CARDIO approach – Data and digital

Highlights from recommended interventions

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Data and digital technology

Goal

Leverage the power of digital technology and artificial intelligence (AI) to make health systems become proactive, predictive and ultimately preventative in improving cardiovascular (CV) population health
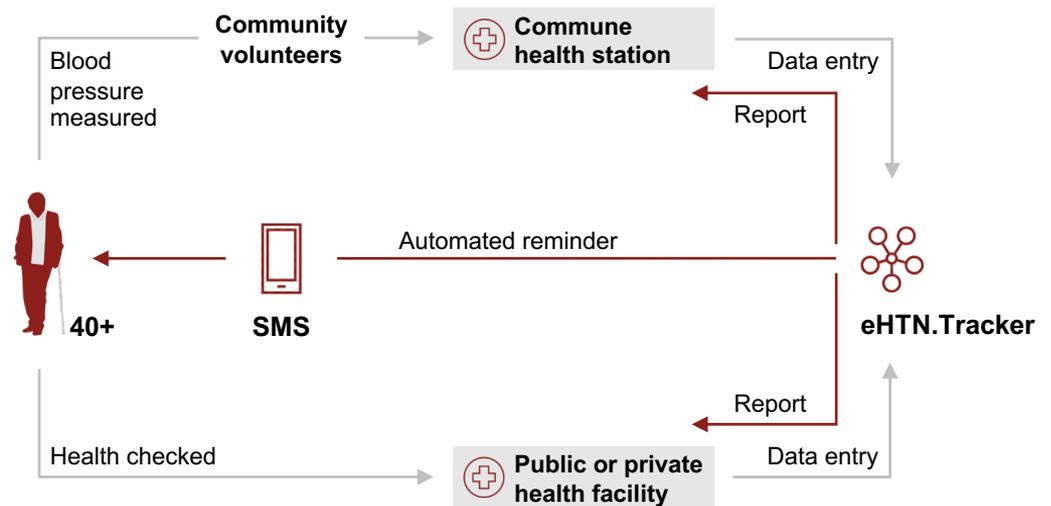
Contents

- Key tools (slides 3-6)

- Examples (slides 7-11)

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Digital health tools connect patients with health systems

Vietnam's first digital patient tracker for a noncommunicable disease – the eHTN tracker

The eHTN connects patients with the system by allowing health workers to track patients, preventing patients from being lost prior to diagnosis or treatment follow-up
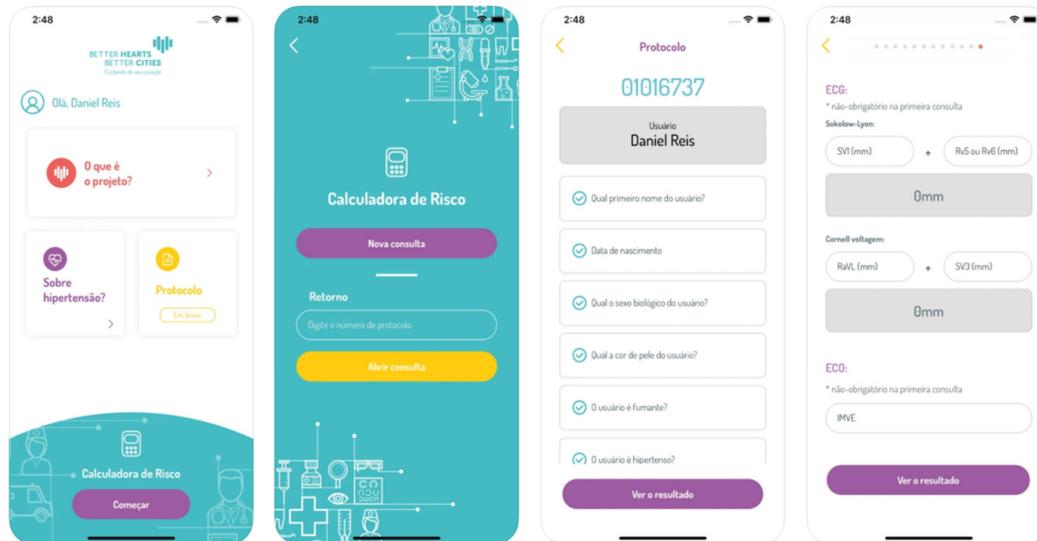
HealthTech solutions for simple CV risk assessment

