



GLOBAL HEART FAILURE AWARENESS PROGRAMME

Heart failure: preventing disease and death worldwide

Regional perspectives



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Heart failure: preventing disease and death worldwide

Middle Eastern perspective

Dr Khalid F AlHabib

Associate Professor of Medicine and
President of the Saudi Heart Association

King Saud University

Riyadh, Saudi Arabia

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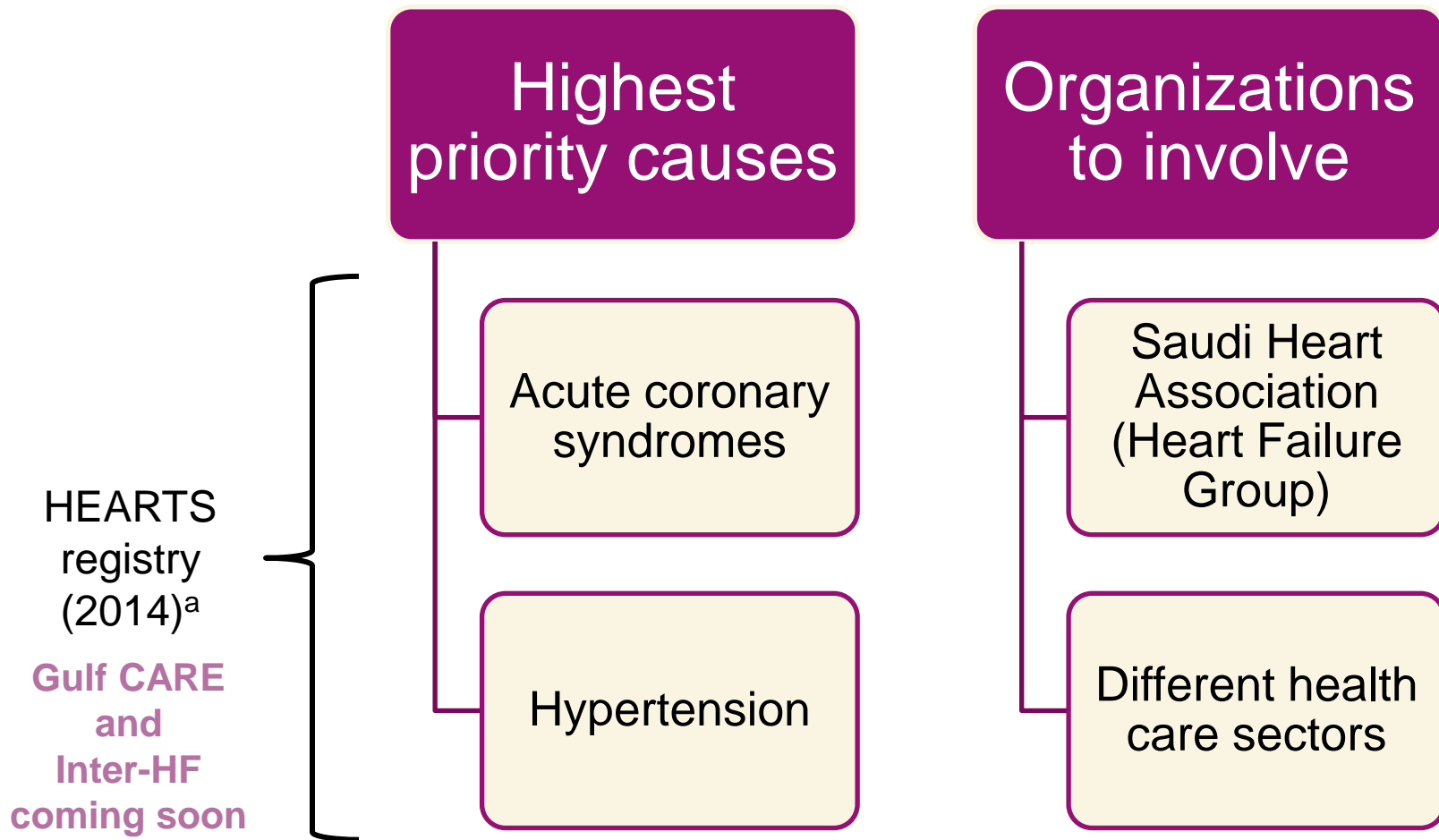


