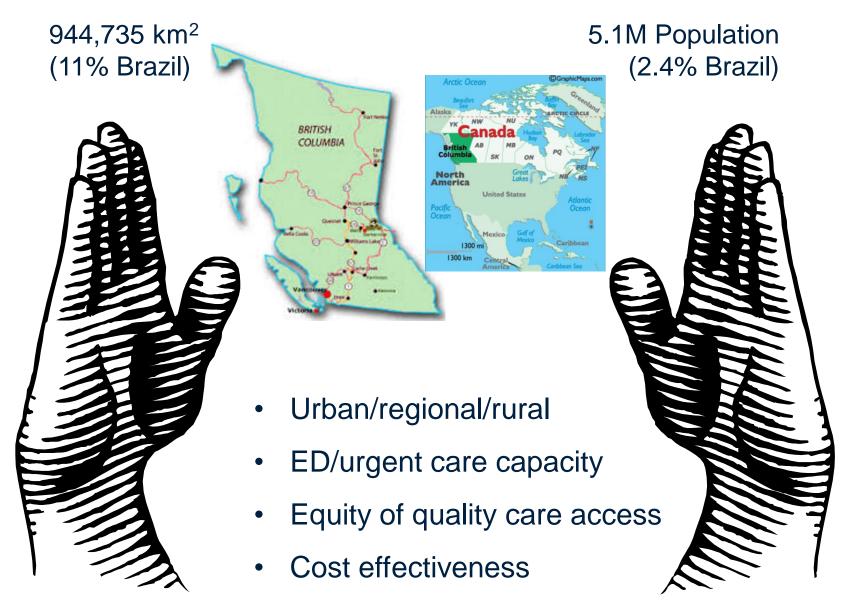
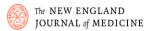


BC, Canada Healthcare Context



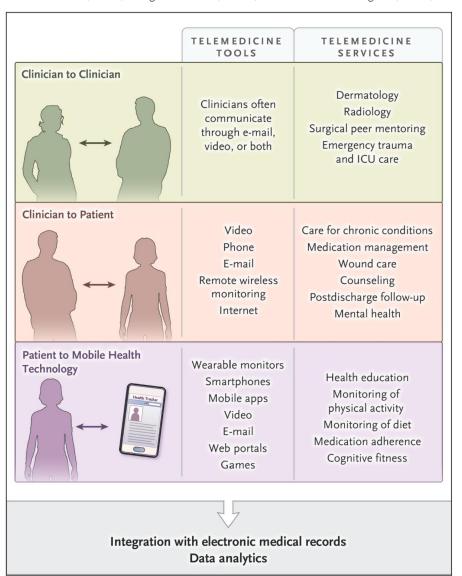


Telehealth

October 19, 2017

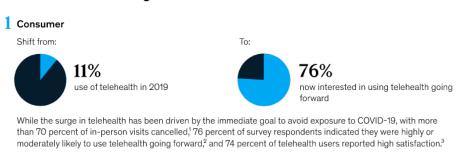
N Engl J Med 2017; 377:1585-1592 DOI: 10.1056/NEJMsr1503323

Reed V. Tuckson, M.D., Margo Edmunds, Ph.D., and Michael L. Hodgkins, M.D., M.P.H.



COVID CHANGES EVERYTHING

How has COVID-19 changed the outlook for telehealth?



2 Provider

Health systems, independent practices, behavioral health providers, and others rapidly scaled telehealth offerings to fill the gap between need and cancelled in-person care, and are reporting

