











HEARTS is the most important initiative for the prevention and control of cardiovascular diseases (CVDs), with an emphasis on hypertension control and secondary prevention at the global level.

HEARTS is spearheaded by the World Health Organization involving various global actors, including the *Centers for Disease Control and Prevention of the United States (CDC)* and the *Resolve to Save Lives* initiative, the *International Society of Hypertension, International Society of Nephrology*, the *World Hypertension League*, and the *World Heart Federation* and *World Diabetes Federation*, among others.

In the Americas, the Pan American Health Organization guides the implementation of HEARTS with the leadership of the ministries of health of Argentina, Barbados, Chile, Colombia, Cuba, the Dominican Republic, Ecuador, Panama, Saint Lucia, Trinidad and Tobago, and, recently, the inclusion of Peru. Furthermore, Mexico is preparing to enter the network of countries implementing HEARTS.

The HEARTS Global Initiative promotes the adoption of technical packages such as MPOWER for tobacco control, SHAKE for the reduction of salt consumption, REPLACE for the elimination of transfats, and HEARTS for the clinical management of conditions related to CVDs. These packages facilitate the implementation of the initiative and catalyze the fulfillment of the global goals related to noncommunicable diseases.

The HEARTS regional workshop is being held in parallel with the Interamerican Society of Cardiology Congress and has the following objectives:

- To train the trainers of the national HEARTS implementing teams by presenting the state of the art in the prevention and control of cardiovascular diseases and the new tools developed by the initiative, including the HEARTS technical package;
- To share best practices and challenges resulting from the implementation of HEARTS in the Americas: and
- To contribute to the expansion of HEARTS in the Region by promoting the incorporation of new countries and strengthening the network of participating countries.

The HEARTS workshop will feature world-class experts and implementers who are demonstrating the viability of this initiative in over eight countries in Latin America and the Caribbean.

Tuesday, May 14th 2019

07:00 - 8:00 **Registration**

08:00 – 8:30 Workshop Objectives and Program, Pedro Ordúñez, PAHO

08:30 - 9:00 Welcome and opening event

- Alma Morales, World Health Organization/Pan American Health Organization Representative
- Neftaly Vasquez, Vice-minister of Public Health, Dominican Republic
- Chanel Rosa, Executive Director of the National Health Service, Dominican Republic
- Patricia Richter, Global Noncommunicable Diseases Branch Chief, Division of Global Health Protection, Centers for Disease Control and Prevention, United States
- Marc Jaffe, Vice President, Resolve to Save Lives Initiative, United States
- Anselm Hennis, Pan American Health Organization

09:00-10:00 Panel: Global context of the HEARTS initiative

Moderators: Norm Campbell, University of Calgary, Canada & Sonia Angell, United States

- Global HEARTS, an overview HEARTS. Taskeen Khan, WHO, Switzerland
- CDC: a collaborative approach on NCD. Patricia Richter, CDC, United States
- HEARTS in the Americas. Pedro Ordúñez. PAHO. United States

10:00-10:30 First Cohort of HEARTS in the Americas | Implementing Countries

Cuba: Yamilé Valdés, National Technical Hypertension Commission of the Ministry of Health, Cuba International Consultant: Norm Campbell. Canada

10:30-11:00 Break and networking

11:00-12:15 HEARTS Technical Package Review

Moderators: Taraleen Malcolm, PAHO -Trinidad and Tobago & Javier Maldonado, Colombia HEARTS technical package and implementation guide. Kristy Joseph, CDC, United States

Module H: Healthy Lifestyle. Kenneth Connell, Barbados

Module T: Team-based care, Gloria Giraldo, PAHO, United States

12:15-13:30 Lunch

13:30-14:45 Implementation Session | Science of implementation - Key concepts

Moderators: Marc Jaffe. United States and Gloria Giraldo. PAHO. United States

- Implementation. Framework and Key concepts. Ludovic Reveiz, PAHO, United States; and Vilma Irazola, Argentina
- Program Evaluation: Monica LaBelle, CDC, United States

End of presentations - transition to group work

Wednesday, May 15th 2019

08:00-08:30 **Program of the day**

Kristy Joseph, CDC, United States

08:30-0930 Science and Rationale | Panel: Hypertension Clinical Assessment

Moderators: Yamilé Valdés, Cuba and Daniel Pineiro, Argentina

- Blood Pressure Assessment in Clinical Practice and Clinical Research. Norm Campbell, Canada
- BP Devices. Recommendations from the Lancet Commission on Hypertension. James Sharman. Australia
- Data matter. South Carolina Hypertension Program. Brent Egan, United States

09:30-10:00 First Cohort of HEARTS in the Americas | Implementing Countries

Chile: Carolina Neira, Ministry of Health

International Consultant: Donald DiPette, United States

10:00-10:30 Break

10:30-12:00 HEARTS Technical Package Review

Moderators: Eric Zuñiga, Chile and Jorge Victoria, PAHO, Panama

Module E: Evidence-based Treatment Protocols. Donald DiPette, United States

Module Diabetes. WHO Diabetes Guideline and Diabetes in PEN Gojka Roglic. WHO, Switzerland

