

CONNECTED camh

AGENDA

| # | Agenda Item | Time | Time Slot | Presenter |
|----|---|---------------------------|------------------|--|
| 1 | Arrival and Breakfast | 30 minutes | 8:30 – 9:00 am | |
| 2 | Introductions and Opening Remarks | 10 minutes 9:00 – 9:10 am | | Dr. David Gratzer |
| 3 | CAMH Overview | To minutes | 9.00 - 9.10 am | Dr. David Gratzer |
| 4 | CAMH's Journey Towards Digital Health Excellence | 20 minutes | 9:10 – 9:25 am | Dr. Tania Tajirian |
| 5 | Patient Engagement | 10 minutes | 9:25 – 9:40 am | Debra Orrell |
| 6 | What's Next? | 10 minutes | | |
| 7 | Digital Innovation Hub | 5 minutes | 9:40 – 9:45 am | Dr. Gillian Strudwick |
| 8 | Discussion | 5 minutes | 9:45 – 9:50 am | |
| | Travel | 10 minutes | 9:50 – 10:00 am | |
| 9 | Tour: Temerty Centre for Therapeutic Brain Intervention Networking Opportunity | 30 minutes | 10:00 – 10:30 am | Dr. Daniel Blumberger |
| | Travel | 5 minutes | 10:30 – 10:35 am | |
| 10 | Tour: CAMH Simulation Centre | 35 minutes | 10:35 – 11:10 am | Stephanie Sliekers Fabienne Hargreves |
| 11 | Closing Remarks | 5 minutes | 11:10 – 11:15 am | Dr. Tania Tajirian |
| 12 | Lunch Pick Up and CHIEF Executives Depart CAMH | 15 minutes | 11:15 – 11:30 am | |



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CAMH Land Acknowledgement

CAMH is situated on lands that have been occupied by First Nations for millennia; lands rich in civilizations with knowledge of medicine, architecture, technology, and extensive trade routes throughout the Americas. In 1860, the site of CAMH appeared in the Colonial Records Office of the British Crown as the council grounds of the Mississaugas of the New Credit, as they were known at the time.

Today, Toronto is covered by the Toronto Purchase, Treaty No. 13 of 1805 with the Mississaugas of the Credit.

Toronto is now home to a vast diversity of First Nations, Inuit and Métis who enrich this city.

CAMH is committed to reconciliation. We will honour the land through programs and places that reflect and respect its heritage. We will embrace the healing traditions of the Ancestors, and weave them into our caring practices. We will create new relationships and partnerships with First Nations, Inuit and Métis and share the land and protect it for future generations.

mental health <u>is</u> health



Our History

1998

4 institutions merge to form CAMH.





1850

Provincial Lunatic Asylum opens with 250 beds.

Today

Largest mental health and addictions hospital in Canada with 550 beds.



CAMH launches "Mental Health is Health".



2023

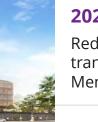
mental health is health

CAMH launches "No one left behind." Campaign

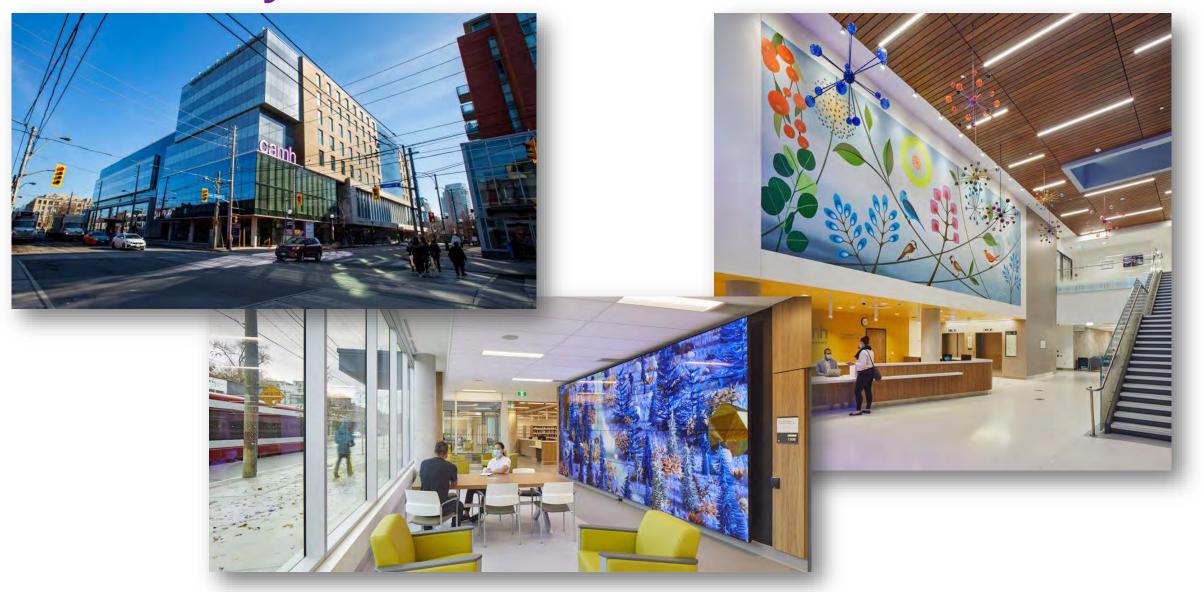


2024 Onwards

Redevelopment continues transforming CAMH. Mental Health is Health 2.0.



CAMH Today



Redevelopment: Recovery & Discovery

2024 kicks off the fourth, and final, stage of CAMH's historic redevelopment. Two new buildings will be constructed on the south east section of the Queen Street site:

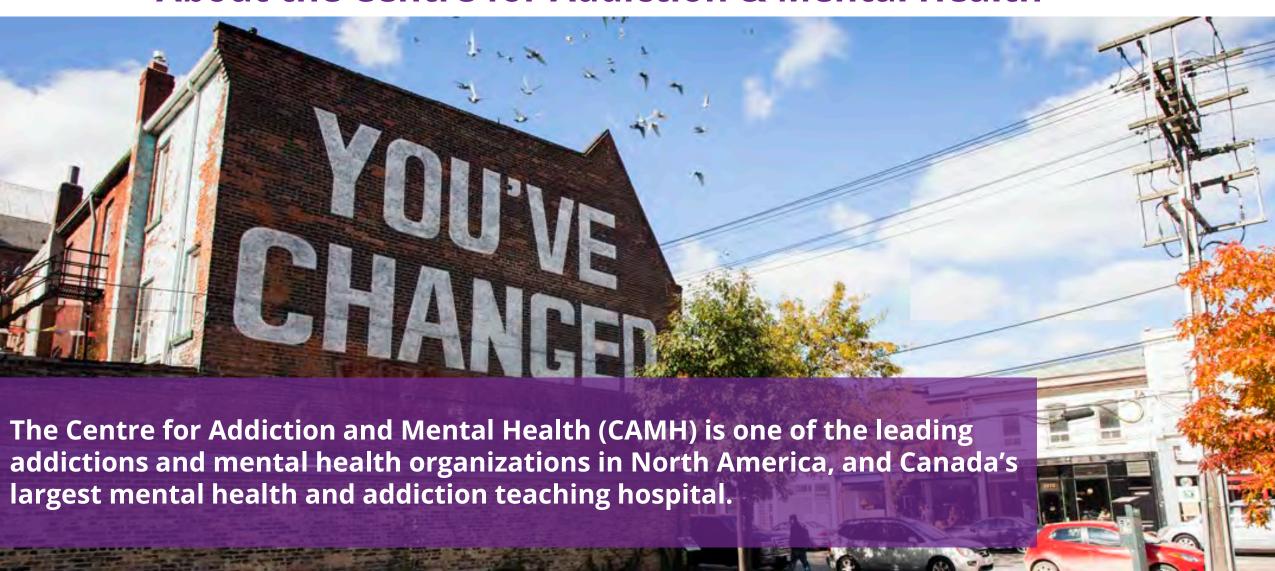


The **Secure Care and Recovery Building:** the forensic mental health service's new home.



The **Temerty Discovery Centre:** the new home of CAMH's world-leading research enterprise.