In addition, 57%

of providers view telehealth more favorably than they did before COVID-19 and

are more comfortable using it.5

50-175x

the number of telehealth visits pre-COVID.4

May 29,

& Company

McKinsey

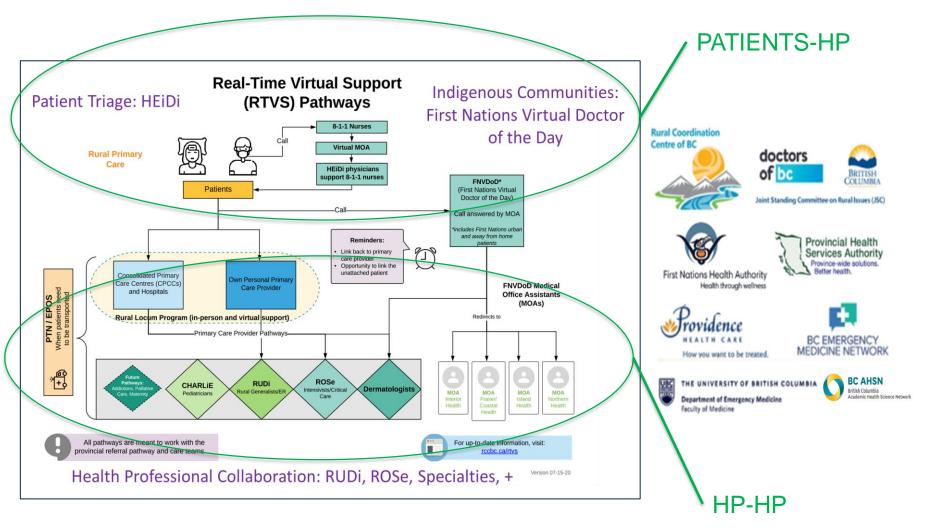
2020

- Nearly half of all Canadians have accessed a physician using virtual care
- Those connected virtually with doctor during COVID 91% satisfaction rate
 - ~ Canadian Medical Association, June 8, 2020

REAL TIME VIRTUAL SUPPORT BC (RTVS)

COVID-19 pandemic: "positive disruptor" for virtual care

- Forced changes in team based healthcare delivery
- Accelerate RTVS development & deployment



811 Healthlink BC Emergency iDoctors in-Assistance (HEiDi): Pathway Highlights



- 6-7x Increase call volumes
- More complex call content
- Rapidly evolving knowledge about COVID
- Emotional anxiety of callers

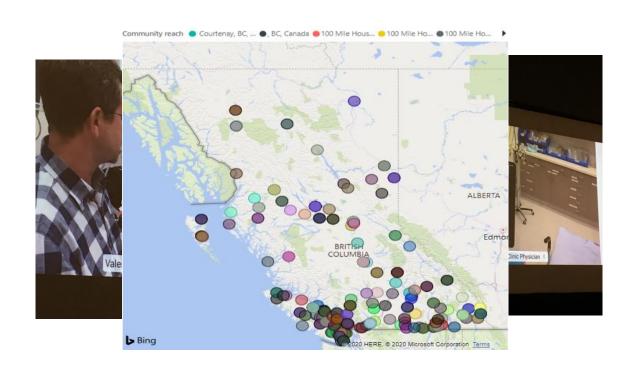
AIMS: Virtual physicians (off site) to partner with 811 nurses

- Increase capacity to take calls
- Improve patient triage, reduce ED/Urgent MD visits
- Address mental wellness
- Support continuity with primary care



PEER-TO-PEER SUPPORT ON DEMAND IN BC: AS OF 10/2020

- Emergency care (RUDi)
- Intensive care (ROSe)
- Pediatrics (CHARLiE)
- Maternal health (MaBAL)
- Mental Health (COMPASS)
- Dermatology
- Rheumatology
- Hematology
- •



WEARABLES & SENSORS



TEC4H@me

Telehealth for Emergency-Community Continuity of Care Connectivity via Home Tele-monitoring







Phase 1 (3 hospitals, 70 pt):

- 59% decr. Readmissions
- 44% decr. ED revisits
- 44% decr. Per patient cost
- Improved Quality of Life