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Preventing heart failure in Saudi Arabia



Improving equity of care in Saudi Arabia

Main driver of inequity

- Poor access to a proper heart failure care system
 - Non-Saudis
 - Northern and Southern regions

Potential policy collaborations

- Joint meetings to increase stakeholder awareness
- Public awareness campaigns

Providing long-term care, education and support for patients with heart failure



Current provision in Saudi Arabia

Few heart failure clinics

Disease management programmes not well developed

Potential policy interventions

Primary healthcare infrastructure

Universal health care system or health insurance

Public awareness campaigns

Support for comprehensive heart failure programs

Encouraging heart failure research in Saudi Arabia



Research priorities

- Join European heart failure surveys (as was done for percutaneous coronary intervention)^a?
- Study rates of safe discharge, re-admission and in-hospital mortality.



Potential funding bodies

- King Abdulaziz City for Science and Technology
- Prince Nayef Health Research Centre
- Saudi Council for Health Services
- Pharmaceutical companies



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North American perspective

Professor Thomas L Force

Temple University School of
Medicine

Philadelphia, PA, USA



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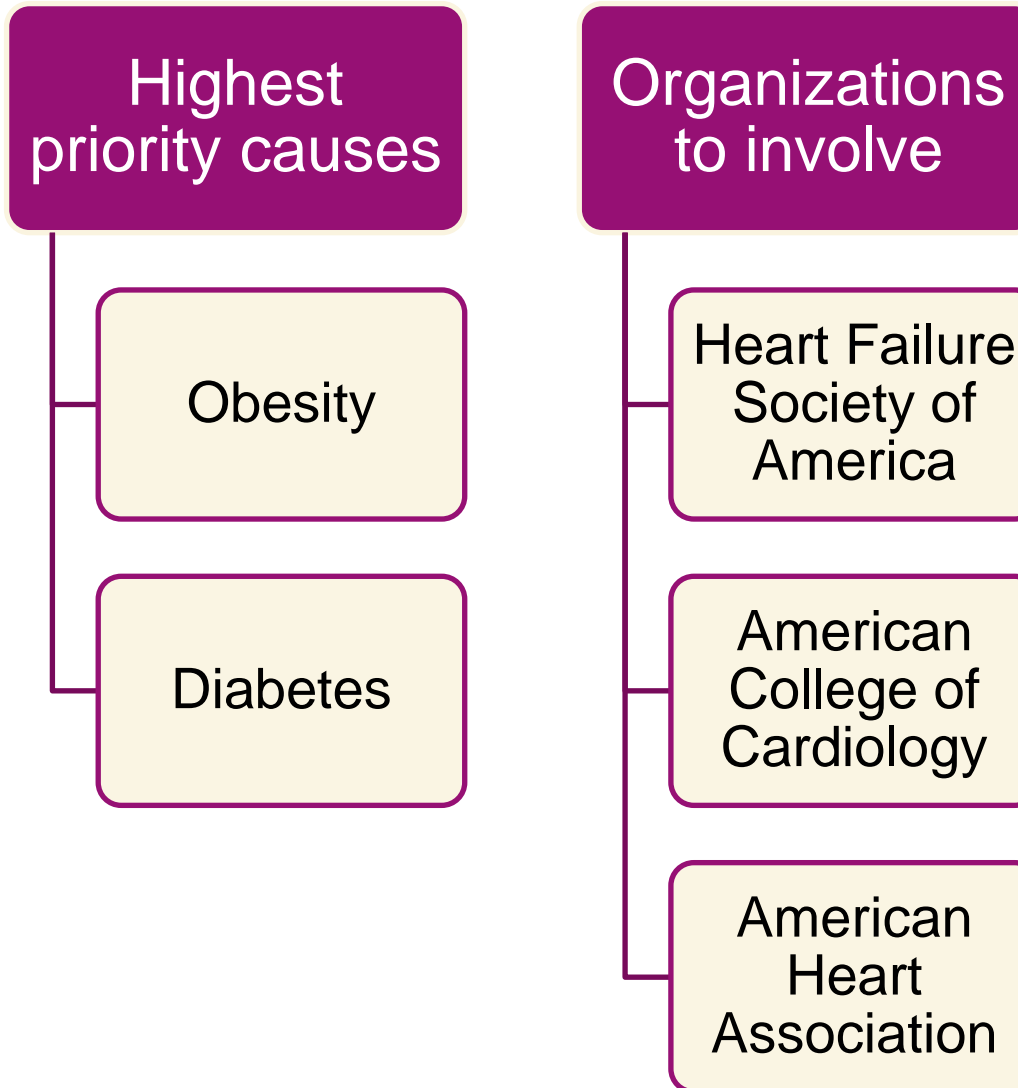
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Preventing heart failure in the USA



