Achieving a Grand Convergence in Women’s Health by 2035

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Global Health 2035: WDR 1993 @20 Years

1993: World Bank’s World Development Report

- Evidence-based health expenditures are an investment in health and economic prosperity
- Additional resources should be spent on cost-effective interventions to address high-burden diseases

2013: The Lancet Commission on Investing in Health

- Examines progress since 1993 & re-examines the case for investing in health
- Proposes health investment framework for LICs and MICs
- Provides roadmap to achieving gains in global health through a ‘grand convergence’
1993-2013: Extraordinary Economic Progress

Movement of populations from low income to higher income between 1990 and 2011
1993-2013: Extraordinary Health Progress

Female life expectancy at birth for select countries compared to the frontier
The frontier line indicates female life expectancy in the best-performing country in that year, which has been Japan for the past 20 years.
Mortality Decline Was Faster in Women than Men in Most Countries

Annual rates of decrease in adult mortality by sex and income group, 1992-2012

- Least developed countries
- Less developed countries (excluding least developed countries)
- More developed countries
- China
- India
MDGs Were Catalytic

“Substantial progress since the Millennium Declaration is an encouraging sign of the effect of global action”

Unprecedented Mobilization of Aid for Health

Figure from Financing Global Health 2013, IHME
Scientific Innovations Played a Role
2015-2035: Three Domains of Health Challenges

- **Unfinished agenda**: High rates of avertable infectious, child, and maternal deaths
- **Emerging agenda**: Demographic change and shift in GBD towards NCDs and injuries
- **Cost agenda**: Impoverishing medical expenses, unproductive cost increases

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GLOBAL HEALTH 2035
Global Health 2035: 4 Key Messages

A grand convergence in health is achievable within our lifetime.

The returns from investing in health are extremely impressive.

Fiscal policies are a powerful, underused lever for curbing non-communicable diseases and injuries.

Progressive pathways to universal health coverage are an efficient way to achieve health and financial protection.
Global Mortality Gap for Women and Children

Maternal mortality ratio (modeled estimate per 100,000 lives)

Low-income countries

High-income countries

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Now on Cusp of a Historical Achievement:

*Nearly All Countries* Could Converge by 2035
Strategy 1: Aggressive Scale-Up of Today’s Tools

- **RMNCH**, including family planning, pregnancy-related interventions, safe abortion and complications, and maternal nutrition
- **HIV**
- **Malaria**
- **Tuberculosis**
- **Neglected tropical diseases**
## Modeled Scale-Up of Maternal & Newborn Health Interventions Based on “Best Performer”

<table>
<thead>
<tr>
<th>Intervention</th>
<th>Baseline</th>
<th>2035</th>
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<tbody>
<tr>
<td>Syphilis screening in pregnancy</td>
<td>62%</td>
<td>100%</td>
</tr>
<tr>
<td>Micronutrient supplementation</td>
<td>39%</td>
<td>95%</td>
</tr>
<tr>
<td>Skilled birth assistance</td>
<td>65%</td>
<td>99%</td>
</tr>
<tr>
<td>Kangaroo mother care</td>
<td>10%</td>
<td>95%</td>
</tr>
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Strategy 2: Strengthen Health Delivery Systems

Photo: HPV vaccine, by GAVI, the Vaccine Alliance
Strategy 3: Develop Tomorrow’s Tools

Examples of new tools for women’s health under development at PATH:

• **Cryotherapy for cervical cancer prevention**

• **Affordable sanitary pad**

• **Non-pneumatic anti-shock garment**

• **Oxytocin in Uniject** to prevent postpartum hemorrhage

Photo: Non-pneumatic Anti-Shock Garment (Life Wrap), by UCSF Safe Motherhood Program
Investment ($70B/year) is Not a High Risk Venture: Rapid Mortality Decline Is Possible

Rwanda: Rapid reduction in maternal mortality ratio, 2000-2013

Maternal Mortality ratio
(modeled estimates per 100,000 live births)
Full Income: A Better Way to Measure the Returns from Investing in Health

Between 2000 and 2011, about a quarter of the growth in full income in low-income and middle-income countries resulted from VLYs gained.
Convergence Has Impressive Benefit to Cost Ratio

Cost of convergence ($70 billion/year) is 1%-3% of anticipated growth in LICs and lower MICs
Social and Economic Benefits of Family Planning

Global Investment Framework for Women's & Children's Health

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Social and Economic Benefits of Family Planning

“indicates the profound nature of the economic and social change which effective family planning makes possible”
NCDs Are Not Just Diseases of Men
Globalization and Feminization of Tobacco

“The prevalence of female smoking in developed and developing countries is likely to rise to 20% by 2025. This would mean that by 2025 there could be 532 million women smokers.”
Single Greatest Opportunity To Curb NCDs is Tobacco Taxation

50% rise in tobacco price from tax increases in China

- prevents 20 million deaths + generates extra $20 billion/y in next 50 y
- additional tax revenue would fall over time but would be higher than current levels even after 50 y
- largest share of life-years gained is in bottom income quintile
“Pro-poor” pathway to universal health coverage (blue shading)
Thank you

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