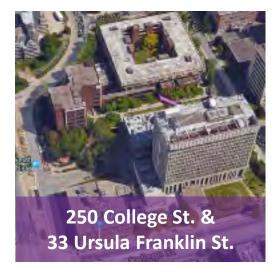
About the Centre for Addiction & Mental Health



CAMH Coverage and Outreach









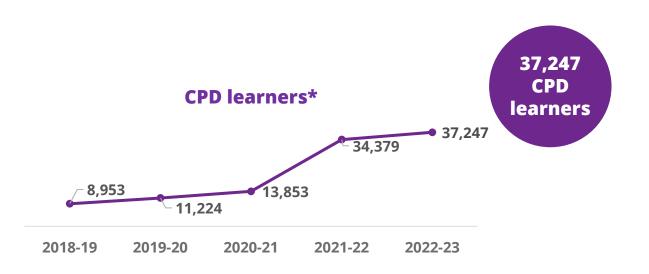
CAMH's National & Global Research Partnerships

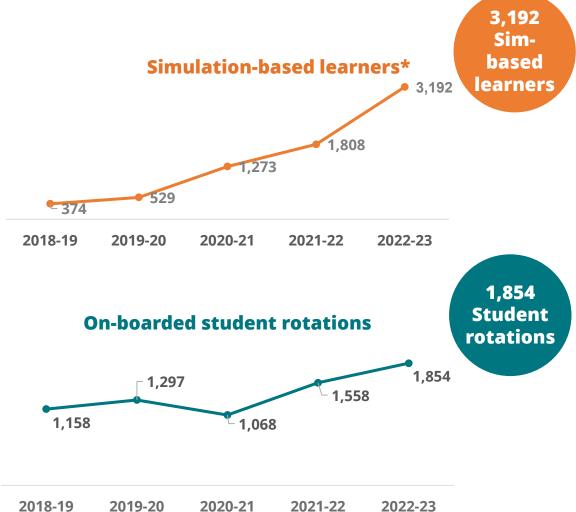




Continuing Professional Development (CPD) Learners - CAMH

Learners have increased significantly over the past 5 years





^{*} Learners are not unique and may have attended multiple courses

9-8-8

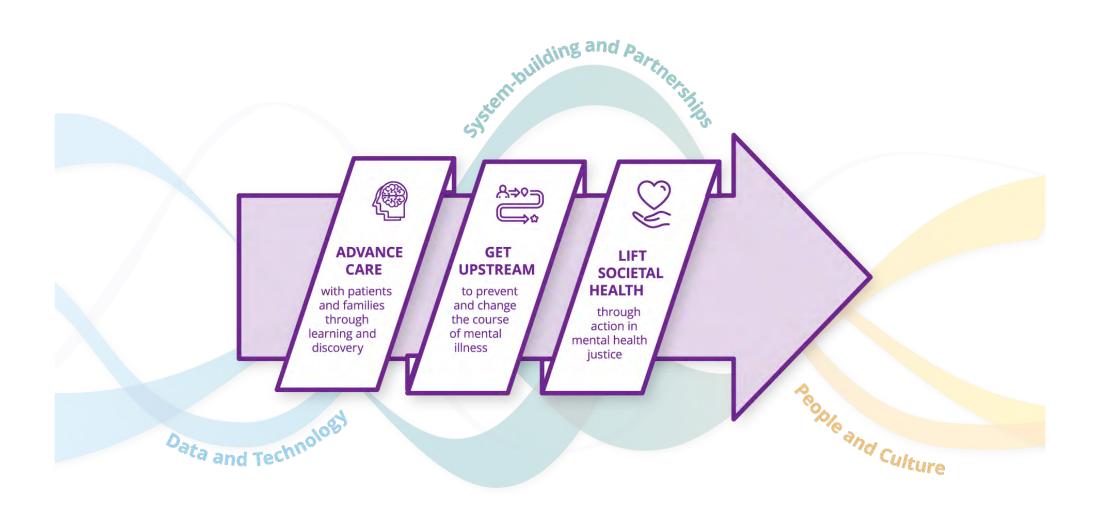
Suicide Crisis Helpline

About 9-8-8

- 9-8-8: Suicide Crisis Helpline, Canada's **new three-digit suicide prevention helpline**, launched November 30th, 2023.
- 9-8-8 is available in English and French by phone or text, 24/7/365
- The **Centre for Addiction and Mental Health (CAMH)** in Toronto, Ontario is leading and coordinating the delivery of 9-8-8 nationwide.
- Funded by the Government of Canada, through the Public Health Agency of Canada (\$158.4 million).



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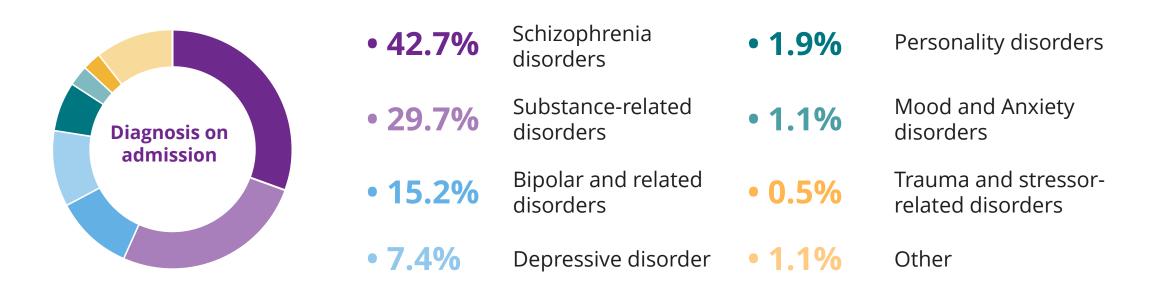




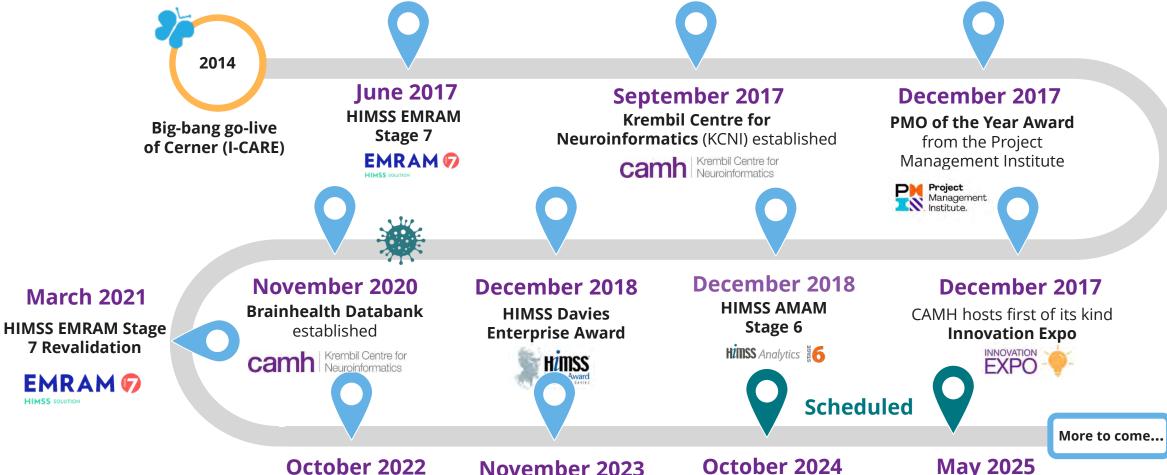
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CAMH Key Statistics 2023 - 2024

- 40,405 patients treated in 2023-2024
- Greater than 83,000 virtual care visits
- Greater than 16,000 Emergency Department visits
- 13,500 Ontario Structured Psychotherapy sessions
- 8,000 rTMS appointments (non-invasive brain stimulation for treatment-resistant mental illness)



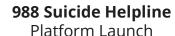
CAMH's Journey Towards Digital Health Excellence





Canadian Youth Mental Health Insight Platform Launch







October 2024

HIMSS EMRAM Stage 7 Revalidation (Scheduled)



May 2025

HIMSS AMAM Stage 7 Validation (Scheduled)

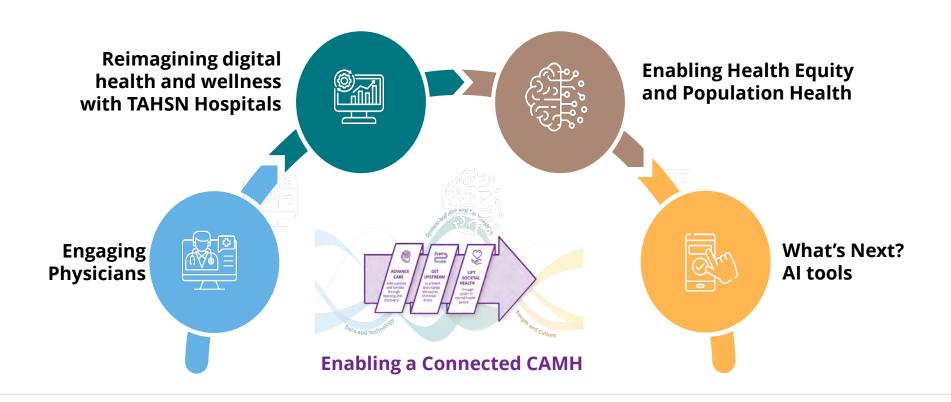


CHIO Portfolio



Enabling a Connected CAMH through Digital Health

The CHIO Office has been developing innovative approaches through unique collaboration, engagement and partnerships to realize the vision of Connected CAMH



Documentation Burden



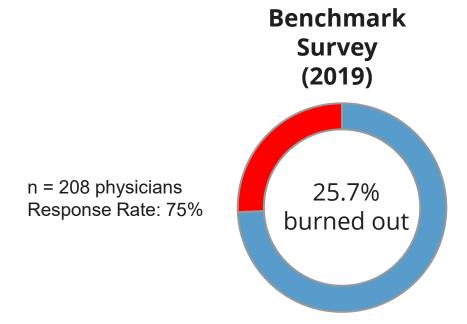


Documentation burden is defined as "the stress imposed by the excessive work required to generate clinical records of healthcare-related interactions, occurring as a result of the **imbalance** between the **usability** [of] and **satisfaction** [with] **systems of health records keeping** with **clinical and regulatory demands** of entering and consuming health records data." 1

Burden encompasses both *information retrieval* (to facilitate patient care as well as produce further documentation) and *the act of documenting*.

