



**JULY 23
11 AM (EDT)**

HEARTS

Launch of the Virtual Course
on the Implementation of the
HEARTS Technical Package
in Primary Care Health Teams

PAHO



Pan American
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REGIONAL OFFICE FOR
AMERICAS



VIRTUAL CAMPUS FOR PUBLIC HEALTH
"Bringing knowledge to practice"

#HEARTSAmericas

By 2025, the HEARTS model will be the preeminent institutionalized model for the CVD risk management, including hypertension, in primary health care in the Americas

HEARTS

Virtual Course on the Implementation of the HEARTS
Technical Package in Primary Health Care



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WELCOME

Dr. Pedro Orduñez
Regional Advisor
PAHO/WDC



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Welcome remarks

Dr. Taskeen Khan

**Medical Officer. Management of Noncommunicable Diseases Unit
Department for Management of Noncommunicable Diseases, Disability,
Violence and Injury Prevention. WHO/Geneva**



Strategies to Improve Control of Hypertension: HEARTS technical package

Dr. Marc Jaffe

Senior Vice President of Resolve to Save Lives, USA



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HEARTS Technical package

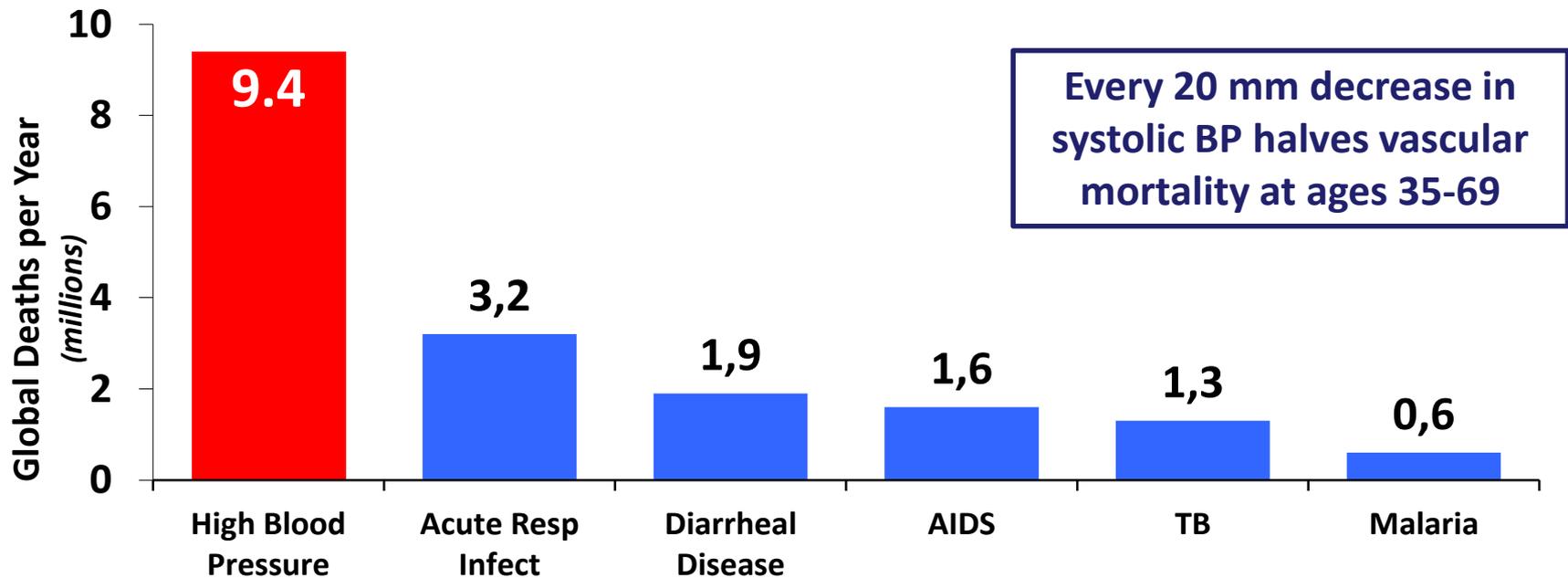
- Proven interventions – from the real world
- HEARTS is an actionable and effective model
- Take the virtual course to learn how to implement HEARTS

- And tell your friends!

