# STRENGTHENING THE HEALTH SYSTEM TO ADDRESS NCDS IN WOMEN

OPPORTUNITIES TO MEET WOMEN'S COMPREHENSIVE HEALTH NEEDS USING A LIFE COURSE APPROACH

### **SETTING THE STAGE**

NONCOMMUNICABLE DISEASES AFFECT WOMEN IN LOW- AND MIDDLE-INCOME COUNTRIES (LMICS) AT ALARMING RATES WITH OFTEN DISPROPORTIONATELY POOR HEALTH OUTCOMES.

#### CARDIOVASCULAR DISEASE

The #1 killer of women in the world

Causes 8.6 million deaths among women annually, 1/3 of all deaths in women worldwide

Women in LMICs who develop cardiovascular disease are more likely to die from it than comparable women in industrialized nations<sup>ii</sup>

#### CANCER

By 2025, there will be an estimated 8.9 million annual cases and 4.8 million annual deaths in women globally, and the proportions in less-developed regions will increase to 60% and 68%, respectively<sup>™</sup>

Breast cancer is the most common cancer in women (25% of all new diagnoses); it is also the most frequent killer, followed by lung and colorectum

Cervical cancer, which is preventable through vaccination and screening, kills 266,000 women each year; 86% of these deaths are in LMICs

#### DIABETES

80% of the estimated 382 million people with diabetes live in LMICs<sup>iv</sup>

Globally, 84% of all people who are undiagnosed with diabetes live in LMICs<sup>IV</sup>

More than 21 million live births were affected by diabetes during pregnancy in 2013, increasing the risk to mothers and newbornsiv

#### DEPRESSION

The leading cause of disease burden for women in LMICs<sup>i</sup>

Perinatal depression has been reported in all cultures. Rates in LMICs range from 18% to 25%

### CHRONIC RESPIRATORY DISEASE

Over one third of premature deaths from chronic obstructive pulmonary disease (COPD) in adults in LMICs are due to exposure to household air pollution

Women exposed to high levels of indoor smoke are 2.3 times more likely to suffer from COPD than women who use cleaner fuels<sup>vi</sup>

Almost 90% of COPD deaths occur in LMICs



## **INCREASING ACCESS: INTEGRATION SOLUTIONS**











POST MENOPAUSE

INTEGRATED SOLUTION									
					PREVENTION				
Promote Maternal Nutrition, Monitor BMI, and Assess Blood Glucose and Blood Pressure	•				•				
Promote Sustained Breast- Feeding thru First Year	•	•			•				
Hepatitis B vaccination									
Prompt Treatment of Strep Infections		•	•						
Take Family History of Cancer			•		•				
Monitor BMI for Healthy Weight			•	•	•	•		•	
Provide Healthy Lifestyle Education and Counseling (Incl. Tobacco Cessation and Smokefree Public Places)	•		•	•	•	•	•	•	
HPV Vaccination				•					
Promote Clean Air in the Household	•	•	•	•	•	•			•
	SCREENING								
Mental Health Screening				•	•	•	•	•	
Screening for Blood Pressure, Cholesterol, and Blood Sugar					•	•		•	•
Breast, Colorectal, and Cervical Cancer Screening; Removal of Precancers of the Cervix and Colorectum					•	•		•	
					CARE & TREATMENT				
Treatment of Gestational Diabetes					•				
Treat Rheumatic Heart Disease		•	•	•		•			
Care and Treatment for Diabetes, Hypertension and Cardiovascular Disease					•	•		•	
Care and Treatment for Depression	•			•	•	•	•	•	
Appropriate Treatment for Cancers					•	•		•	
Palliative Care						•			





**UNDERSTAND** YOUR **FPIDEMIC** 



**DEDICATE FUNDING TO** NCD EFFORTS



ADAPT AND IMPLEMENT GLOBAL **FRAMEWORKS** AND GUIDELINES





























#### **KEY GLOBAL NCD GUIDANCE**

- WHO 2013-2020 Global Action Plan for the Prevention and Control of Noncommunicable Diseases
- · WHO Strategy on Diet, Physical Activity and Tobacco Use
- · WHO Prevention of CVDs Pocket Guidelines for Assessment and Management of CVD Risk
- · WHO Essential Medicine List
- WHO Guidelines for Screening and Treatment of Precancerous Lesions for Cervical Cancer Prevention
- · WHO Comprehensive Cervical Cancer Control: A Guide to Essential Practice
- · WHO Mental Health GAP Action Programme Intervention Guidelines for Low-Resource Settings
- WHO/The Union Collaborative Framework for Care and Control of Tuberculosis and Diabetes
- WHO Guidelines for Indoor Air Quality: Household Fuel Combustion
- IDF Clinical Practice Guidelines for Type 2 diabetes, Diabetes in Children and Adolescents, and Pregnancy and Diabetes

### **KEY RESOURCE LIST**

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