



Established: **2016**

Employees: **4**

Medical Device company

Milestones

Founded

February 2016

NIH Phase I SBIR

September 2018

First employees

January 2019

Licensed IP from

University of Arizona

September 2019

Management Team & Advisors

Mission & Vision

ElectroSonix™ is developing noninvasive, high resolution cardiac imaging technologies that will benefit millions of patients with abnormal heart rhythms.

Market Opportunity

- >30M patients with cardiac arrhythmias
- >1M catheter ablation procedures/year
- \$4.5B cardiac ablation market 14% CAGR

Intellectual Property

- 2 granted US patents
 - US 8,057,390 High-resolution mapping of bio-electric fields
 - US 8,427,906 Acoustic sensor utilizing acoustoelectric effect
- 3 filed PCT patents

Advantages

Orders of magnitude improvement in imaging speed and accuracy over competition. Which will result in reduction of repeat surgeries and billions in savings.

Product

We are building real-time, high-resolution imaging system of electrical signals in the heart for feedback during ablation therapy. With faster and more accurate electrical mapping, this will reduce the number of ablations per procedure, procedure time, return procedures, as well as serious complications.

Ultrasound/Acoustoelectric Cardiac Imaging (ACI)



Rocky Arnold, PhD
CEO

Entrepreneur, author, computer scientist, commercialization, medical devices, manufacturing



Russ Witte, PhD
Co-Founder & CSO

Assoc. Professor, Medical Imaging, Optical Sciences & Biomedical Engineering, UA



Sonia Vohnout
Co-Founder & COO

Entrepreneur, business development, systems engineering, project management

Scientific Advisors

Aiden Abidov, MD, PhD
Talal Moukabary, MD
Matt O'Donnell, PhD

Business Advisors

Pete Aman, MBA, Medical Devices
Michael Usrey, PhD, Business Dev.
Tech Launch Arizona (TLA)