Improving equity of care in the USA

Drivers of inequity

- Poverty
- Lack of health insurance pre-‘Obamacare’

Potential policy collaborations

- Strong advocacy needed in Congress
- Politicians largely motivated by re-election

Providing long-term care, education and support for patients with heart failure

Current
provision in
USA

Hit or miss

Dependent
on income
and access

Often not
exploited by
patients

Potential
policy
interventions

Recommend
minor role for
government

Identify
'champions'
in Congress

Reverse
research cuts

Encouraging heart failure research in the USA



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Research priority

- Heart failure with preserved ejection fraction



Potential funding bodies

- National Institutes of Health
- National Heart, Lung and Blood Institute
- Gates Foundation
- New charitable foundations



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Australasian perspective

Professor Henry Krum

Monash University

Melbourne, Australia



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Preventing heart failure in Australia

Single highest
priority cause

Idiopathic dilated
cardiomyopathy

Organizations to
involve

National Heart
Foundation of
Australia

Improving equity of care in Australia

Key driver of inequity

- Aboriginal ethnic origin

Potential policy collaborations

- Education
- Training of indigenous healthcare workers

Providing long-term care, education and support for patients with heart failure



Current provision in Australia

Very little

Potential policy interventions

Ensure epidemiology is understood

Increase funding for educational and healthcare resources

Encouraging heart failure research in Australia



Research priority

- Epidemiology of chronic heart failure



Potential funding bodies

- Heart Foundation of Australia
- National Medical and Health Research Council



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Indian perspective

Dr Vishal Rastogi

Fortis Escorts Heart Institute

New Delhi, India



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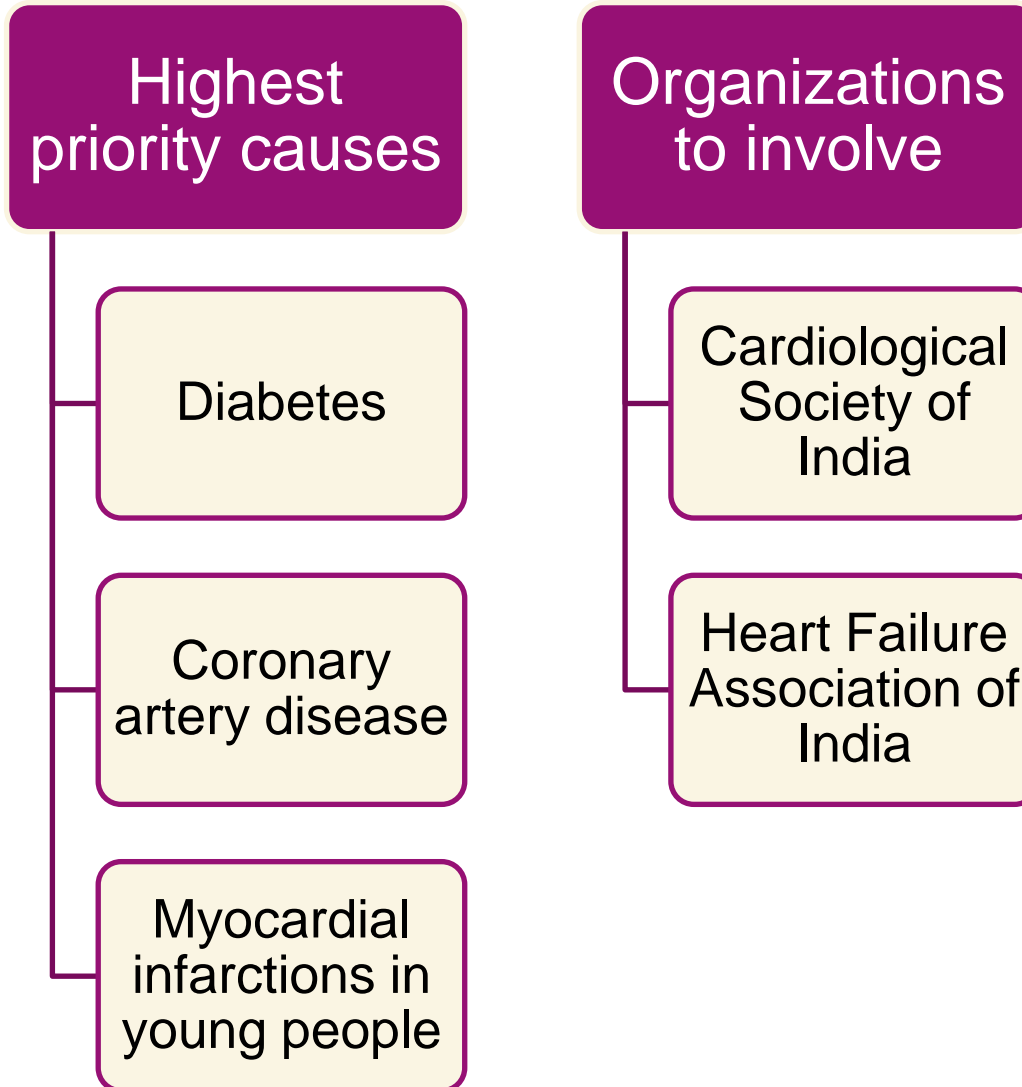
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Preventing heart failure in India