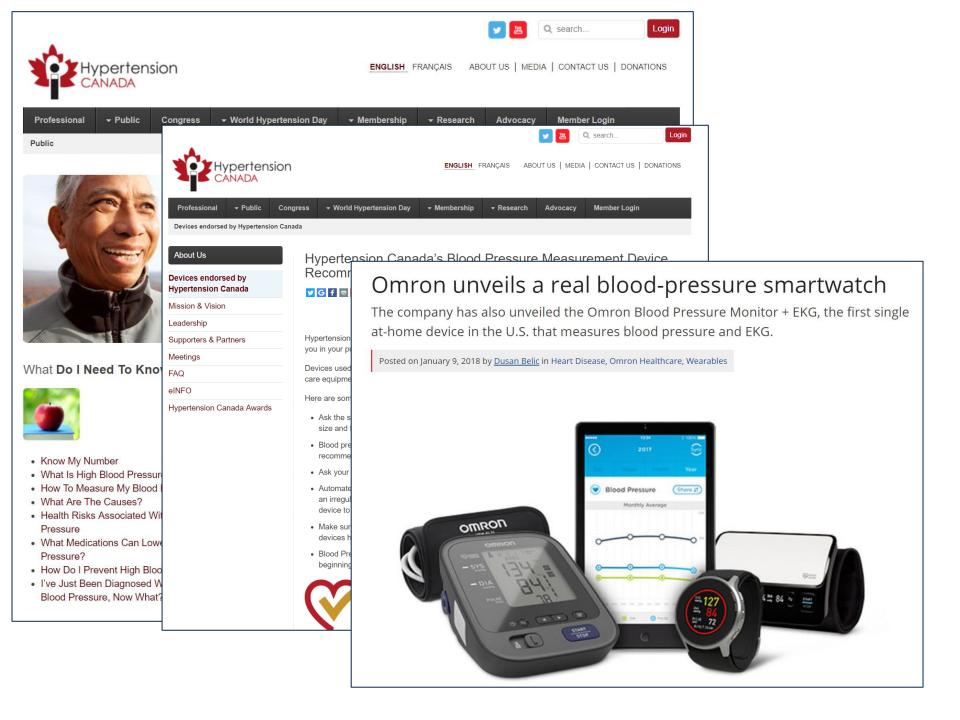
"This is the best I have felt in 2 years."

"this is the longest I have stayed out of hospital"

"I may not let Telus in the door to collect the equipment" (joking)

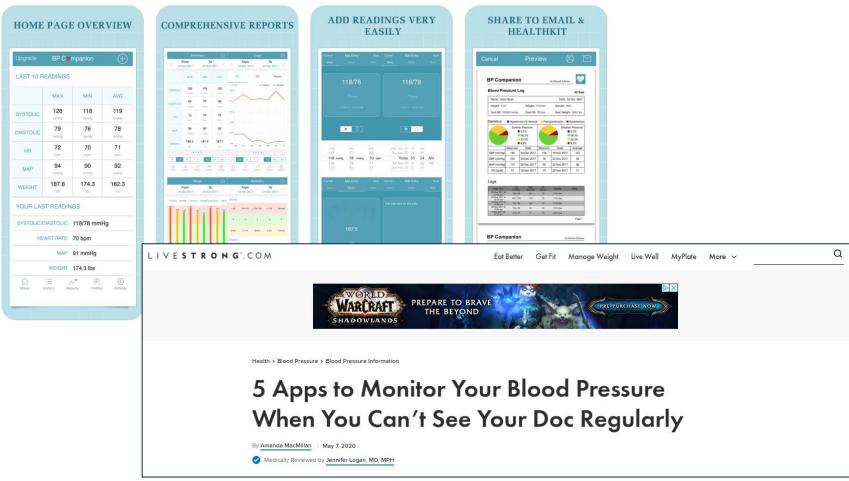
"people who have not seen me for a while tell me 'What a difference'" and "even your voice is stronger"