1. Rossetti, S.C., et al. 25x5 Symposium Drives Ongoing Efforts to Reduce Documentation Burden on U.S. Clinicians: Final Summary Report. 2021 Dec

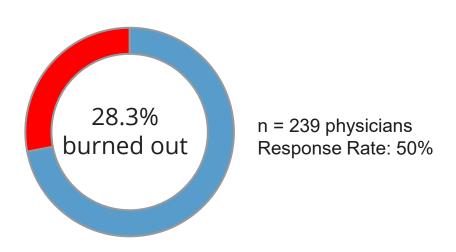
Bird's Eye View of Burnout at CAMH



Burnout was measured by a single question from the Mini-Z instrument, which was validated against the MBI with 83% sensitivity (87% specificity)

*Active Primary and Active Provisional Primary only

I-CARE Follow-up Survey (2023)



Identify your symptoms of burnout.

NOT BURNED OUT

l enjoy my work l am under stress

BURNED OUT

I am definitely burning out Symptoms of burnout wont go away I feel completely burned out

Physician Engagement Strategy

Strategy

Initiative

Improve physicians' experience by rapid handling of EHR issues

EHR SWAT Teams

Enhance physicians' engagement and leadership

• Physician Think Tank

Leverage accessibility to system use data and metrics to measure outcomes

Physician Use Profiles

Develop education, communication & informatics strategies

- Peer Education
- CMIO Newsletter
- Physician Portal
- Speech Recognition

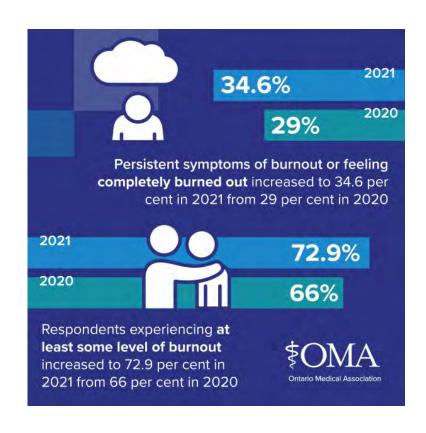
ENGAGE

INSPIRE

CHANGE

Source: Tajirian, T., Jankowicz, D., Lo, B., Sequeira, L., Strudwick, G., Almilaji, K., & Stergiopoulos, V. (2022). Tackling the burden of Electronic Health Record use among physicians in a mental health setting: Physician Engagement Strategy. Journal of medical Internet research, In Press

Ontario Medical Association - Burnout Task Force



- Streamline and reduce required documentation and administrative work
- 2. Ensure fair and equitable compensation for all work done
- Increase work-life balance by making organizational policy changes
- 4. Promote the seamless integration of digital health tools into physicians' workflows
- 5. Provide institutional supports for physician wellness

SWAT Initiative

Multidisciplinary team (physicians, nurses, pharmacy, laboratory) that meets clinicians to collect pain point, and address them in an agile manner.

Over 131 issues have been resolved, resulting in a more optimized EHR for mental health care.



SWAT Round 1

 Gather and organize change requests

SWAT Round 2

 Tailored Training and Education Session

SWAT Round 3

Accountability

JAMIA Open, 4(2), 2021, 1–7 doi: 10.1093/jamiaopen/ooab018 Case Report





Case Report

EHR "SWAT" teams: a physician engagement initiative to improve Electronic Health Record (EHR) experiences and mitigate possible causes of EHR-related burnout

Lydia Sequeira, ^{1,2} Khaled Almilaji, ¹ Gillian Strudwick, ^{1,2} Damian Jankowicz, ¹ and Tania Tajirian ^{1,2}

SWAT Team: Request Categorization (2020)

Source: Sequeira, L., Almilaji, K., Strudwick, G., Jankowicz, D., & Tajirian, T. (2021). EHR "SWAT" teams: a physician engagement initiative to improve Electronic Health Record (EHR) experiences and mitigate possible causes of EHR-related burnout. JAMIA open, 4(2), ooab018.





Green Requests

Fixes will be delivered within 6 weeks of submission to change control governance



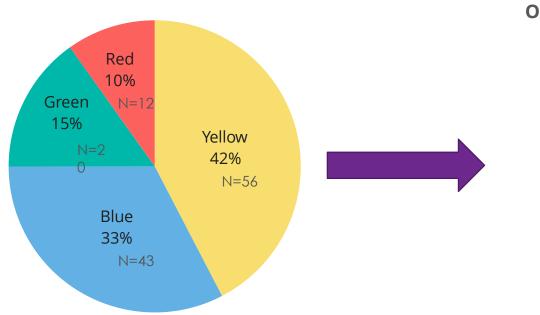
Yellow Requests

Request is applicable but needs time due to needed system upgrade or other requirement (On-Hold)

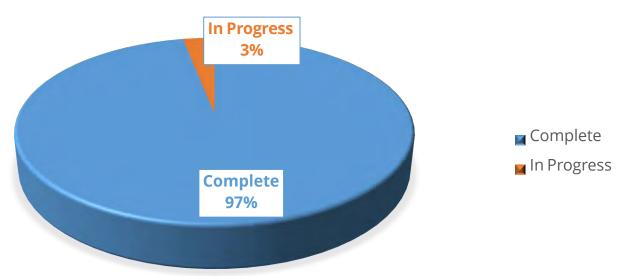


Red Requests

Change is not in scope, or not aligned with policies and regulations



OVERALL COMPLETION STATUS - FEBRUARY 2023



We collected **131** EMR Change Requests

Physician Leadership in Informatics: Physician Think Tanks (PTT)



CHIO (Chair)

Physicians 'Divisional Liaisons'

Clinical Informatics Nurses

Clinical Applications Team

Health Information

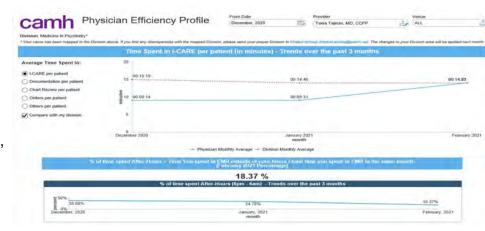
Management Pharmacy

Informatics Laboratory and

Diagnostics Professional

Practice Office

Enterprise Project Management Office





Goals



- Discuss new topics/changes relevant to practice (Feedback Table)
- Lead the improvements of EHR
- Provide physician feedback on new innovations and tools at CAMH (e.g., virtual care, HIE and now AI)

Key Success Factors



- Leadership Buy In
- Leadership in Informatics Development
- Governance (PTT part of it)
- Shared Accountability
- Training

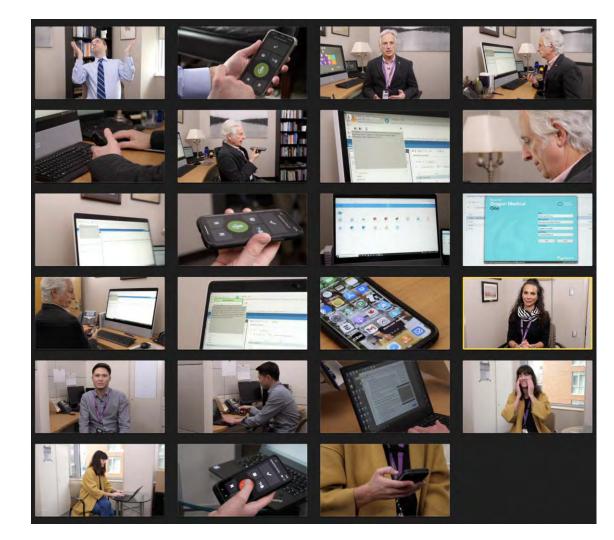
Tailored Training: Peer Education Videos

Developed by **physicians for physicians** and available on-demand

Contains topics that require education/training (identified from SWAT)

Short videos that are embedded as part of EHR training and refreshers





Reimagining Digital Wellness at System Level



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Recommendations at System Level

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Finding from Environmental Scan

Develop digital sub-committee with focus on digital tools integration (led by digital leads)

Ensure digital governance structures for engagement with front-line clinicians

Establish appropriate funding mechanisms to encourage engagement in digital initiatives

Need to develop a national standardized organizational Toolkit on Digital Wellness

Need to develop education on best documentation practices (Digital Minimalism)

Suggested Recommendation

Request leadership encourage digital committees/council are part of the governance structures.

Recommend providing protected time to participate in relevant activities (hourly OMA rate).

requirements as most sites have this ability (use of analytics).

Review organizational documentation related policies and invest in new digital tools such as generative AI.

Recommendations in Canadian Setting

Standardization of Documentation

Automation of Routine Tasks

Interoperability of Health Systems



Feedback Mechanisms

Training and Support

Policy and Regulatory Reforms

Enabling Health
Equity and Population
Health



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Hospital Medicine Innovation Hub: CAMH as a Leader in Integrated Physical Mental Health Care

> Healthc Q. 2023 Apr;26(1):38-44. doi: 10.12927/hcg.2023.27053.

