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Major Themes

The Global Burden of Non-Communicable Disease (NCDs) with emphasis on Cardiovascular Disease (CVD)

Emergence of the Global Cardiovascular Nursing Leadership Forum (GCNLF)

The GCNLF: Mission, Goals and Activities (Past, Ongoing & Future)

World Health Organization (WHO) and World Heart Federation (WHF): “25 by 2025” and GCNLF

Optimizing the Role of Nurses and Nursing as Leaders in Global CVD Prevention
The Global Burden of CVD

Major cause of morbidity and premature mortality in men and women worldwide.

Low and middle income countries bear the major burden

Accumulated data clearly underscore the important role of life course prevention

Global Prevalence of Ischemic Heart Disease
The 10 Leading Causes of Death by Sex, Global, 2012

**Male**
- Ischaemic heart disease
- Stroke
- COPD
- Lower respiratory infections
- Trachea, bronchus, lung cancers
- Road injury
- HIV/AIDS
- Diarrhoeal diseases
- Diabetes mellitus
- Cirrhosis of the liver

**Female**
- Stroke
- Ischaemic heart disease
- Lower respiratory infections
- COPD
- Diabetes mellitus
- Diarrhoeal diseases
- HIV/AIDS
- Hypertensive heart disease
- Breast cancer
- Prematurity

Percent of deaths in the sex group

*Department of Health Statistics and Information Systems; June 2014*
The Burden of Chronic Disease 2008-2030

CVD Deaths by High & Low Income Countries

Source: JACC © 2008 American College of Cardiology Foundation
The World Economic Forum estimates that chronic disease will cost the global economy more than US$47 trillion between 2010 and 2030.

Minas, Harry; Melbourne School of Population and Global Health; Mental Well-being and Disability: Toward Accessible and Inclusive Sustainable Development Goals”; 2 December, 2014
Background: GCNLF

Emergence of the Global Cardiovascular Nursing Leadership Forum (GCNLF):

Launched as an International Project of the Preventive Cardiovascular Nurses Association (PCNA)
Rationale for GCNLF

- ~12 million nurses form the largest health care discipline managing cardiovascular risk factors and chronic disease globally.

- American Heart Association (AHA) and World Heart Federation (WHF) recognize the central and essential role that nurses (and other health care team members) play in supporting the goal to reduce death & disability from NCDs -notably cardiovascular disease by 25% in 2025.
Global Cardiovascular Disease Prevention: A Call to Action For Nursing

PCNA, in partnership with the American Heart Association Council on Cardiovascular and Stroke Nursing, the World Heart Federation and the Council on Cardiovascular Nursing and Allied Professionals, released *Global Cardiovascular Disease Prevention: A Call to Action for Nursing*, a scientific paper addressing the global burden of cardiovascular disease (CVD) and the important role of nurses in primary and secondary prevention.

*JCN*; July-August, 2011  
*EJCN*; July-August, 2011
GLOBAL CARDIOVASCULAR DISEASE PREVENTION (GCVDp)

- Global Cardiovascular Disease Prevention: A Call to Action for Nursing: The Global Burden of Cardiovascular Disease
- Statements From Participating Organizations
- Global Cardiovascular Disease Prevention: A Call to Action for Nursing
- The Global Burden of Cardiovascular Disease
- Global Cardiovascular Disease Prevention: A Call to Action for Nursing: Multilevel Policies
- A Life Course Approach to Cardiovascular Disease Prevention
- Global Cardiovascular Disease Prevention: A Call to Action for Nursing: Community-Based and Public Health Prevention Initiatives
- Nurse-Based Models for Cardiovascular Disease Prevention: From Research to Clinical Practice
- Preparing Nurses for Leadership Roles in Cardiovascular Disease Prevention

*Supplement to Volume 26, Number 45, July-August 2011
Global Cardiovascular Disease Prevention: A Call to Action For Nursing

The content of this paper and articles in the supplement reflect a major shift in recognition of the need to address chronic diseases around the world with new approaches to CVD risk reduction

*JCN*; July-August, 2011

*EJCN*; July-August, 2011
Lessons Learned

Importance of global, collaborative nursing efforts focused on CVD prevention

Reaffirmation of the potential for nurses & nursing as leaders in global CVD prevention & management

