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## Grant to support firm's imaging product

Minneapolis / St. Paul Business Journal - by [Katharine Grayson](#) Staff Writer

**Imricor Medical Systems Inc.**, a startup that's crafting imaging technology for cardiac specialists, has received a \$920,000 federal grant through the National Institutes of Health that it will use to fund product development.

The Burnsville firm is tackling a problem facing cardiac electrophysiologists who use an ablation technique to treat atrial fibrillation. During an ablation procedure, an electrode is used to destroy electric pathways in the heart that are causing an abnormal heart rhythm. Current X-ray-based imaging technology, however, makes it difficult for specialists to see if they were successful in destroying the tissue, said Steven Wedan, president and CEO of Imricor.

Imricor is using a mix of magnetic resonance imaging, software and other technology to give electrophysiologists a better view of the heart during ablation procedures. Most importantly, its products allow specialists to see lesions, which serve as evidence that tissue was effectively burned, said Wedan, who most recently worked as a consultant to Guidant Corp. Images of the heart also can be viewed in real time.

Imricor's products are based on research done at **Johns Hopkins University**. The technology has been researched there for more than a year.

The NIH funding, which is spread across two years, should take Imricor through its product development phase and allow the firm to seek additional capital from private investors, Wedan said. Imricor raised about \$500,000 in seed capital last year.

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Company: Imricor Medical Systems Inc.

CEO: Steven Wedan

City: Burnsville

Business: Medical imaging technology

Employees: 4

Revenue: Development stage