Recommendations to Enhance Physical Health for Individuals with Severe Mental Illness in Canadian Healthcare Organizations

Tania Tajirian ¹, Cristina de Lasa ², Caroline Chessex ³, Brian Lo ⁴, Po-Yen Brian Chang ⁵, Rola Moghabghab ⁶, Dionne Sinclair ⁷, Damian Jankowicz ⁸, Sanjeev Sockalingam ⁹, Vicky Stergiopoulos ¹⁰

Affiliations + expand

PMID: 37144700 DOI: 10.12927/hcq.2023.27053



Summary of recommendations for developing an integrated care strategy for mental health settings

| Level | Recommendation | |
|--|---|--|
| System-level recommendations | Nursing training, upskilling and support to ensure confidence with physical care | |
| | Funding/support for increased allied health support for on-site physical care provision | |
| | Partnership with external organizations for access to investigations, subspecialists, hospitalist skills development and provision of care on site and/or at acute care centres | |
| Policy- and administrative-level recommendations | Organizational leadership support of data-driven health informatics initiatives that focus on physical healthcare needs | |
| | Internal policies and clinical workflows focused on the provision of evidence-based integrated physical healthcare | |
| | Internal and external bidirectional partnerships with a shared vision of a model of care | |

Interdisciplinary Collaborations: Colorectal Cancer Screening

Patients SMI receive less appropriate screening and treatment for colorectal cancer

First organization to implement colorectal cancer screening in a specialized mental health care setting for patients in Canada

Embedding the cancer screening pathway within EHR was critical for enhancing practice adoption

Team: Po-Yen (Brian) Chang, Satinder Kaur, Brian Lo, Cristina de Lasa





13%

Baseline screening rate for eligible patients

36%

Post-Implementation screening rate for eligible patients



Need for a Health Maintenance Page for Preventative Care



Continuity of Care in the Community Post-Discharge

Reference: Mahar, A. L., Kurdyak, P., Hanna, T. P., Coburn, N. G., & Groome, P. A. (2020). The effect of a severe psychiatric illness on colorectal cancer treatment and survival: A population-based retrospective cohort study. PLoS One, 15(7), e0235409. doi:10.1371/journal.pone.0235409

Women's Health QI Project

One of the first organization to develop dedicated pathways and collaborations (WCH) to increase women's health cancer screening for long-stay inpatients (Pap smears and mammograms).

Cervical Cancer Screening (Pap smears) 13
eligible



9 completed

70% Increase

Breast Cancer Screening (Mammograms)







44% Increase

Going for a Mammogram

What you need to know about breast screening

What is breast screening?

Breast screening means checking your breasts for early signs of cancer. Breast cancer is one of the most common cancers in the world. Finding it early is important because it means that treatment is more ilkely to work. Thanks to early screening, more people in Ontario survive breast cancer than almost every other cancer.

What is a mammogram?

A mammogram looks for breast cancer. It is a special





Link to Video: Mammogram Desensitization



Enabling a Learning Health System through Digital Innovation

Learning Health Systems



Triple Aim Quadruple Aim Quintuple Aim 2007 2014 2021 Better Health 1. Improved Patient 4. Clinician Experience 5. Health 2. Better Outcomes Well-Being Equity 3. Lower Costs Improved Economy

Itchhaporia D, et al. The Evolution of the Quintuple Aim. J Am Coll Cardiol. 2021 Nov, 78 (22) 2262–2264. https://doi.org/10.1016/j.jacc.2021.10.018

Nursing and Health Disciplines Engagement Strategy

Amplify nursing & health disciplines' engagement & leadership in digital health initiatives

Improve nursing & health disciplines' experience by rapid handling of I-CARE issues

Leverage accessibility to EHR usage data and metrics to measure outcomes

Enhance education, communication & digital health strategies

Interdisciplinary SWAT (2023 -2024)

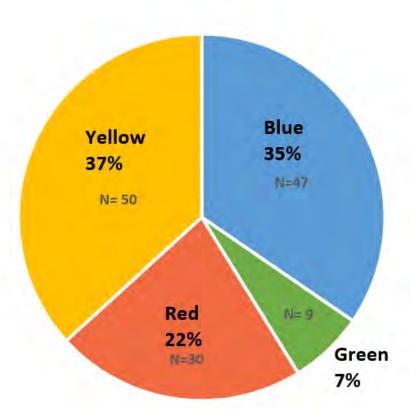
Blue Requests

Needs more training



Green Requests

Fixes will be delivered within stipulated time



We collected **136** EMR Change Requests

Source: Sequeira, L., Almilaji, K., Strudwick, G., Jankowicz, D., & Tajirian, T. (2021). EHR "SWAT" teams: a physician engagement initiative to improve Electronic Health Record (EHR) experiences and mitigate possible causes of EHR-related burnout. JAMIA open, 4(2), ooab018.



Yellow Requests

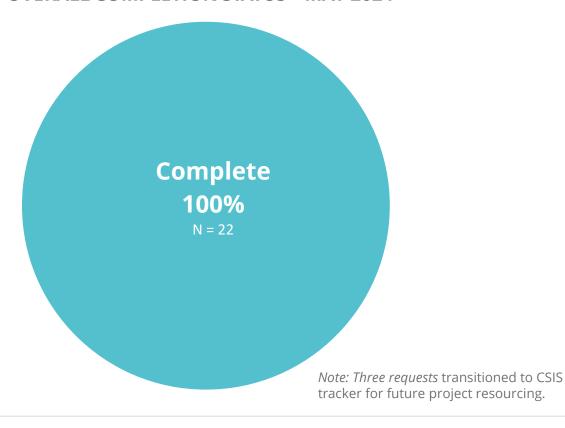
Applicable but needs time due to system upgrade or other requirements



