

Catalyzing The New Health Economy

Annual Report – Executive Committee Edmonton City Council

March 1, 2021

Health City Builds Platforms to Scale Companies

- Synthetic Data
- Integrating Companies into AHS
- Virtual Care through PCNs

Synthetic Data Team

Sponsors Partners







ALBERTA PROJECT VALIDATES FIRST SYNTHETIC HEALTH DATASET IN PROVINCE

Home | Business News | CBJ Newsmakers | Alberta Project Validates First Synthetic Health Dataset in Province



Phase I – completed, publication forthcoming









Office of the Information and Privacy Commissioner of Alberta



Original Data

Provincial
Registry and Vital
Statistics

Pharmaceutical Information Network

Ambulatory Care Classification system Discharge Abstract Database

n = 300,000

Physician Claims

Lab Data

Demographics
Age
Sex
Time to last day of follow-up available
Comorbidity score (elixhauser)

Drugs

Dispensed amount quantity

Relative dispensed time in days

Dispensed day supply quantity

Morphine use (binary)

Oxycodone use (binary)

Antidepressant use (binary)

Visits (ED)

Relative admission time in days

Problem code 1

Problem code 2

Resource intensity weights

Admissions (Hospital)

Relative time admitted in days

LOS

Diagnosis code 1

Diagnosis code 2

Resource intensity weight

Lab
Test name
Test result (integer)
Relative time in days lab taken

Claims
Primary diagnosis code
Provide specialty
Relative service event start date

Random sample n = 100,000 Morphine or Oxycodone Dispensation (2yr) Longitudinal 7-year window

National Conference On Data – Panel on Health Data





CITYAGE

HHM Central Zone PCN – July 7th, 2020



National Model for Stability of Care for Chronic Disease Management



Women / Seniors / Men / Local News / Family & Child

'Information in front of us:' Homebased health monitoring trial for rural patients

Jeff Labine
Jul 26, 2020 • Last Updated 1 month ago • 2 minute read











Virtual Care in LTC Facilities led Pharmacists





Virtual Care Pharmacy Services Offered in Alberta Long-Term Care Facilities

Patients and Care Teams Across Alberta Increase Connectivity with Virtual Care Platform











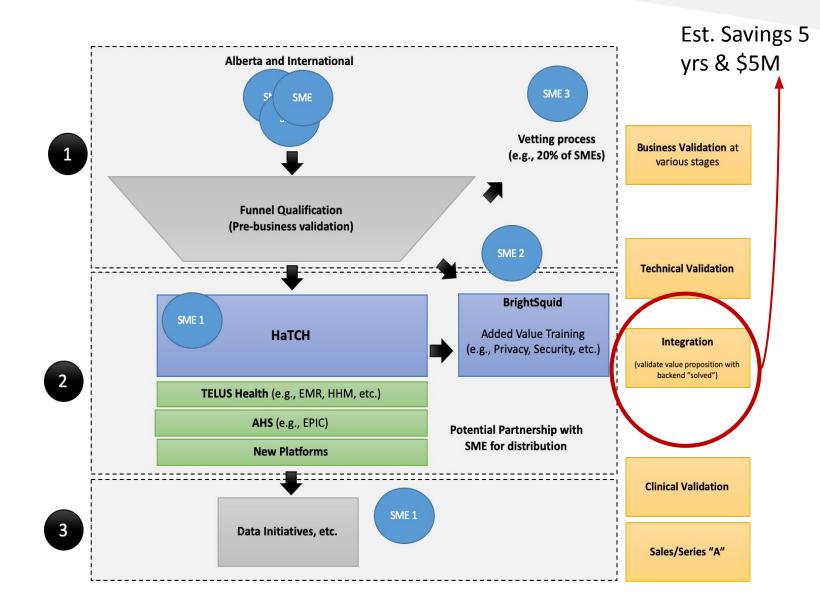




BRIGHTSQUID







Pre-HaTCH Program Applicants































Digital Imaging Remote Dx Pathway – May 2020

Edmonton Innovator Develops World-Class Technology to Drive Better Outcomes-

Edmonton, AB, May 26, 2020 – Health City is pleased to announce a collaboration between MEDO.ai, WestView Primary Care Network and Alberta Innovates to initiate a key pilot study of MEDO.ai's artificial intelligence-augmented 3D ultrasound platform.

Edmonton-based MEDO.ai, following their "Engineering of the Future" award from Falling Walls Venture 2019 in Berlin, and has been accepted into the Alberta Innovates' Accelerating Innovation into Care (AICE) – Market Access Program. AICE is a key entrepreneurial ecosystem support program that provides digital health tech companies in Alberta with the opportunity to implement their innovative solutions in a real-world setting anywhere in North America.









Paul First Nation





Accelerating Innovations into CarE (AICE)

MEDO.ai FDA Clearance

Canadian Business Journal

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Home | Business News | CB| Newsmakers | MEDO.ai receives FDA approval to automatically detect hip dysplasia, preventing the leading cause of early hip osteoarthritis and hip replacement surgery

MEDO.AI RECEIVES FDA APPROVAL TO **AUTOMATICALLY DETECT HIP DYSPLASIA, PREVENTING** THE LEADING CAUSE OF EARLY HIP OSTEOARTHRITIS AND HIP REPLACEMENT SURGERY

















Health City: Transforming Health & Driving Economic Development

Innovation Issue – January 2021



SAGE Public Health

Fri, 27 November 2020

Transforming health and driving economic development

Listen to the podcast by Reg Joseph, the CEO of Health City, as he discusses how Health City has worked with numerous stakeholders to develop new pathways of care that drive better outcomes and economic development in the health sector. He focuses on data, artificial intelligence and extended reality platforms. Health City is known for connecting industry and healthcare and focusing on innovation that can benefit both.



Additional Funds Brought in for Projects

Source	Amount Secured in 2020*
Federal Government (WD)	\$200,000
Provincial Government (AI)	\$800,000
Industry	\$1,076,000
Total	\$2.076M

^{*} Agreements confirmed in 2020 not all funds received in 2020

Thank You