Module A: Access to Medicines and Technology with emphasis on BP devices, James Sharman, Australia

12:00-13:30 Lunch

13:30-14:45 Second Cohort of HEARTS in the Americas | Implementing Countries

HEARTS in the Americas: second cohort of countries

Moderators: Ramón Martínez, PAHO, United States; and Patrice Lawrence Williams, PAHO; Barbados

- Trinidad and Tobago: Rohit Doon, Ministry of Health International Consultant: Kenneth Connell, Barbados
- Argentina: Andres Rosende, Ministry of Health International Consultant: Donald DiPette, United States

End of presentations - transition to group work

Thursday, May 16th 2019

08:00-08:30 **Program of the day**

Taskeen Khan, WHO, Geneva, Switzerland

08:30-0930 Science and Rationale | Panel: Hypertension Treatment and Control

Moderators: Patricio López-Jaramillo, Colombia and Gojka Roglic, WHO, Switzerland

- Recommended treatment protocols to improve management of hypertension globally.
 Marc Jaffe. Resolve to Save Lives. United States
- Implementing HEARTS in India. Anupam Khungar Pathni, Resolve to Save Lives, India

09:30-10:00 Countries of the 1st cohort of HEARTS in the Americas

09:00-10:00 First Cohort of HEARTS in the Americas | Implementing Countries

Moderators: Maria Cristina Escobar, PAHO-Chile and Deliana Kostova, CDC

Colombia: Javier Maldonado, Ministry of Health

International Consultant: Sonia Angell, United States

Barbados: Barry Ward, Ministry of Health

International Consultant: Kenneth Connell, Barbados

10:00-10:30 Break

10:30-12:00 HEARTS Technical Package Review

Moderators: Rohit Doon, Trinidad and Tobago and Sonia Quezada, PAHO, Ecuador

Module S: Systems for Monitoring. Norm Campbell, Canada

New York City Hypertension Data Hub. Ernesto Fana, United States

Framework of Health Gaps. Ramón Martínez, PAHO, United States

12:00-13:30 Lunch

13:30-14:45 Second Cohort of HEARTS in the Americas | Implementing Countries

Moderators: Ludovic Reveiz, PAHO & Carolina Neira, Chile

Panama: Elsa Arenas, Ministry of Health

International consultant: Patricio Lopez-Jaramillo, Colombia

Ecuador: Lucia Cevallos, Ministry of Health

International consultant: Norm Campbell, Canada

End of presentations - transition to group work



World Hypertension Day Observance

08:00-08:20 Joint conference opening - Pan American Health Organization (PAHO) and the Inter-American Society of Cardiology (IASC)

Anselm Hennis, PAHO, Washington Gustavo Restrepo, IASC

08:20-08:30 **Program of the day**

Pedro Ordúñez, PAHO-Washington, United States

08:30-10:00 Panel. Hypertension: a global priority

Moderators: Donald DiPette, United States and Kenneth Connell, Barbados

- Why hypertension is urgent and important? Norm Campbell, Canada
- Hypertension population-based approach. Sonia Angell, United States
- ACC/AHA and ESC/ESH Guidelines. More similar than different. Paul Whelton, United States
- Hypertension control and secondary prevention in LAC. Patricio Lopez-Jaramillo, Colombia

10:00-10:30 Break

10:30-12:00 Panel. Critical technical issues common to implementing countries. Reports from experts and work groups.

Moderators: Pedro Ordunez, PAHO, Patricia Richter, CDC and Marc Jaffe, Resolve to Save Lives Participation of technical table leaders

13:30-14:45 Panel: American College of Cardiology and Inter-American Society of Cardiology Moderators: Fernando Wyss, IASC and Marcelo Orias, Chile

• 2019 ACC/AHA CVD Primary Prevention Guidelines - pending confirmation. Richard Kovacs



- Initiatives of the World Heart Federation and global Initiatives. Daniel Pineiro, American College of Cardiology, Argentina
- IASC position on the polypill. Alvaro Sosa Liprandi, IASC, Argentina
- Initiatives and priorities of IASC, Gustavo Restrepo, SIAC, Colombia

15:00-16:00 Virtual resources

Moderators: Alina Perez, PAHO- Cuba & Gloria Giraldo, PAHO

- Centers for Disease Control and Prevention, CDC Deliana Kostova, United States
- Resolve to Save Lives Initiative and Johns Hopkins University.
 Meg Farrell, United States
- World Hypertension League and Latin American Society of Hypertension.
 Norm Campbell and Patricio Lopez-Jaramillo
- Inter-American Society of Cardiology and American College of Cardiology Gonzalo Lopez, IASC, Daniel Pineiro, American College of Cardiology
- PAHO Virtual Campus of Public Health. Gloria Giraldo, PAHO

16:00-16:30 Closing

PAHO Strategy to Scale-up HEARTS in the Americas. Next Steps. Pedro Ordúñez, PAHO

Closing remarks:

Anselm Hennis, PAHO.

Gustavo Restrepo, IASC,

Patricia Richter, CDC,

Marc Jaffe, Resolve to Save Lives,

Ministry of Health Representative, Dominican Republic