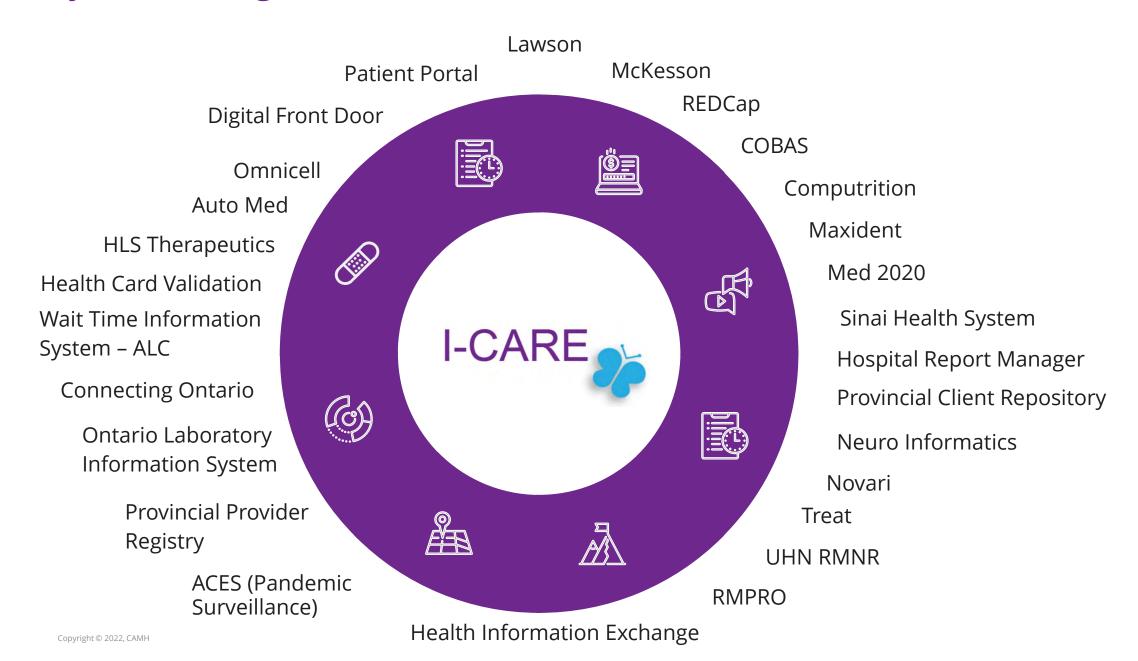
Red Requests

Not possible due to policy or technical constraints

OVERALL COMPLETION STATUS - MAY 2024

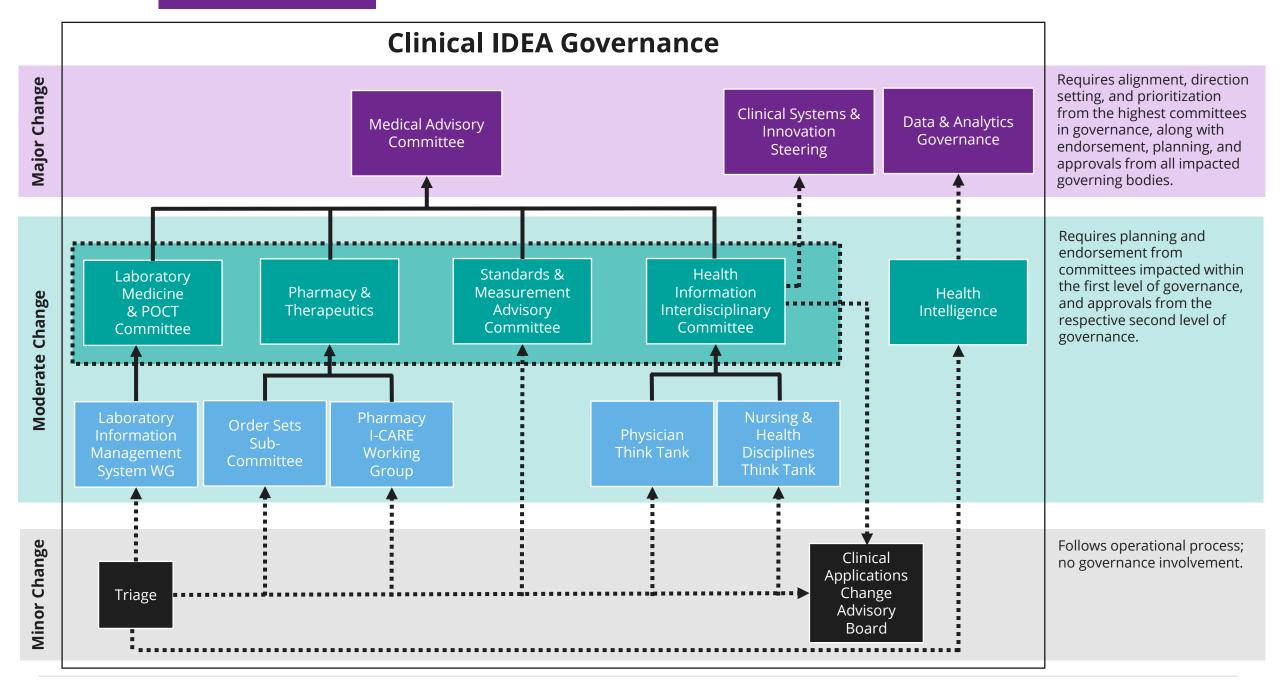


Other Systems Integrated with I-CARE



CAMH Governance





Clinical Digital Assist



Oracle Health Clinical Digital Assistant

- Conversation assistance: Participates in physician-patient conversation and generates draft clinical note for review and signature by physician
- Integrated into EHR: Integrates with dynamic documentation to aggregate chart information from EHR to meet the workflow needs of clinicians
- Quick appointments view: Provides a high-level summary of physician's upcoming appointments, appointments in progress, and completed appointments with notes that are ready to review and sign.
- Four capabilities; one mobile app
- Multimodal (type, gesture, and voice)
- Healthcare-trained Generative Al Assistant





The materials in this presentation pertain to Oracle Health, Oracle, Oracle Cerner, and Cerner Enviza which are all wholly owned subsidiaries of Oracle Corporation. Nothing in this presentation should



CDA Feedback Survey

Oracle Health presented their CDA tool during PTT

Project team developed a brief survey to gather feedback on the tool



participants have completed the survey as of October 22

Shared with PTT Members on October 10 (N=38)

Demo recording was also provided for PTT members to review



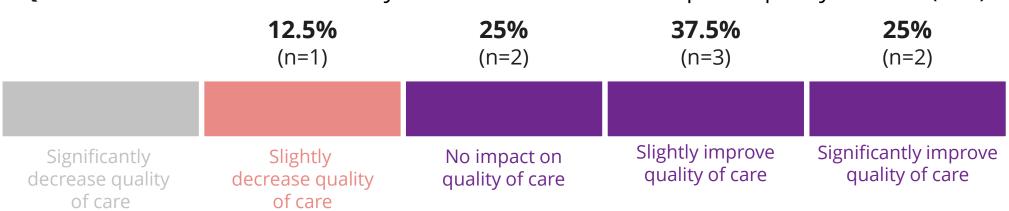
All participants indicated that they are not currently using an Al scribe tool (1 participant has tried one in the past)

CDA Feedback Survey

Question #1: How useful do you think CDA would be for your practice? (n=8)

12.5% 12.5% 12.5% 62.5% (n=1)(n=1)(n=1)(n=5)Very Not at all Slightly Sometimes Extremely useful useful useful useful useful

Question #2: To what extent do you think this tool could improve quality of care? (n=8)



CDA Feedback Survey

General Concerns about the CDA Tool

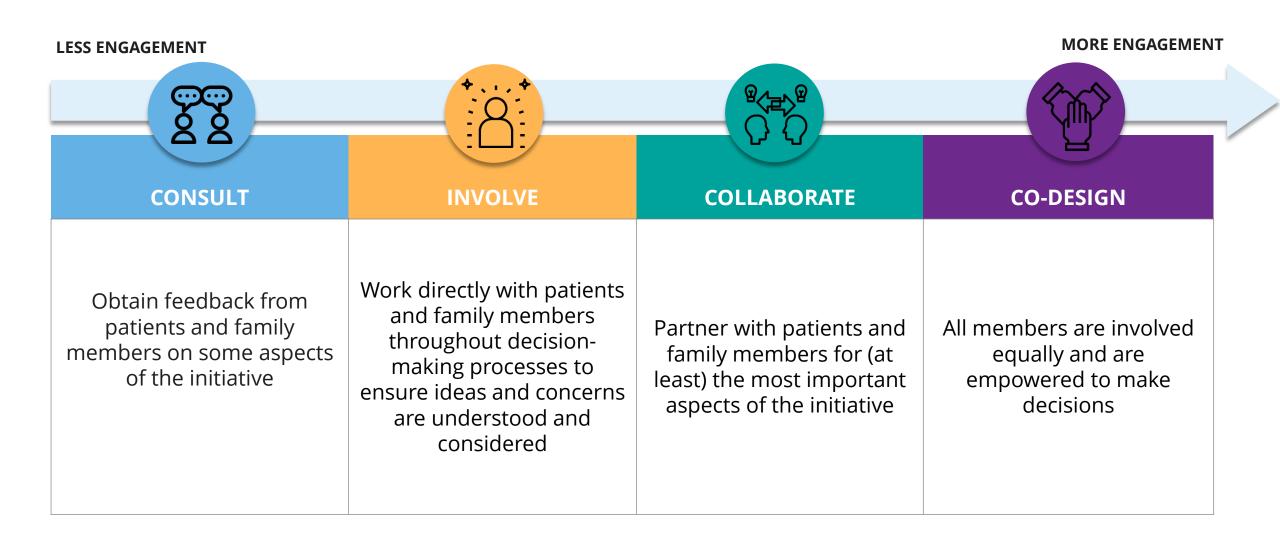
- Privacy and confidentiality
- Concerns about environmental impact
- Time required to review AI generated narrative notes
- Tool does not seem refined enough for psychiatry
- Not adapted to mental health
- Unsure how it will work if I-CARE freezes
- Consent process
- Evaluation must occur to ensure tool is high quality

How do you think you would integrate the CDA tool into your workflow?

- Helpful to search for past treatment history and transcribing clinical reports
- Simplify and reduce time spent on documentation
- Free up more time for patient care
- Would work best for feedback sessions and new consultations.



Patient Engagement



Digital Front Door



Patient Portal (MyCare)

The Patient Portal went live in April 2019 for outpatient services.

MEDICAL RECORD

Allergies, documentation, lab results

COMMUNICATION Care provider messaging SELF-REPORT MEASURES

Links to camh.ca

EDUCATION

CAMH MyCare

Your Patient Portal





APPOINTMENTS

Appointment list, Google Maps, instructions

Automated self-assessments, questionnaires (e.g. ICPs, Mood Scales)

