

Canary Completes First-in-Human Trial of Cardiac Auscultation Monitoring Sensor



- *The Cardiac Auscultation monitoring device was trialed for use with heart failure patients as an adjunct to care in monitoring the effectiveness of congestive heart failure medication management*
- *The limited clinical trial represents the first human implantation of a cardiac auscultation sensor device*
- *Heart failure affects one in five people, with half dying within five years of diagnosis*

VANCOUVER, BC – February 12, 2024 – Canary Medical, a medical data company focused on the development and commercialization of its patented implantable sensor technology and complementary data and analytics ecosystem, today announced the completion of the first-in-human limited feasibility trial of their Cardiac Auscultation (Acoustic) monitoring sensor device. The device is being developed as a first-in-class implantable sensor to provide daily adjunctive objective cardiac parameter measurements enabling patients and clinicians to better manage their congestive heart failure symptoms with current medication management tools. This trial, conducted in Paraguay, represents the first successful human implantation of a cardiac auscultation sensor device.

The first-in-man trial was designed to ascertain the sensitivity, specificity and final design specifications of the device’s microphone system. The trial was completed successfully on two patients and demonstrated mitral regurgitation sound signals are visible by the sensor when compared to normal acoustic heart signals.

“Today Canary Medical announced the first step in expanding our sensor technology applications outside of orthopedics. The Cardiac Auscultation monitor is just one of the exciting new products that will drive the future growth of our Company,” said Bill Hunter, M.D., Founding Member and Chief Executive Officer of Canary Medical. “Congratulations to our world-class research and development team and thank you to the individuals who were the first to receive this new technology. While these are early results, we believe that the future is bright for patients who will benefit from Canary’s expanded sensor portfolio in the years to come.”

The U.S. heart failure market is projected to be \$70B annually by 2030. One in five people will develop heart failure in their lifetime with half of patients dying within five years of their diagnosis.

About Canary Medical

Canary Medical is a medical data company focused on the development and commercialization of its patented implantable sensor technology and complementary data and analytics ecosystem. In 2021, Canary Medical introduced canturio™te, the world’s first “smart knee” tibial extension, which is implanted in the body where it monitors patient activity and joint performance, and transmits data to the cloud, autonomously, requiring almost no patient compliance or physician involvement. The Company was conceived and created with the vision

that healthcare transformation requires reliable and cost-effective healthcare data and that the effective monitoring and analysis of that data will produce better outcomes for patients at lower costs. Canary Medical is led by a team of experienced entrepreneurs, researchers and data scientists globally regarded for their expertise in medical device design, development and data informatics.

For more information contact us at admin@canarymedical.com or visit www.canarymedical.com. Follow Canary Medical on Twitter at [@CanaryMedical](https://twitter.com/CanaryMedical).

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