Need for additional education and training: acquiring clinical competencies & developing leadership and advocacy skills

*JCN;* July-August, 2011; *EJCN;* July-August, 2011
Global Cardiovascular Nursing Leadership Forum (GCNLF)

Designed (outset) to champion a global nursing movement for CVD & Stroke prevention across the lifespan of individuals & families from both developed & developing countries (high-, low- and middle-income countries)
Mission of GCNLF is to engage and mobilize an international community of nurse leaders to promote prevention of CVD & Stroke world wide through research, education, policy and advocacy.
GCNLF: Goals

Champion a global nursing movement for CVD & stroke prevention across the lifespan of all individuals & families

Empower nurses worldwide on the science and practice of health promotion and CVD and stroke prevention

Empower nurses as leaders in CVD and stroke prevention
Promote working collaboratively with other healthcare providers, international organizations and key stakeholders dedicated to the prevention of CVD and stroke.

Develop practices, policies and educational programs that help nurses around the world adhere to evidence-based practice guidelines while taking into account advancements in CVD risk reduction and stroke prevention.
Establish an international CVD and Stroke Prevention Nurse Expert Roster

Continue with development of GCNLF microsite (housed on www.pcna.net) to host educational programs and guidelines.
Global Cardiovascular Nursing Leadership Forum (Phase I)

Inaugural (Phase I) Meeting of the Forum was held in NYC, US in October, 2014 (Convened by the Preventive Cardiovascular Nurses Association [PCNA] )

Nurse leaders from Africa, Australia, China, South America, Philippines, Middle East, European Union, United Kingdom and US attended.
Focus: Explore ways in which nursing & global nursing organizations could support the CVD risk reduction & stroke reduction goal set by the World Heart Federation, World Health Organization & AHA: Reduce non-communicable disease (NCD) mortality by 25% by 2025

Zoghbi et al., European Heart Journal, 2014:
Smith et al., J Am Coll Cardiol., 2012
Drs. Valentin Fuster & Martha Hill were keynote speakers:
Emphasized the importance of CVD and stroke prevention (life course approach)

Emphasized the burden of disease in low and middle countries

Illustrated importance of training of health care professionals in CVD and stroke prevention

Emphasized potential roles for nurses & nursing in practice, research, and advocacy relevant to CVD & stroke prevention

Hayman, Berra, Houston Miller & Fletcher, *J Am Coll Cardiol*, 2015
The Role of Nurses in Promoting Cardiovascular Health Worldwide

The Global Cardiovascular Nursing Leadership Forum

Laura L. Hayman, PhD, MSN,* Kathy Berra, MSN, NP-BC,† Barbara J. Fletcher, RN, MN,‡ Nancy Houston Miller, RN, BSN§
Emerging Themes from Inaugural Meeting with Implications for GCNLF

1. Strong commitment of nurses to global CVD prevention

2. Need for standardization of education & training in CVD prevention

3. Need for data demonstrating impact of nursing interventions on patient outcomes

4. Importance of partnerships with key stakeholders including World Health Organization & World Heart Federation
“25 BY 2025”: A Game Changer for the Cardiovascular Disease Community

World Health Organization

• “an historic target to reduce premature deaths from non-communicable diseases (NCDs) by 25 % by the year 2025”

• Endorsed at the World Health Assembly in May 2012

• 194 WHO Member States signed on to support and endorse this historic decision by the WHO

Challenges & Opportunities

• Cost-effective, feasible solutions exist and were presented by the WHO as the best and most efficient way of reducing premature mortality.

• United Nations agencies are attempting to incorporate NCDs into financial assistance plans to provide funds necessary to reduce premature NCD mortality.