Copyright © 2017, CAMH

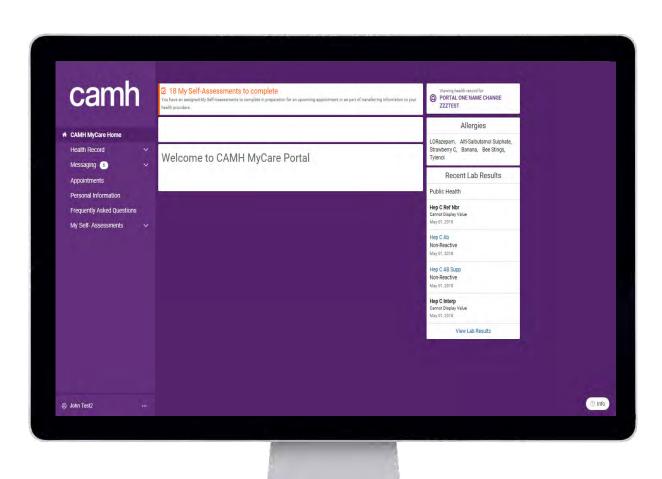
Patient Portal (MyCare) Numbers

15

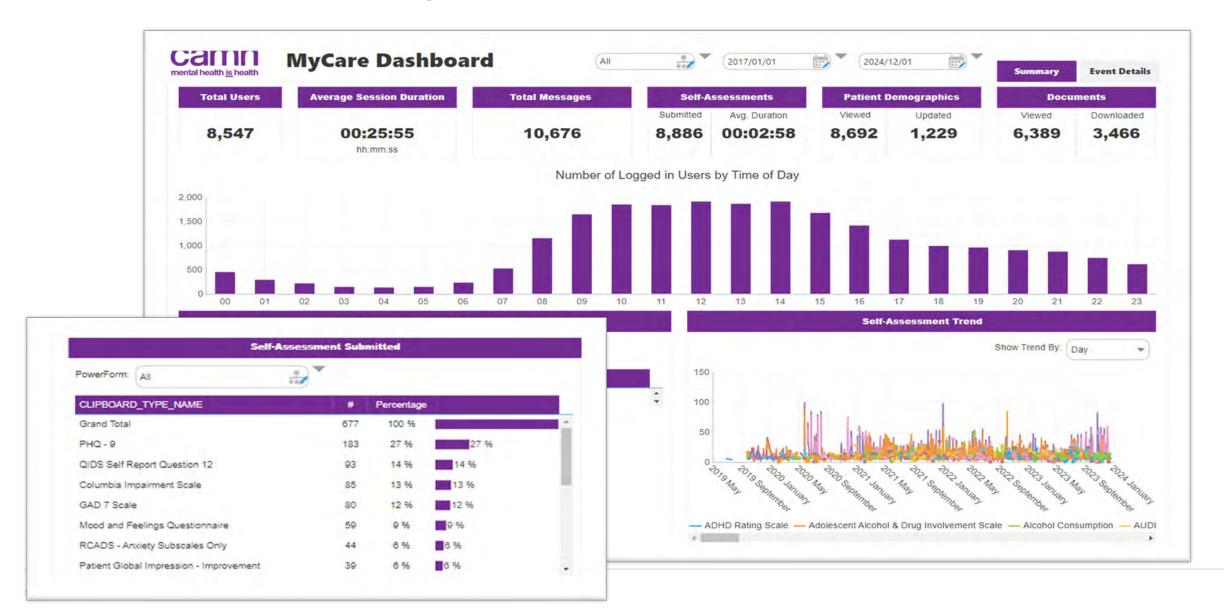
services offering MyCare

55

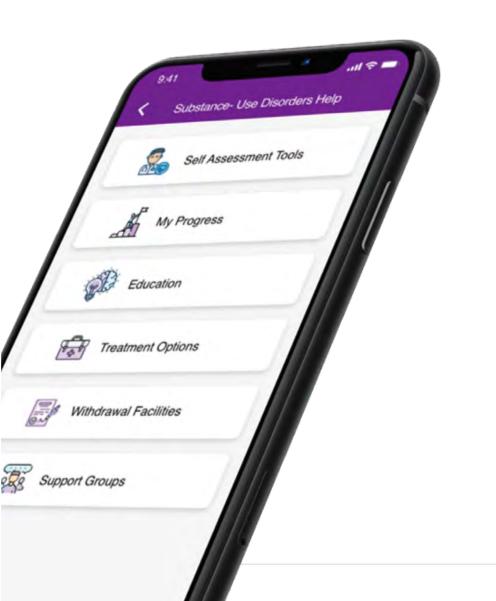
new sign-ups per month



Patient Portal (MyCare) Dashboard



All-in-one Platform (MyCAMH)



Patients will have one point of access for everything they need to know before, during and after their time with CAMH and will be able to create their own individual accounts where they will have options to personalize their experience at CAMH.

MyCAMH Components

The MyCAMH platform will serve as the main point of entry with CAMH.

Data-Driven Care

Patients will automatically receive self-assessments done with clinicians

Research

Find and enroll into research studies that clients may be interested in

Education

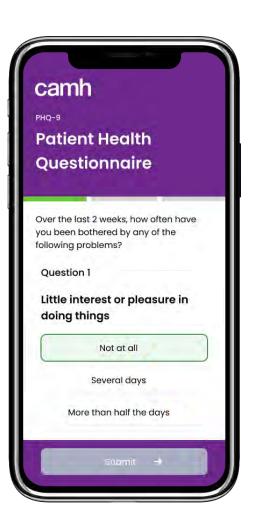
Offer tailored resources across the care journey

Virtual Care

Attend virtual care appointments through the DFD Platform

Quality

Allow patients to fill out satisfaction surveys about their care



Measurement Based Care



Measurement Based Care

The MBC project involves the standardization of care across the hospital ensuring that patients receive similar treatment for similar diagnoses, regardless of which clinic they attend. Patients and families will also benefit from greater clarity of what to expect of the care provided to their loved one.

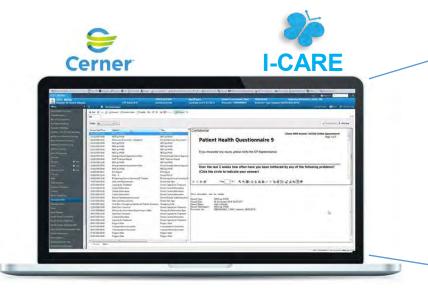
Patient's Complete Electronic Self-Report Assessments