Improving equity of care in India

Drivers of inequity

- High cost of healthcare
- No public health insurance
- Lack of medical expertise outside cities

Potential policy collaborations

- Public awareness campaigns
- Medical education
- Indian registries and research

Providing long-term care, education and support for patients with heart failure



Current provision in India

Practically no long-term care

Very few centres with heart failure clinics

Potential policy interventions

Put heart failure on government priority list

Develop common platform for healthcare professionals and policy-makers

Encouraging heart failure research in India



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Research priorities

- Nutritional factors (eg iron deficiency)
- Early-onset coronary artery disease



Potential funding bodies

- Indian Council of Medical Research



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Latin American perspective

Professor Luis E Rohde

Hospital de Clínicas de Porto Alegre and
Hospital Moinhos de Vento

Federal University of Rio Grande do Sul

Porto Alegre, Brazil

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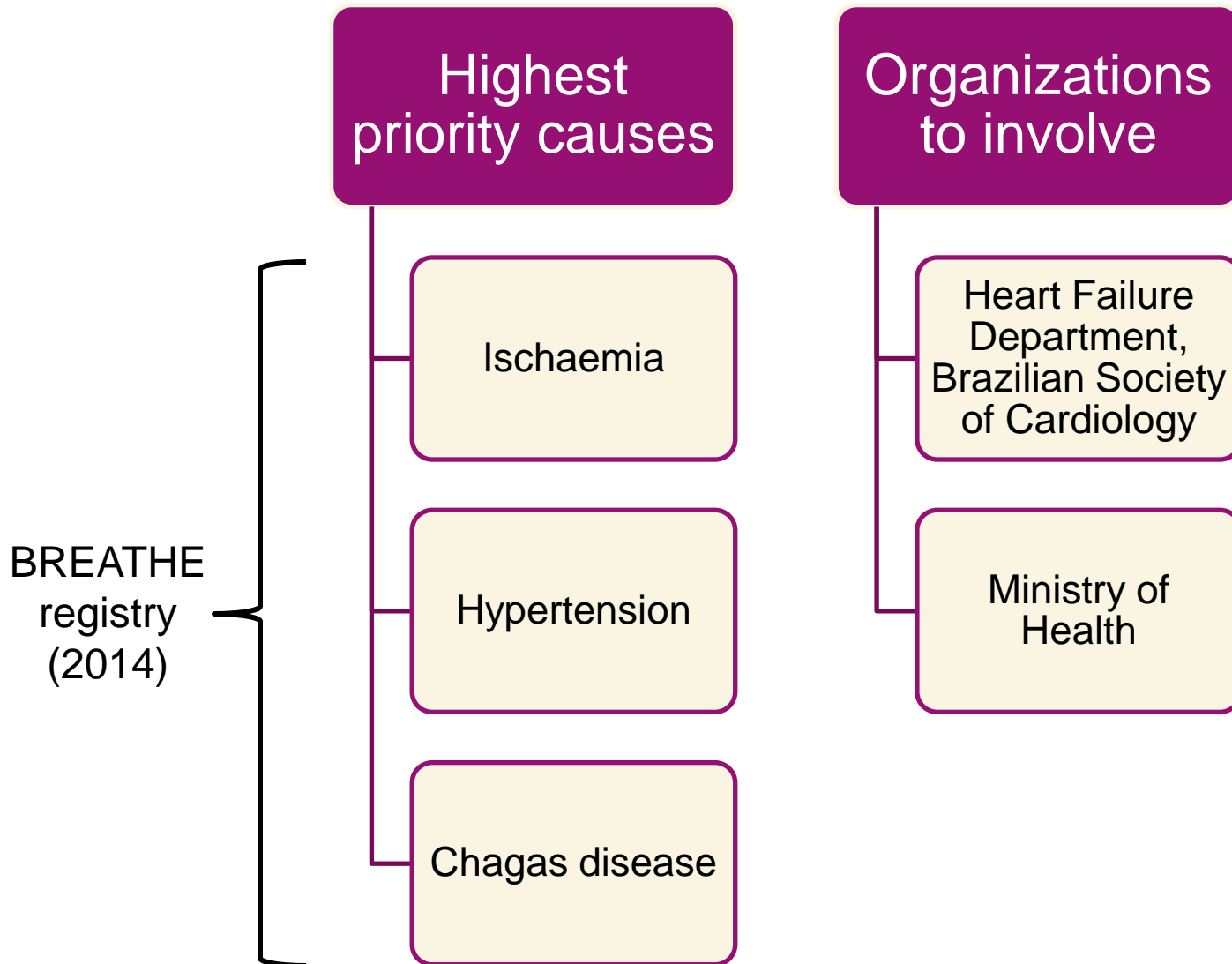


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Preventing heart failure in Brazil



Improving equity of care in Brazil

Drivers of inequity

- 65% of patients with acute heart failure are hospitalized in the public healthcare system
- Public system patients have inadequate access to medications and devices

Potential policy collaborations

- Public awareness campaigns
- Medical education

Providing long-term care, education and support for patients with heart failure

Current provision in Brazil

Some heart failure clinics

Not enough specialized multidisciplinary teams

Few advanced heart failure centres

Potential policy interventions

Brazilian constitution mandates universal access to healthcare

Heart failure needs immediate prioritization

Encouraging heart failure research in Brazil



Research priority

- Heart failure epidemiology
- Heart failure prevention
- Chagas disease



Potential funding bodies

- Federal agencies
 - CNPQ (R\$ 4.5 billion)
 - CAPES (R\$ 5.3 billion)



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Asia-Pacific perspective

Professor Bambang Budi Siswanto
University of Indonesia, National
Cardiovascular Center Harapan Kita
Jakarta, Indonesia