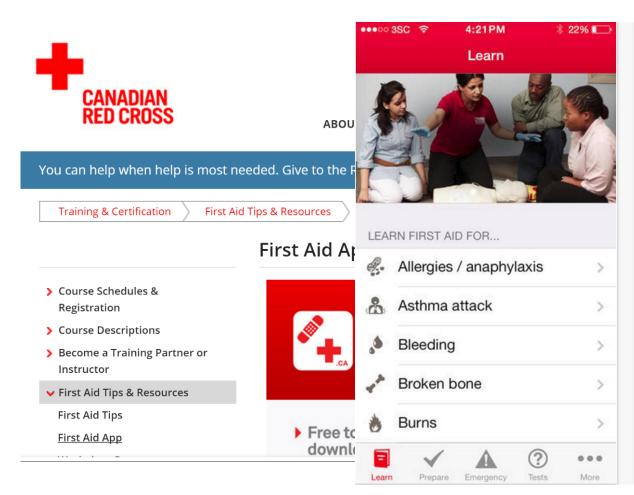


HEALTH APPS



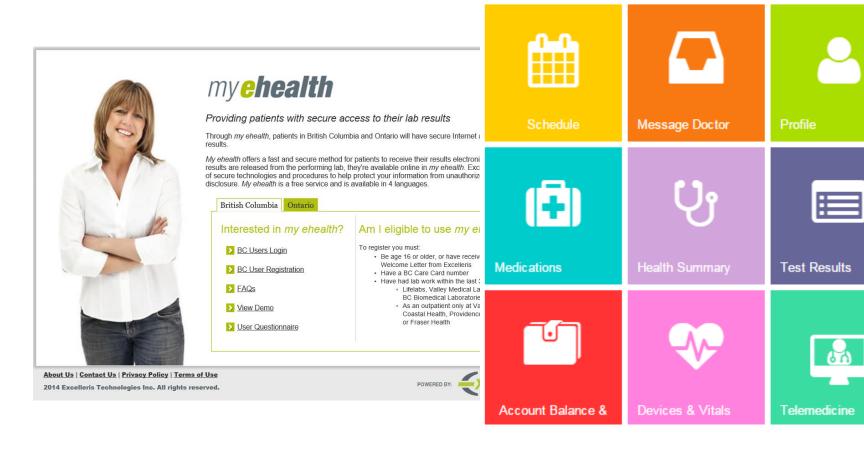


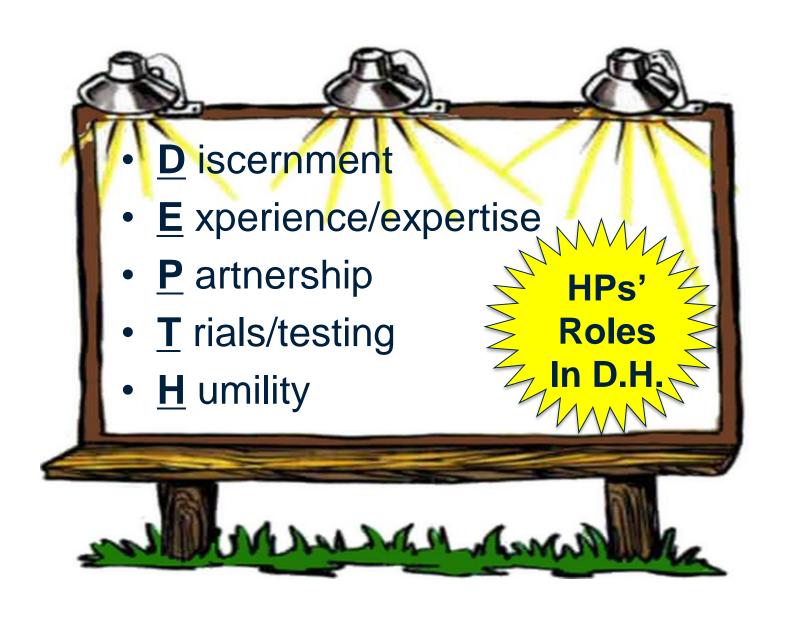
HEALTH APPS

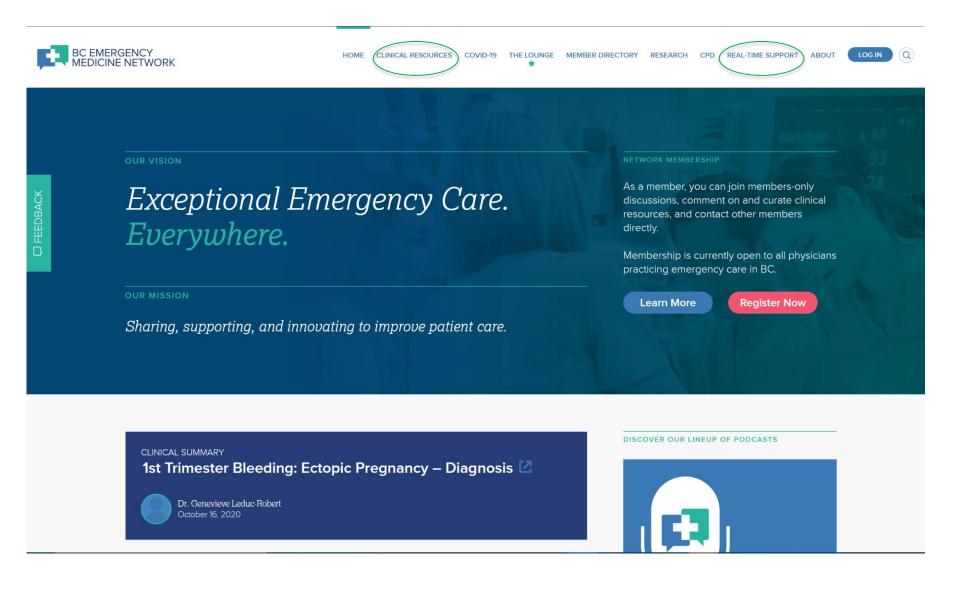




PATIENT PORTAL







BCEmergencyNetwork.ca

APPS FOR PATIENTS

Recommended Apps to prescribe for your patients.

Check out this handout for patients on how to use Apps safely



First Aid by Canadian Red Cross

Lists common emergencies, how to initiate first aid, and when to go to ED for definitive management. Examples include: burns, asthma, myocardial infarction.



FREE



Mindshift by Anxiety BC

Provides info about anxiety & depression and tools to help relax. Helps track anxiety to start to associate and educate about situations that may trigger anxiety.



FREE



Heart Rate by Azumio

Counts heart rate & shows short heart rhythm. For patients complaining of palpitations, but feelings don't occur in clinic/ED. Arrange for Holter monitor. Ask patient to capture a rhythm strip while feeling palpitations.

Link to the app

FREE



MyFitnessPal

Tracks total calories and % of carb, fat, or protein. Useful for patients presenting with allergic reactions with a suspicion of food allergy; track food intake, and see if symptoms correlate with certain foods eaten.



FREE



Medical Dictionary by Farlex

Allows individuals to look up medications, how they work, general indications and common dosages, as a reference - not encouraged to use without consulting a health professional first.

Link to the app

FREE



Medisafe

Helps track list of medications. Individuals can enter the pills they take using names, shapes and colours, and time of day to take them. Includes an alarm reminder