• CVD recognized as major contributor to global burden of NCDs

• Advocacy remains critical to success.
Challenges & Opportunities

Success will depend on:

• Strengthening health systems
• Access to essential medications
• Inclusion of multidrug therapy
• Inclusion of counseling
• Evaluating the Social Determinants of Health
• Setting achievable guideline directed targets

Implementation

CVD Roadmaps:

• Translate existing knowledge of best practices, barriers, and solutions into practical strategies for improved cardiovascular health

• Focus on providing healthcare professionals and policymakers tools and solutions to prevent CVD
Roadmaps for Prevention

Reducing Cardiovascular Mortality Through Prevention and Management of Raised Blood Pressure

Reducing Cardiovascular Mortality Through Tobacco Control

Reducing Premature Cardiovascular Morbidity and Mortality in People With Atherosclerotic Vascular Disease: Secondary Prevention of Cardiovascular Disease

Key Roadmaps www.cvdroadmaps.org

GCNLF

GLOBAL CARDIOVASCULAR NURSING LEADERSHIP FORUM

PCNA

PREVENTIVE CARDIOVASCULAR NURSES ASSOCIATION
WHO – A Call to Action

“The Window of Opportunity is now”

“Over 10 years with multidrug therapies and counseling 18 million lives could be saved.”

Multilevel Policy and Advocacy Initiatives
Policy and Advocacy at the WHF: Paving the Way to ‘25 by 25’
Role(s) of World Heart Federation (WHF)

Policy + Advocacy x Network = CVD elevated on global agenda

- **Policy**: recommendations, legislation and other mechanisms used to catalyse change
- **Advocacy**: raising awareness and political will among key decision-makers
- **Network**: WHO, UN, politicians, civil society, WHF members, GCNLF, and more!

- **Why?**
  - ✔ Greater awareness
  - ✔ Stronger policies
  - ✔ Unlocked resources
  - ✔ Multisectoral cooperation
  - ✔ Sustainability and accountability
  - ✔ Better health outcomes
Goals & Objectives

“A 25% relative reduction in premature mortality from NCDs (including CVD, cancer, lung disease, diabetes) by 2025.”
- WHO Global Action Plan on NCDs 2013-2020

“By 2025, to drive the WHO target for NCD mortality reduction by reducing premature deaths from CVD by at least 25%”
- World Heart Federation’s ‘Vision’

“By 2030, reduce by one third premature mortality from NCDs through prevention and treatment and promote mental health and well-being”
- Target 3.4 of the SDGs
Special Interests

1) WHF CVD Roadmap topics
   Secondary prevention
   Raised blood pressure
   Tobacco control
   **RHD (through RHD Action)**

2) Access to Medicines

3) Migrant Health

4) Women’s and Adolescents’ Health
Global Policy

1) Engaging with official WHO processes and workplans:
   *e.g. RHD Resolution*

2) Inputting into other UN Body and Civil Society consultations:
   *e.g. ECHO: Ending Childhood Obesity*

3) Analysis of the global development policy environment
   *e.g. FfD3: Third Conference on Financing for Development*
National Policy

1) Sugar-sweetened beverage tax in Mexico (2015)

2) Plain packaging policies on tobacco:
   Australia (rolled-out 2012)
   France, Ireland, UK (from mid-2016)
   Norway (pledged on 31 May 2016)

3) CVD Scorecards
Global Advocacy
Build on accomplishments to date
Related to our mission and goals
Reflect needs (themes) identified by nurses (GCNLF I & pre- GCNLF II Survey)
Designed to optimize role of nurses & nursing in global CVD prevention & management
Ultimate Goal: Reduce global risk & burden of CVD ("25x2025")
Pre-GCNLF II Survey
Reasons for Attending

- Network with “like-minded” global colleagues
- Contribute to CVD prevention on a global level
- Help develop effective nurse led prevention strategies worldwide
- Promote the role of nurses as leaders in global CVD prevention
- Learn how to advocate for global CVD prevention
- Learn more about “25 by 2025”
Would you be interested in attending a leadership-training course on the following topics?

- Advocacy: Yes - N=18, No - N=15
- Policy: Yes - N=15, No - N=13
- CVD Prevention: Yes - N=13, No - N=13
GCNLF II: Next Steps/ Agenda

- Provide information & skills building focused on identified learning needs essential to promote nurses as leaders in global CVD prevention
- Identify challenges & opportunities by region/country
- Develop & rank short & long term goals & strategies for implementation
Participants return to home region/country with a realistic and achievable plan (including strategies for implementation) focused on prevention/management of CVD
Ultimate GOAL

Improve Cardiovascular Health
For all Peoples of the World
THE FUTURE IS NOW
Thank you!

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