Support and contributions from



High Blood Pressure Kills More People than Any Other Condition – *and more than all infectious diseases combined*



Hypertension – Essential Evidence-Based Treatment Components

Protocol



Medication Supply



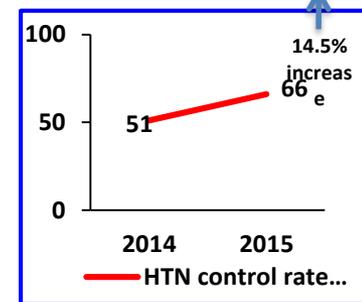
Community-Based Treatment



Patient-Centered Care



Information Systems



HEARTS Technical package

- Cardiovascular health strategic approach
- Supports Ministries of Health to strengthen CVD management in primary care
- For policy makers and programme managers



Healthy-Lifestyle Counseling

- Information on the 4 CVD behavioural risk factors
- Brief interventions approach to provide risk factor counselling and encourage healthy lifestyles.



**Healthy-lifestyle
counselling**

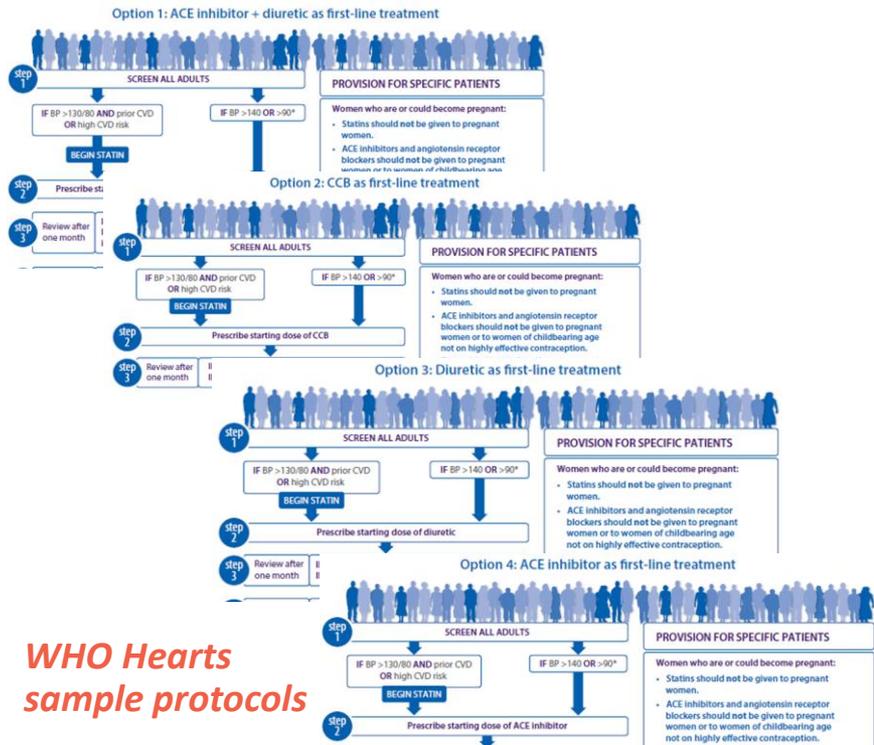
Evidence-based protocols

- A collection of protocols to standardize a clinical approach to the management of hypertension and diabetes.



**Evidence-based
treatment protocols**

Treatment Protocols Improve Quality



**WHO Hearts
sample protocols**

WHO Hearts Technical Package, Evidence based protocols. 2017

- Practical protocols to improve treatment of patients
- Specific medication dosage and schedule for titration or addition of medications if blood pressure not controlled
- Eases logistics, training, and supervision



Benefits of Standardized, Evidence-Based Protocols

- Reduces unwarranted clinical variability
- Enables health care team to advance patients safely and efficiently along treatment pathway
- Sends a strong signal to clinical staff that hypertension control is a priority
- Results in more efficient and cost-effective selection of medications and treatment approaches
- Facilitates logistics, training, supervision, evaluation, and overall program implementation and increases impact of treatment programs
- Can potentially be incorporated into electronic health records through clinical decision support tools, registry functions, and measurement to facilitate quality improvement

Sources: Frieden, T., Protocol-Based Treatment of Hypertension: A Critical Step on the Pathway to Progress. JAMA. 2014; 311 (1): 21-22.

Handler, J., Commentary in Support of a Highly Effective Hypertension Treatment Algorithm. Journal of clinical hypertension Protocols. Kaiser Permanente (2013).

Systems for Monitoring

- Information on how to monitor and report on the prevention and management of CVD.
- Contains standardized indicators and data collection tools.