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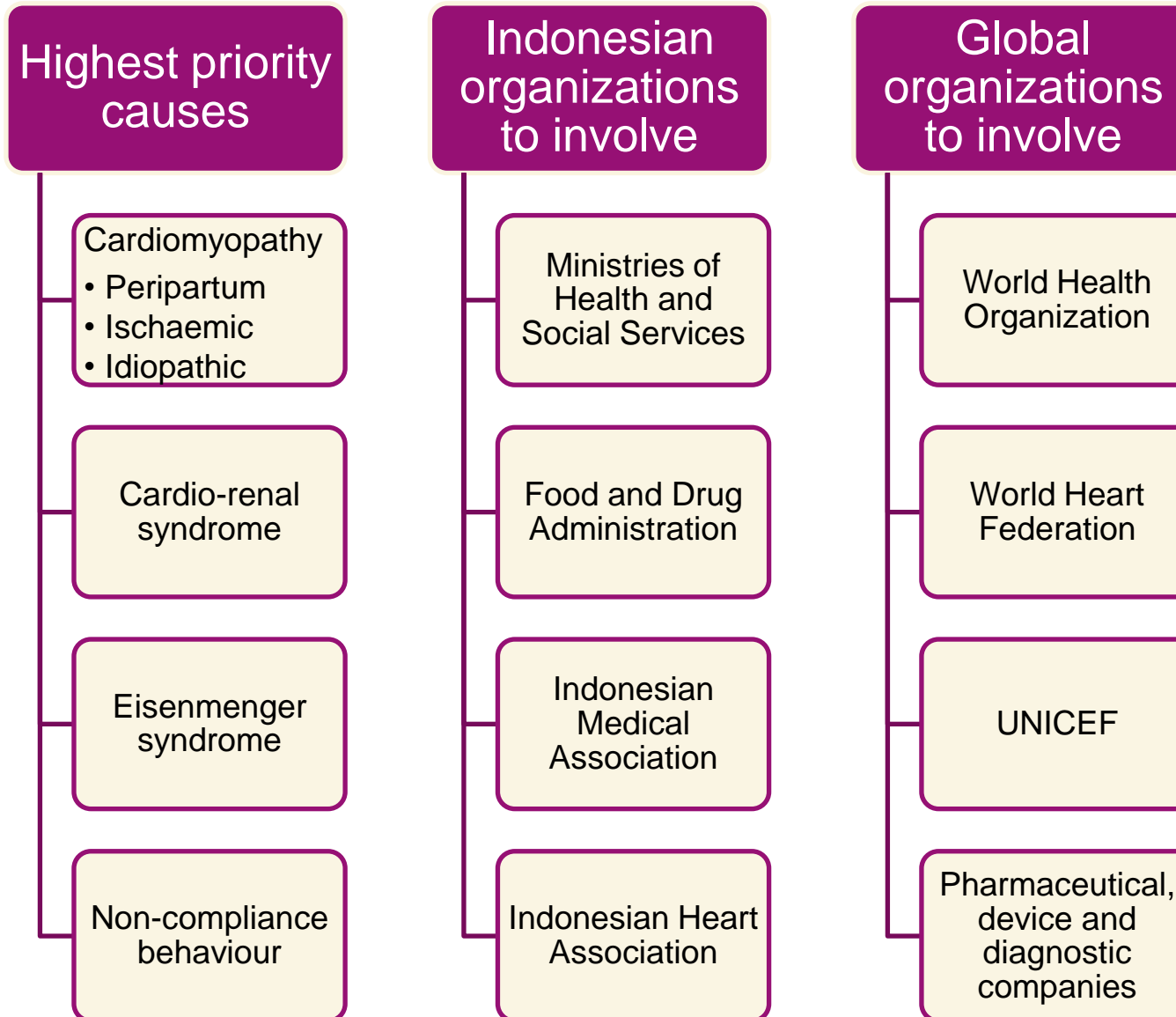
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Preventing heart failure in Indonesia



Improving equity of care in Indonesia

Drivers of inequity

- Socio-economic factors
- Different healthcare services in urban and rural areas

Potential policy collaborations

- Ministries of Health and Social Services
- Academia, government and business

Providing long-term care, education and support for patients with heart failure

Current
provision in
Indonesia

More heart
failure nurses
and social
workers are
needed

Potential
policy
interventions

Improved
nursing and
welfare
provision

Prevention
campaign

Promotion of
healthy lifestyles

Encouraging heart failure research in Indonesia



Research priorities

- Peripartum cardiomyopathy
- Ischaemic cardiomyopathy
- Post-viral myocarditis
- Valvular rheumatic heart disease



Potential funding bodies

- Pharmaceutical companies
- Device and diagnostics companies
- Indonesian government



