
Strategic Partnership Between Siemens & Imricor to Improve Procedures with MRI Scans of the Heart



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- Collaboration to develop an integrated solution for treating arrhythmia
 - The shared goal is to increase precision and improve treatment outcomes

Siemens Healthineers is joining forces with U.S.-based Imricor Medical Systems, Inc. to develop an integrated solution that combines the clinical benefits of real-time MRI scans with 3D-guided cardiac ablation. MRI-compatible devices are planned to be able to translate information on cardiac conduction, morphological substrates and individual patient anatomy into better treatment outcomes. This approach will potentially enable electrophysiologists around the world to treat heart arrhythmia without radiation and to use the visualization of soft tissue information obtained through MRI for this purpose.

"We are very excited about this development partnership, since it is changing the way how we look at ablation and its resulting physiological effects for higher precision and better treatment outcome," explains Dr. Philipp Fischer, head of Cardiology at Siemens Healthineers. Steve Wedan, CEO of Imricor Medical Systems, Inc. describes the partnership's objectives: "We are thrilled to partner with Siemens Healthineers with a goal of delivering comprehensive solutions for MRI-guided ablations. Together, we look forward to providing patients and physicians with MRI-compatible devices from Imricor that are fully integrated with Siemens' iCMR-EP labs around the world. Our shared goal is to unlock the potential of interventional MRI for electrophysiology by providing better, faster, and less expensive treatment options."

Electrophysiology is one of the fastest growing fields within cardiology, especially the interventional therapy of complex arrhythmia such as atrial fibrillation (AFib/AF) and ventricular tachycardia (VT). The intervention itself involves inserting a special catheter into the heart to treat a cardiac conduction defect, a complex procedure in which optimum imaging is essential. "This partnership is planned to help us better translate patients' individual pathophysiology into personalized treatment approaches. MRI guidance will not only minimize radiation exposure to patients and EP staff. This technology will enable more detailed insights into the target anatomy and tissue properties, and holds the potential to improve clinical outcomes in arrhythmia therapy," explains Dr. Christoph Zindel, Senior Vice President and General Manager of Magnetic Resonance Imaging at Siemens Healthineers. "Together with our partner Imricor, we are committed to further developing EP solutions for the benefit of the rising population of arrhythmia patients".

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