Systems for monitoring

Information Systems Facilitate Continuous Program Improvement

- Provide real-time feedback to
 - Improve follow-up of patients not under control
 - Measure program **quality** (quarterly, percent controlled per cohort) and **coverage** (annual, proportion of total burden adequately treated)
- Data collection tools can be paper-based, hybrid electronic/paper-based, or fully electronic, depending on country resources
- Continuous analysis of program data and use of analysis to improve patient care

What gets measured can be managed

Where is this working? In the real world

- Countries
 - Barbados, Chile, Columbia, Cuba, India, Bangladesh, and others...
- Main highlights
 - Demonstration sites work
 - Primary care engagement is key
 - Start small and do it right
 - keep it simple for speed, scale, and sustainability



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Dialogue with Partners in the HEARTS implementation: Academia and Scientific Societies

Donald J. DiPette M.D.
Health Sciences Distinguished Professor
University of South Carolina
University of South Carolina School of Medicine
Columbia, South Carolina



Dialogue with Partners in the HEARTS implementation: Academia and Scientific Societies

Dr. Patricio López-Jaramillo
Research Medical Director of FOSCAL, School of
Medicine, University of Santander. Colombia.



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What will primary health care teams obtain from the course?

Dr. Yenny Rodríguez, PAHO/WHO
General coordinator of the Virtual Course on the
Implementation of the HEARTS technical packages in PHC

Primary Health Care Teams: Training

- Acquire theoretical-practical knowledge and competencies
- Evidence-based intervention with a strategic and standardized approach to improve cardiovascular health.
- Managers and administrators may benefit from taking the course.
- Primary health care teams in-training.

Module III - Healthy-lifestyle counseling

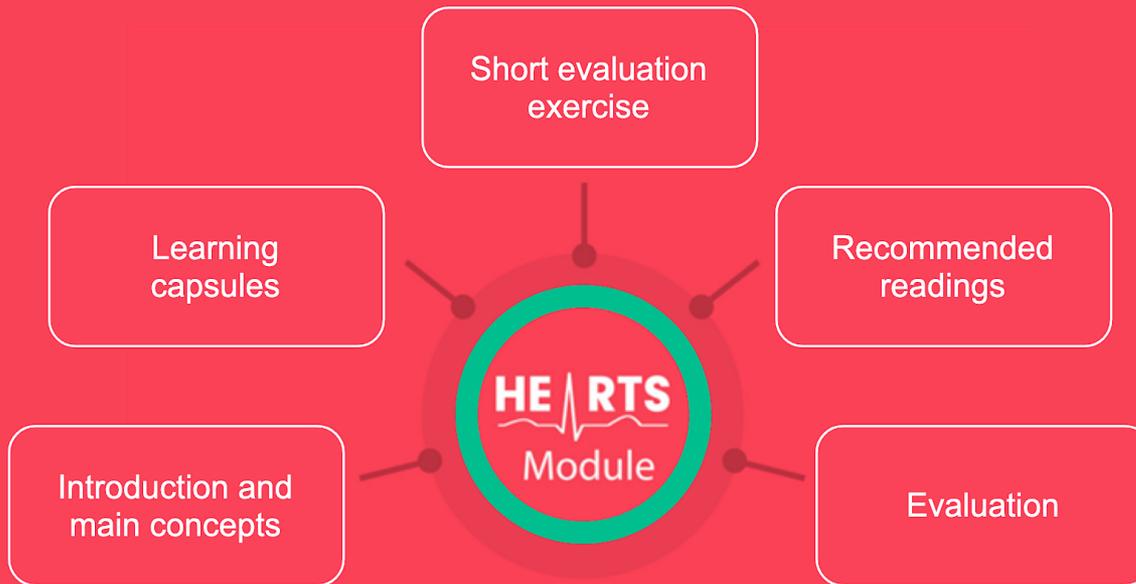
HEARTS
MODULE 3
"Healthy-lifestyle counseling"

HEARTS - Team based care

Team-based care

Gloria P. Gonzalez, PhD, DrPH
Pan American Health Organization
Washington, DC, United States