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African perspective

Professor Karen Sliwa

Hatter Institute for Cardiovascular Research
in Africa, University of Cape Town

Cape Town, South Africa



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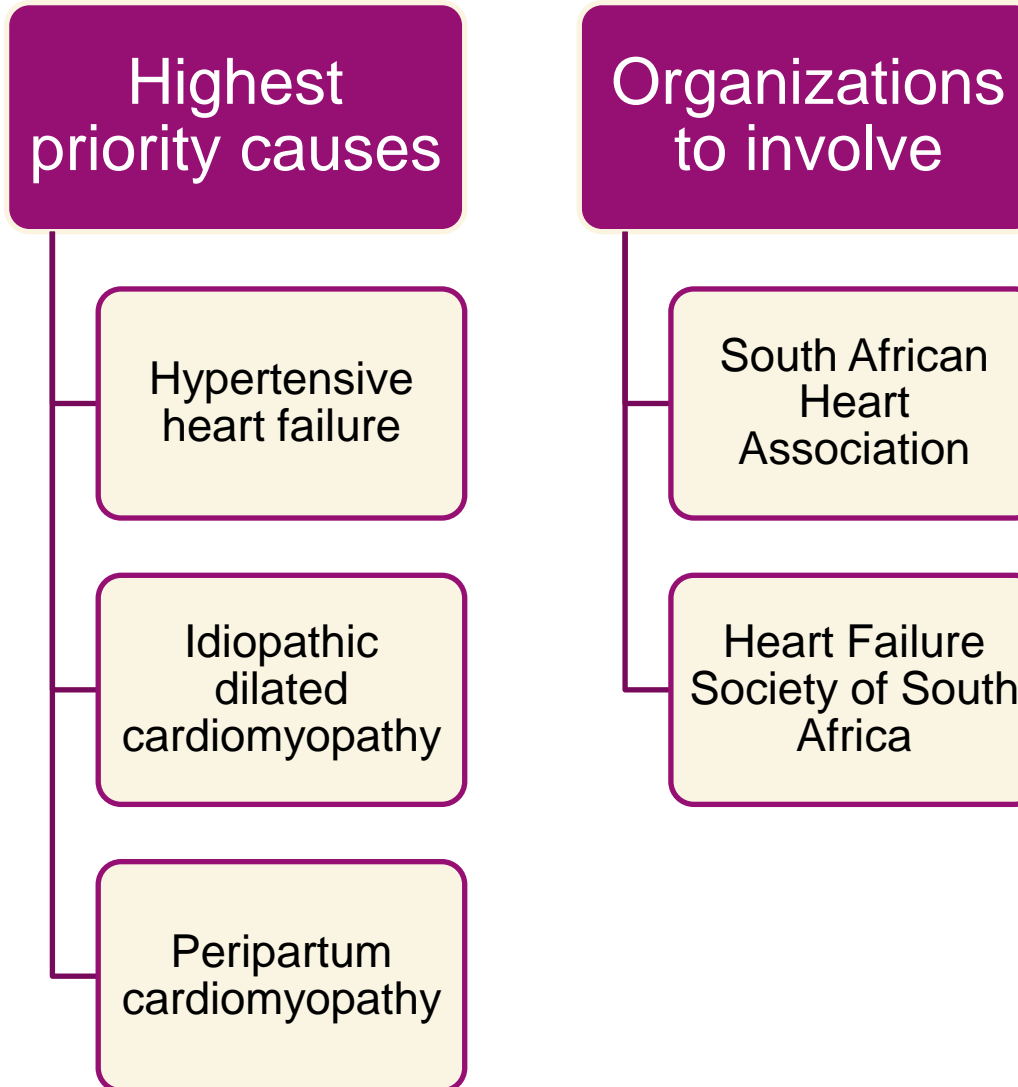
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Preventing heart failure in South Africa



Improving equity of care in South Africa

Drivers of inequity

- Lack of awareness of heart failure
- Shortage of specialists
- Limited funding

Potential policy collaborations

- Invite policy-makers to meetings
- Supply publications and guidelines

Providing long-term care, education and support for patients with heart failure



^aSliwa K, Mayosi BM. *Heart* 2013; 99:1317–22.

Priorities for prevention, treatment and research in Africa



- Prevention
 - Adopt UN recommendations for preventing non-communicable diseases
 - Integrate control of high blood pressure and infectious diseases
- Treatment
 - Increase use of proven medications for heart failure
 - Follow-up patients with peripartum cardiomyopathy for >2 years
 - Screen the families of patients with peripartum/dilated cardiomyopathy
- Research
 - Trial novel, unproven and controversial heart failure therapies
 - Determine true prevalence of coronary artery disease
 - Study cost-effectiveness of genetic testing for inherited cardiomyopathies
 - Assess burden of disease and temporal trends after interventions

Encouraging heart failure research in South Africa



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Research priorities

- Contributory factors in Africa
- Cost-effective management
- Use of technology and social media for health education
- Peripartum cardiomyopathy



Potential funding bodies

- South African research councils
- International partnership grants
- Universities
- Pharmaceutical companies
- Foundations