Results Available in Digital Health Record

Patient Trajectory
Chart

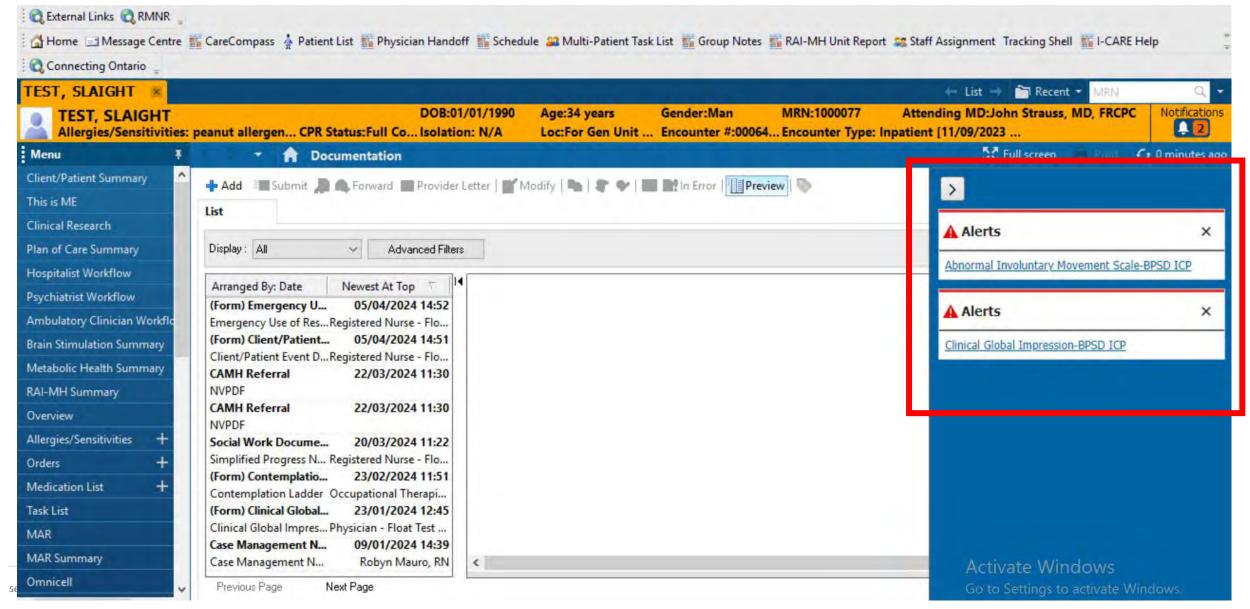








SmartZone & Care Pathways



Patient Journey Dashboards



Clinical Dashboards Landing Page

**TEST, MEDICATION - 643753 Opened by Jian Ren

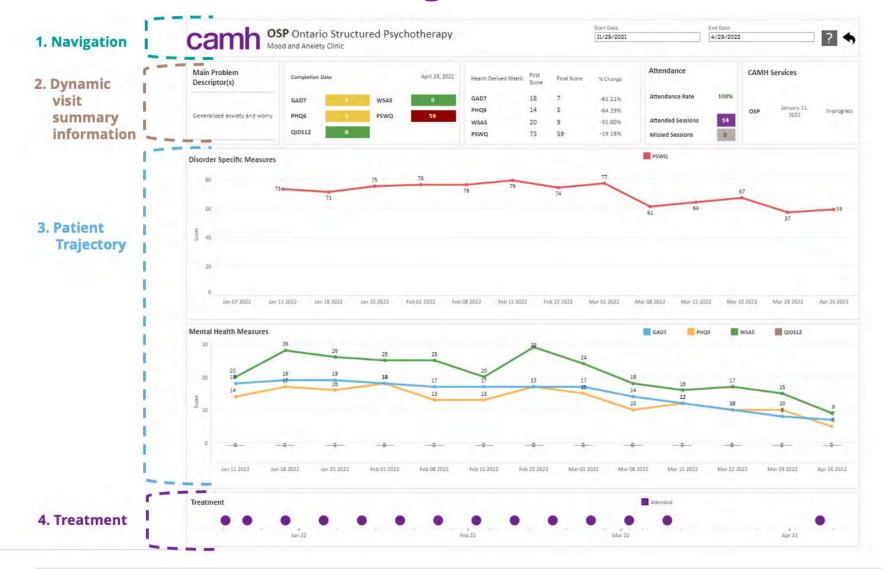
Clinical Dashboards Landing Page

**Test, MEDICATION - 643753 Opened by Jian Ren

Test, ME × Task Edit View Patient Chart Links Notifications Navigation Help 🚮 Home 🖃 Message Centre 🕌 Physician Handoff 💃 CareCompass 🍦 Patient List 🐩 Schedule 😩 Multi-Patient Task List 🐩 Group Notes 🐩 RAI-MH Unit Report 😂 Staff Assignment Tracking Shell 🞳 I-CARE Help 🐩 Pending Blood Specimen Collection Report 📸 Pass Sign In and Sign Out Patient List 觉 🔃 External Links TEST, MEDICATION 🔀 Full screen 📄 Print 🕥 0 minutes ago Clinical Dashboards Hospitalist Workflow **Clinical Dashboards Psychiatrist Workflow Social Rec Ther OT Amb Workflow **Brain Stimulation Summary** Metabolic Health Summary RAI-MH Summary MAR Summary Omnicell Diagnosis & Problems Histories CARIBOU Forensic MDD-ICP AdHoc PowerForm Interactive View Notes Forms Browser Results Review- Laboratory Results Review- Diagnostics Results Review- Metabolic/ASI Tableau is directly integrated into the I-Health Maintenance CARE, pulling patient-specific content from Advanced Growth Chart Client/Patient Information multiple sources Client / Patient ID Sheet Social Work Workflow Nursing Workflow WebEx Appointments Form Browser Clinical Dashboards Pass Sign In and Sign Out

C2024 JIAN_REN 19 July 2022 15:00 EDT

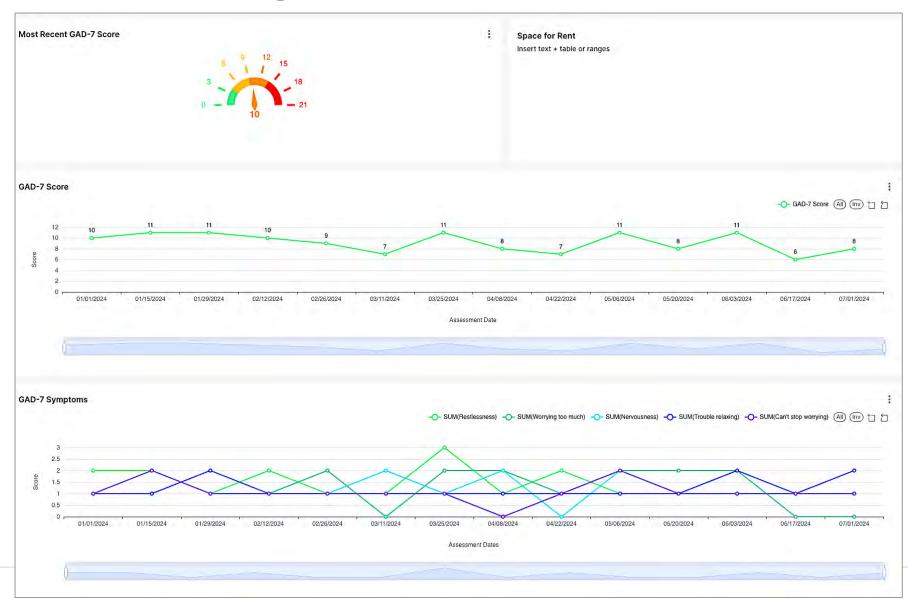
Clinician-Facing Dashboard



Objectives of the dashboards:

- Better understanding about treatment progress over time
- Support clinical decision-making
- Provide a holistic view of the patient
- Empower patients

Patient-Facing Dashboard



BrainHealth Databank



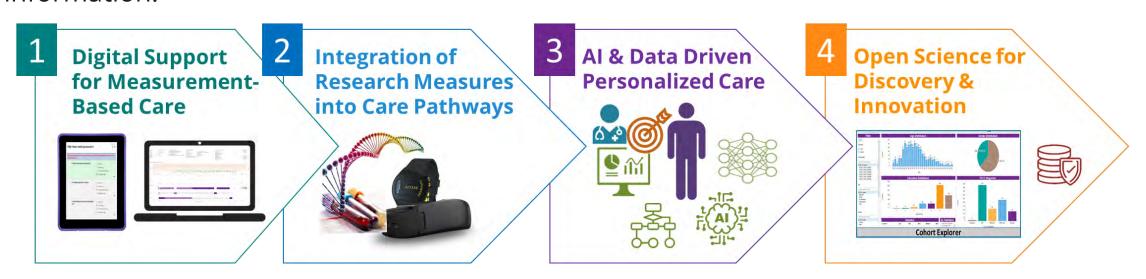


BrainHealth Databank

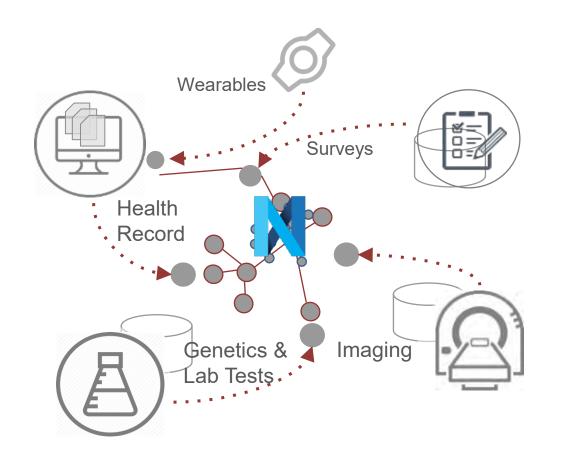


The BrainHealth Databank is a cutting-edge Learning Mental Health System designed to enhance patient care while driving discovery and innovation.

The BrainHealth Databank organizes comprehensive data and biological samples; positioned to become the largest and most robust digital repository of mental health information.



Data Integration - BrainHealth Databank

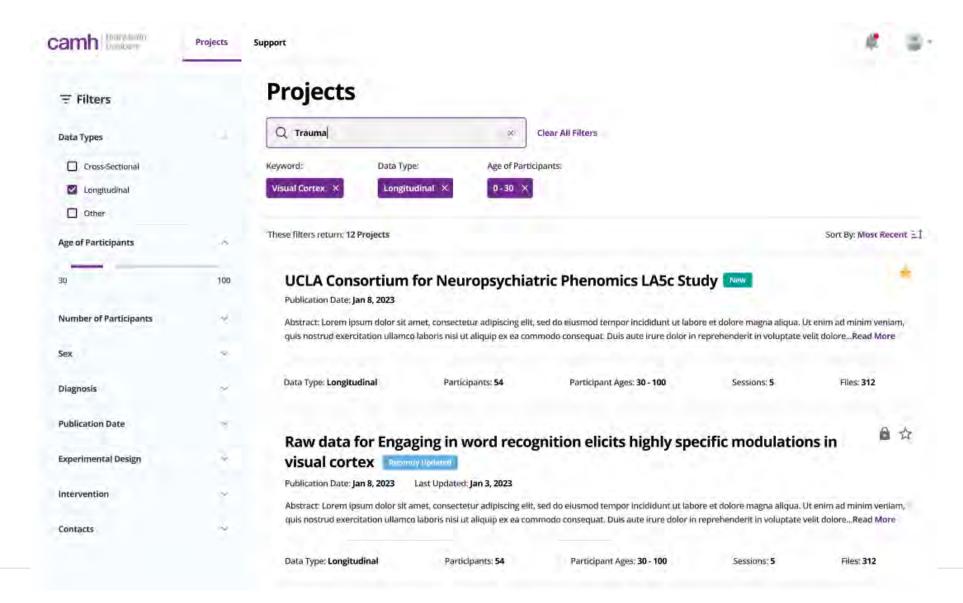


Data from multiple sources is brought together in the Neuroinformatics Platform.

These data types are not usually examined all together.

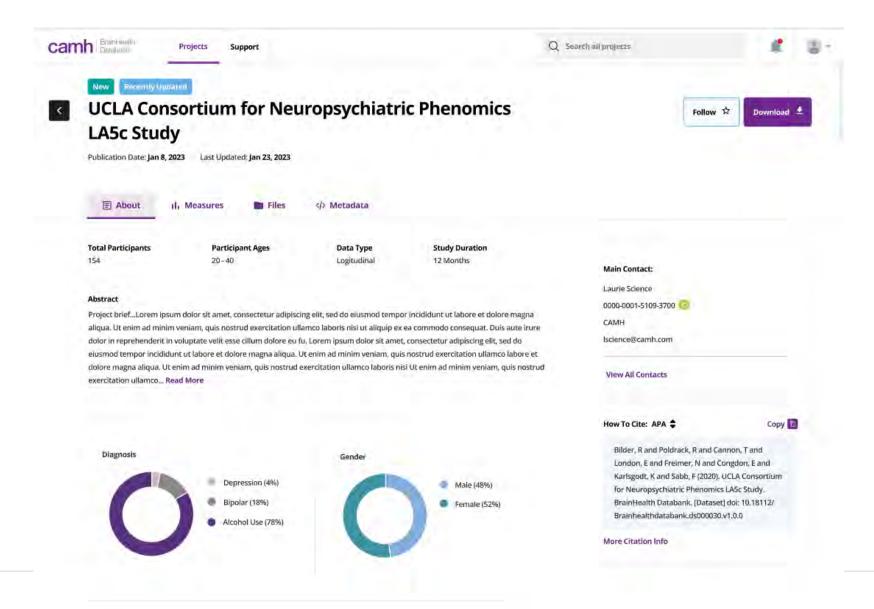
The BHDB can allow patients to be seen holistically, with all their data in one place.

