

Enabling Better Health through Artificial Intelligence (AI – Better Health)



Prioritizing Patient Care & Managing Physician Burnout Using Artificial Intelligence

PROJECT FAST FACTS

RECIPIENT: Mikata Health Inc., Kyle Nishiyama

PROJECT DURATION: 24 months

AWARD: \$800,000

AWARD DATE: March 15, 2024

THE PROBLEM

Physician burnout is at all-time high, with nearly half their day spent on administrative tasks like charting and paperwork, and additional personal time spent on clerical work. This burdensome workload affects not only doctors but also their staff, and leads to reduced patient interaction and increased physician burnout. The administrative burden diminishes the quality of patient care, strains doctor-patient relationships and contributes to system inefficiency. Statistics Canada estimates that over 500,000 Albertans do not have access to a regular family doctor, making it crucial to optimize physician time and capacity to better serve their communities. Hiring scribes is a potential solution to enhance physician satisfaction and efficiency, but this solution is often impractical due to high costs, training needs and high turnover rates.

THE SOLUTION

Mikata Health Inc. is developing an easy-to-use artificial intelligence (AI)-powered assistant and scribe providing accurate, organized, real time notes. The technology is also capable of sending customized text messages for appointment reminders, instructions and pre-visit conversations, helping patients get the most out of their medical appointments. Clinics can reduce no-shows and improve personalized care while automation frees physicians to focus more on patients and less on work that leads to inefficiencies and burnout. Mikata Health Inc. will work closely with rural clinical test sites, which face critical physician shortages and long wait times. Reducing administrative burdens in these areas is especially valuable.

PROJECT OBJECTIVES

Mikata Health Inc. is working to achieve the following goals:

- **Increase Efficiency and Reduce Burnout:** Use AI scribes to cut down on doctors' administrative tasks, allowing more patient interaction and reducing burnout.
- **Ensure Privacy and Build Trust:** Implement strong privacy and safety measures to protect data, comply with legal standards, and build trust in AI use.
- **Enhance Data Integration:** Develop models for seamless data sharing across healthcare systems, improving efficiency and patient care.

The logo for Mikata Health Inc. features the word "mikata" in a lowercase, rounded, sans-serif font. The letter "i" has a small green dot above it, and the letter "a" has a small red dot above it.

[Learn more about Mikata Health Inc.](#)

ABOUT THE ENABLING BETTER HEALTH THROUGH ARTIFICIAL INTELLIGENCE (AI-BETTER HEALTH) PROGRAM

AI-Better Health bridges the gap between the promise and the reality of better health for Albertans. If you'd like to learn more, please check out the Alberta Innovates website.

Learn how

albertainnovates.ca