Regional Priorities for Multipurpose Prevention Technologies: the Epidemiological and Demographic Data

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Promote and strengthen sexual & reproductive health (SRH) services through:

- improving antenatal, delivery, postpartum and newborn care
- providing family planning, including infertility services
- eliminating unsafe abortion
- combating STIs, including HIV, RTIs, cervical cancer and other gynaecological morbidities
- promoting sexual health
Our Challenge:

1. Healthy timing & spacing of intended pregnancies
2. Safe birth for mother and child
3. Protection against sexually transmitted infections (STIs), including HIV

how to address the primary SRH concerns of all women?
1. Healthy timing & spacing of intended pregnancies

Contraceptive prevalence rate (%), 2000–2010

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Data Source: World Health Organization
Map Production: Public Health Information and Geographic Information Systems (GIS)
World Health Organization

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1. Healthy timing & spacing of intended pregnancies

Unmet Need for Family Planning, 2011 (WHO)

Source: WHO data map gallery
2. Safe birth for mother and child

Maternal mortality ratio (per 100 000 live births), 2010

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2. Safe birth for mother and child

Under-five mortality rate (probability of dying by age 5 per 1000 live births), 2011


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3. Protection against STIs, including HIV

HIV Prevalence, 2010

- 6.6 million people are now on antiretroviral treatment (ART)
- For every person starting ART, **two more people** are newly infected
- An additional 20 million people are predicted to acquire HIV by 2031
- Increasing potential treatment costs up to $35 billion a year

_UNAIDS, AIDS at 30: Nations at the Crossroads (2011)
R. Hecht et al., Lancet 376, 1254 (2010)._
3. Protection against STIs, including HIV

World age-standardized incidence rates of cervical cancer

ASR, age-standardized incidence rate; Rates per 100,000 women per year.
In conclusion:

Multipurpose Prevention Technologies that simultaneously protect against...

...would have a dramatic impact on the health of women in those regions of the world where these SRH concerns converge in a perfect storm of risk.
Thank you