Medtronic, Boston Scientific, Cook Group, Philips, LivaNova, MicroPort Scientific, BIOTRONIK, Medico, and Qinming Medical—are driving the evolution of MRI-safe CRT devices. Recent advancements, such as smartphone connectivity for patient monitoring and updated mobile applications for real-time physician-patient engagement, reflect the industry's commitment to combining safety with convenience.

The innovation pipeline is further strengthened by start-ups like Cardiac Dimensions, which are developing complementary technologies to enhance resynchronization therapy. For manufacturers, partnerships, collaborations, and strategic R&D investments represent the cornerstone of future growth.

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### A Market Built for the Future of Care

The MRI-safe CRT devices market represents more than revenue growth—it signifies a transformation in how cardiac care and imaging safety are integrated. For manufacturers, the path forward is clear: develop cost-effective, reliable, and patient-centered solutions that meet the rising global demand.

As the industry moves toward 2035, those who invest in innovation, address patient-specific

needs, and expand access across regions will shape the future of cardiac care while securing sustainable growth.

Editor's Note: This press release is intended for informational purposes only. It should not be considered as financial advice or medical guidance.

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