Link to the app

FREE



P.A.C.E Concussion

Provides an interactive. evidence-based tool to help parents/kids with concussion recognition and recovery. (iPhone, Android Coming Soon!)



or in deep sleep. Has alarm

FREE

clock to stimulate you out of deep sleep into light sleep before wake time.

Sleep Time by Azumio

Measures movements while

sleeping; detecting whether

patient is awake, in light sleep,

Link to the app

FREE

BCEmergencyNetwork.ca



Anxiety BC

Online, self-help, and evidencebased resources on anxiety and anxiety disorders.



Canadian Diabetes Association

Information and resources for people with diabetes (recipes, exercise plans, etc.).



Canadian Liver Foundation

Provides information and resources on liver disease.



Heads Up Guys

Health strategies for managing and preventing depression for men. A UBC initiative.





HealthLinkBC

Provides access to nonemergency health information and advice in British Columbia. Includes some EM-relevant patient handouts.





Heart & Stroke Foundation

Resources on heart disease, stroke and healthy living.





MedlinePlus

Synthesizes information on various topics (diseases, conditions, and wellness issues) into evidence-based lay language.





Pain BC

Provides resources for patients dealing with chronic pain: self management tools and contact information for support groups.

Also has education and tools for health care providers.

BCEmergencyNetwork.ca

CALL TO ACTION: WHAT CAN HEALTH PROFESSIONALS DO?

- Individual: e.g. digital health skills?
- Practice/clinic: e.g. prescribe app/web?
- Organization: e.g. virtual care?
- Community: e.g. Digital Health literacy?