In São Paolo, Brazil, Better Hearts Better Cities partners developed a **CV risk assessment app for community health workers**, that helps to overcome bottlenecks

Cuidando do Coração in the App Store:

🌐 **Cuidando do Coração**

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Digital tools for pharmacists

In São Paolo, Brazil, Better Hearts Better Cities partners worked with public pharmacists on processes and practical tools to enable and optimize pharmaceutical appointments to increase patients' understanding of and adherence to treatment. Pharmacists were also provided with an online tool to better monitor the flow of hypertensive patients.

Better Hearts Better Cities Cuidando do Seu Coração – Assistência Farmacêutica (in Portuguese):
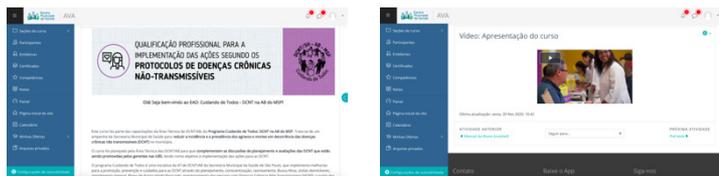
▷ **BHBC Cuidando do Seu Coração**

📄 **Introduction to monitoring system for pharmacists**

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Online continuing medical education for health workers

In São Paulo, Brazil, Better Hearts Better Cities partners developed online courses with technical and behavioral trainings, following and reinforcing the official NCD Protocol. The topics were developed together with different actors of the health system. All courses are available on the platform of the Municipal Health School of the City Hall.

Health literacy

Nonviolent communication

Innovative practices for groups

Reception

Ambiente Virtual de Aprendizagem

Programa de EAD

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Global data collaborative for cardiovascular population health – AI4BetterHearts
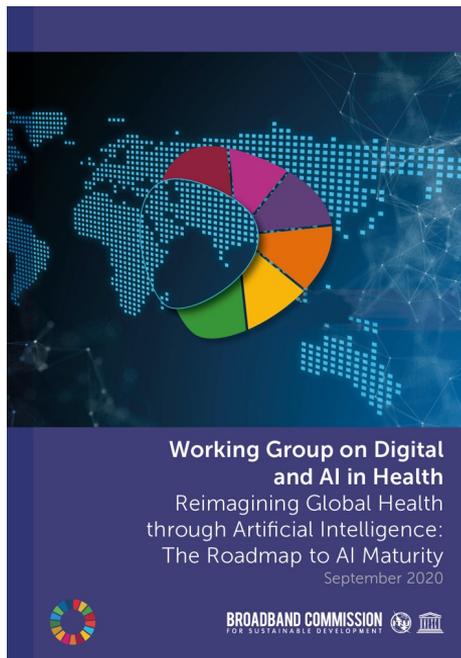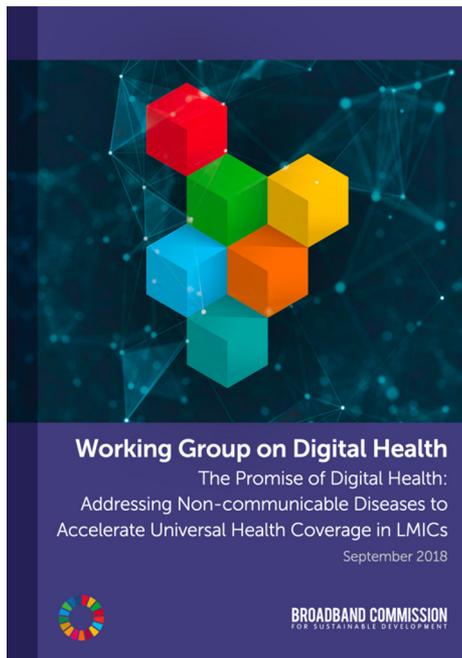

