

Accelerating Innovations into CarE – Validate Program (AICE-Validate)



Wound³ - Mobile Friendly Chronic Wound Scanning & Analysis

PROJECT FAST FACTS

RECIPIENT: Fabri Sciences Inc.

AWARD: \$300,000

AWARD DATE: July 18, 2023

PROJECT DURATION: 24 months

THE PROBLEM

Traditional wound measurement systems help clinicians evaluate wound progress, like size, depth and other relevant details. Current evaluation methods are outdated and ineffective, posing serious challenges to patients and healthcare providers. Globally, chronic wounds affect 40 million people leading to substantial healthcare costs- \$3.9 billion in Canada and \$50 billion in the United States. Chronic wounds are not only costly but can also cause severe complications. In Alberta, one-third of all amputations result from diabetic foot wounds, and bed sore-related complications cause 60,000 American deaths. Traditional wound care relies on a checkup model where patients visit a clinic for a dressing change or assessments. This procedure is slow, hampering progression monitoring and data collection, both crucial factors in making patient care decisions.

THE SOLUTION

Fabri Science developed Wound³, a user-friendly app using artificial intelligence for mobile 3D wound scanning, charting and automatic symptom tracking. The technology allows contactless, continuous care and monitoring of wounds using a smartphone. By transforming an everyday device into a powerful medical scanning tool, Wound³ puts patients in control of their care. Physicians can access unprecedented levels of quality information to make more effective care decisions. As part of the decentralized precision medicine revolution, Wound³ offers medical imaging that allows patients to take regular scans of their wounds, gaining instantaneous measurements and feedback on healing progress over time and securely sharing medical-grade data with their healthcare providers.

PROJECT OBJECTIVES

- *Acquire numerous beta-launch clients and secure letters of interest from institutional clients.*
- *Complete a clinical study and related regulatory compliance checks to enable legally compliant deployments for incrementally large clients.*
- *Develop features, processes, and strategies that enable scalable commercialization amongst both small and large deployments, including large healthcare networks and enterprise-level deployments.*

ABOUT THE AICE-VALIDATE PROGRAM

AICE-Validate is an opportunity for Alberta's health-tech innovators to accelerate commercialization of digital and data-enabled health technologies through the early validation phase. If you'd like to learn more, please check out [AICE Validate on the Alberta Innovates website](#).

Learn how

albertainnovates.ca