BHDB Research Data Portal





BHDB Research Data Portal







Drive Digital Transformation and Innovation



Patient

Meet the patient where they are

Measurement and evaluation of implemented technologies

Continuous engagement



Clinician/ Scientist

High-value impact

Minimizing disruption; maximizing efficiency

Foster interdisciplinary collaboration



Administrator

Return on Investment

Quality assurance, performance monitoring, and continuous improvement

Human-Centric Justice/Equity/Diversity/Inclusion ConnectedCAMH Cybersecurity/Privacy Value/Safety/Outcomes

Patient: Thriving Minds Partnership

(Collaboration with SickKids and the Garry Hurvitz Centre for Community Mental Health)



Overview





The Partnership between SickKids, CAMH, and the Gary Hurvitz Centre for Community Mental Health (GH-CCMH) is designed to take advantage of the expertise in research, education and clinical care within these institutions to transform mental health care for children and youth.

STAKEHOLDER ENGAGEMENT

 Develop a stakeholder engagement and co-design strategy that meaningfully involves patients, families and caregivers, and those from underserved populations

DATA & EVALUATION

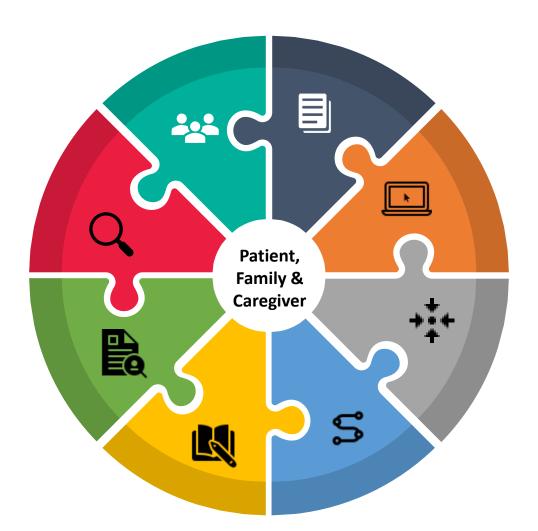
- Establish common data points, data collection mechanisms and methodologies
- Identify and align on a minimal data set, key performance indicators, and other metrics
- Design and implement a shared dashboard for shared data & analytics review

RESEARCH

 Create and leverage opportunities for research collaboration

EDUCATION

 Identify educational opportunities for keystakeholders of the Partnerhsip such as physicians and professional practice



SERVICE MAPPING

 Construct a comprehensive inventory of services across SickKids, the Centre for Community Mental Health (GH-CCMH) and CAMH

INFORMATION HUB

 Develop an information hub where patients, families, and caregivers can access credible resources before needing to access services

COORDINATED ACCESS

 Develop a shared intake point for SickKids, CAMH, and GH-CCMH to reduce complexity and eliminate duplication

CLINICAL PATHWAYS

Identify, optimize and create transition and collaborative care pathways between organizations

Draft Model





Intake, Triage

Matching to appropriate service & Scheduling

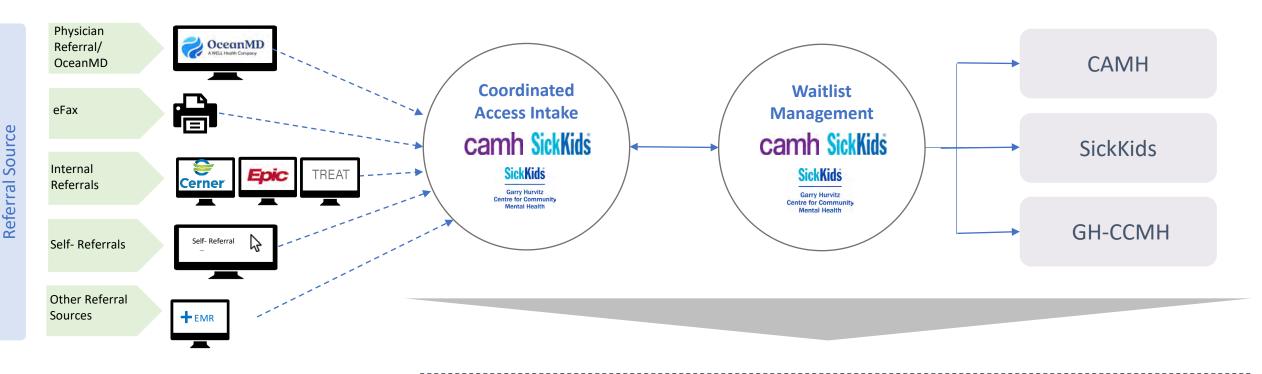
Waitlist Management

Navigation & Support while waiting

Family/Caregiver Support

Measurement-based Care

Data & Evaluation



Technology Solution

Clinician/Scientist:
Research
Organization



Research Organization Overview

Objective: Transition from paper research source documentation to electronic and integrate source documentation within the hospital's electronic medical record.

Benefits:

- Accommodate the linkage of clinical documentation with research documentation
- Assist clinical-based decisions by readily providing research data to clinicians in a central location (I-CARE)
- Fulfil the hospital's requirement to create a health record that documents all care and examination provided to non-patient participants
- Streamline processes, aligned with clinical operations (e.g. referrals, registration, scheduling)

High Level System Design



- Research data
- Standardized assessments

REDCap to I-CARE

- Copy of summary research data
- Copy of standardized assessments



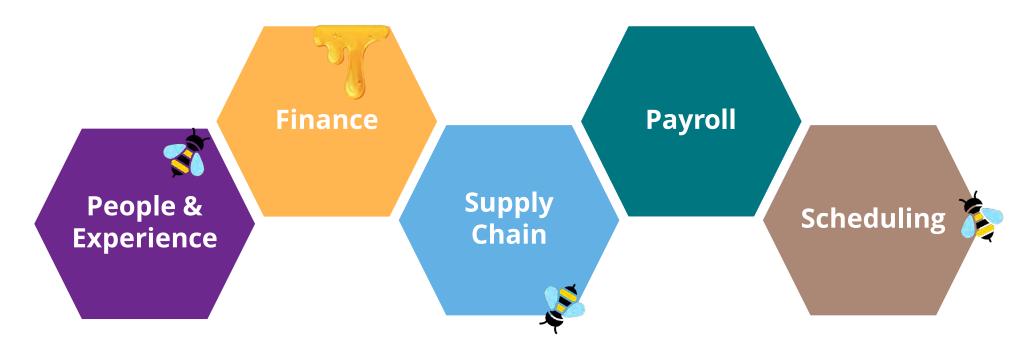
- PowerTrials study build / enrollment (on-study flag)
- Demographics information

Administrator: HIVE



Core Business Functions

HIVE, our new Enterprise Resource Planning (ERP) system, will connect CAMH across key areas including:



Intended ERP Transformation Outcomes

Enhancing efficiency and data accuracy by implementing more automated workflows



Integrating systems to support a single source of truth and accurate data synchronization



Establishing a flexible and scalable solution to meet CAMH future state needs

Enabling self-service capabilities to support an analytics driven culture among CAMH end-users

Enabling AI technology to use predictive analytics, automation and advanced data processing.



Digital Innovation Hub

Gillian Strudwick RN, PhD, FCAN, FAMIA

Scientific Director (Interim), Digital Innovation Hub, CAMH Senior Scientist & Chief Clinical Informatics Officer, CAMH Associate Professor, IHPME, University of Toronto



Why Launch a Digital Innovation Hub at CAMH?



Significant gap in educational needs of clinicians (among others) in the digital health space



Increasing presence of digital technologies in all areas of mental health clinical care and research often paired with insufficient supports for their success



Many digital mental health technologies present with limited evidence or scientific backing



No clear pathway for technology companies to work with CAMH to co-design, test, study etc. digital mental health technologies



Overall goal

Develop evidence-based digital solutions to prevent and treat mental illness, faster and with global impact.

The digital innovation hub will accelerate the development and scaling of these digital interventions.

For digital interventions to be successful, we need:

Interventions that are scientifically evaluated and meet clinical needs

Health professionals that have competencies in the use of digital interventions Patients that have the skillsets, technology and interest to utilize digital interventions for their mental health

Seamless integration of these technologies into clinical care processes



Areas of Focus

Establish hub and complete set of catalyst projects in the following areas:

Area of Focus Projects

- 1. Interventions that are scientifically evaluated and meet clinical needs
- 2. Patients that have the skillsets, technology and interest to utilize digital interventions for their mental health
- 3. Health professionals that have competencies in the use of digital interventions

- Monitoring e.g. wearables
- Intervention
- DOORs program
- Digital Navigators
- Digital and Mental Health Al Certificate
 Program

***Seamless integration of these technologies into clinical care processes ***



Thank You

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DigitalMentalHealthLab.ca



CONNECTED camh

Thank You