This **Global CV data collaborative** will support policy makers, health workers and patients to make better decisions about heart health

🌐 **AI4BetterHearts – A Cardiovascular Data Collaborative**

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Reports from the Broadband Commission on digital health and AI in health

Working Group on Digital Health
The Promise of Digital Health:
Addressing Non-communicable Diseases to
Accelerate Universal Health Coverage in LMICs
September 2018

BROADBAND COMMISSION
FOR SUSTAINABLE DEVELOPMENT

Working Group on Digital and AI in Health
Reimagining Global Health
through Artificial Intelligence:
The Roadmap to AI Maturity
September 2020

BROADBAND COMMISSION
FOR SUSTAINABLE DEVELOPMENT

The Promise of Digital Health (PDF)

Reimagining Global Health through Artificial Intelligence (PDF)

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Novartis Foundation telemedicine toolkit

Virtual and AI-driven health services, and specifically mature models offering telemedicine consultations, can help improve quality of care and health system performance – particularly when access to health facilities is limited (remote areas, pandemic situation)
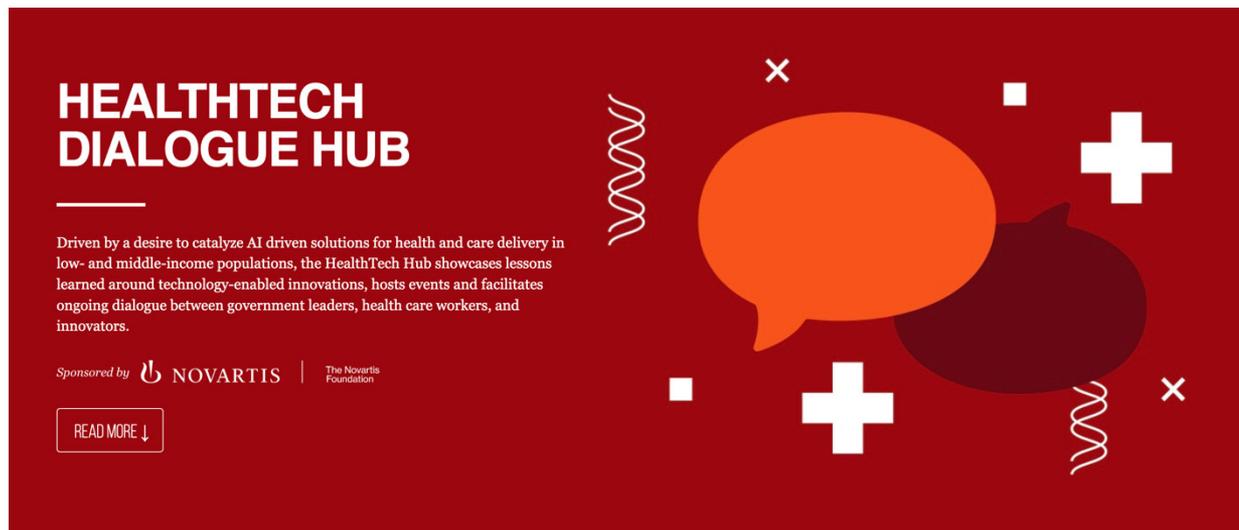
Discover the Ghana Telemedicine Implementation Guide:

📄 **Ghana Telemedicine Toolkit (PDF)**

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HealthTech Dialogue Hub

An exchange platform between policymakers, tech innovators, NGOs and others to drive the implementation of AI for health in low- and middle-income countries

HealthTech Dialogue Hub

#BuildBackBetter challenge: To support digital innovation and AI start-ups

The Novartis Foundation and Women in Global Health hosted a **social media innovation challenge** to address the gender inequities in global health security.

We received 127 entries from 29 countries.

Women-led or women-founded HealthTech and AI start-ups developed solutions for LMICs to:

- Increase the number of women in digital health and AI

- Address major barriers to gender-responsive health systems