PAHO World Health Organization





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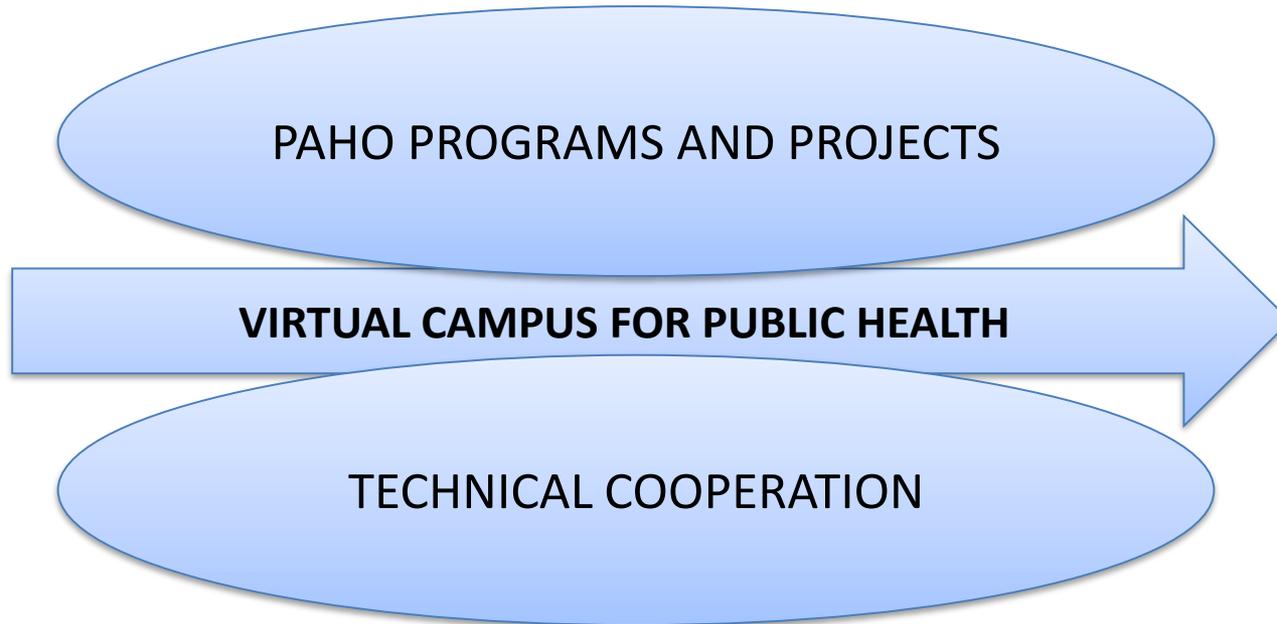


Advantages and Resources of the Virtual Campus for Public Health of PAHO/WHO

Lic. Carlos León, VCPH/PAHO

Technical coordinator of the Virtual Course on the
Implementation of the HEARTS technical packages in PHC

The VCPH and the PAHO Mission.



www.campusvirtualsp.org

The **Virtual Campus for Public Health** is a network of people, institutions and organizations that share courses, resources, services and activities related to education, information and knowledge management in training. It aims to improve the skills and practices of the public health workforce

Welcome to the Virtual Campus for Public Health of PAHO/WHO.

Log in [Create an account](#)

www.campusvirtualesp.org

The VCPH is a space to **share** the skills of health workers in the Americas.



Self-learning courses



Courses with tutoring



Countries courses



Call for applications



Educational materials of courses completed

Search courses

Search

Clear

Courses by **category of topics**



Communicable Diseases and Environmental Determinants of Health



Health Systems and Services



Knowledge Management and Publications



Evidence and Intelligence for Health Action



Non-communicable Diseases and Mental Health



VCPH Network



Virtual Classrooms



Help Desk



Open Educational Resources



Virtual Course on the Implementation of the HEARTS Technical Package in Primary Health Care

0. Welcome remarks
- I. Course structure and content
- II. Framework of the Global HEARTS Initiative
- III. Healthy-lifestyle counseling
- IV. Evidence-based treatment protocols
- V. Access to essential medicines and technology
- VI. Risk based CVD evaluation and management
- VII. Team-based care
- VIII. Systems for monitoring
- IX. Implementation
- X. Implementation and research
- XI. Cost
- XII. Course wrap up



 Course program

 Help Desk



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HOME

Self-learning courses

These courses are open access, you can complete them at your own pace without defined times and independently. When it comes to specific recipients, access will be closed to new registrations.

Course name

Language

- Any -

Apply

Reset



Virtual Course on the Implementation of the HEARTS Technical Package in Primary Health Care



Curso virtual sobre la implementación del paquete técnico HEARTS en la Atención Primaria de Salud



Manejo de la hipertensión arterial para equipos de atención primaria



Diálisis Peritoneal para el Equipo Multidisciplinario del primer nivel de atención



Prevención secundaria de enfermedades cardiovasculares para el equipo del primer nivel de atención

SELF-LEARNING (SELF-PACED)



Autonomous learning itinerary



627,000 health professionals in the VCPH



Automatic course completion certificates



Collaborative follow-up with course coordinators

cvsp@paho.org

i Inquires about course's content



If you have any questions or concerns about the academic content of the modules, please send them [here](#).

i Help Desk



Contact Us through our [Help Desk](#).



Participation Certificate

The Pan American Health Organization
certifies that:

Admin CVSP

has participated in and passed the:

**Virtual Course on the Implementation of the HEARTS Technical
Package in Primary Health Care**

Offered through the Virtual Campus for Public Health

23 July 2019



Dr. Carissa F. Etienne
Director



Questions and answers

Moderator: Dr. Gloria Giraldo / Cardiovascular
Diseases Specialist. PAHO/WDC



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Closing remarks
Dr. Pedro Orduñez
Regional Advisor - PAHO/WDC