



Multipurpose Prevention Technologies (MPTs): New reproductive health products on the horizon

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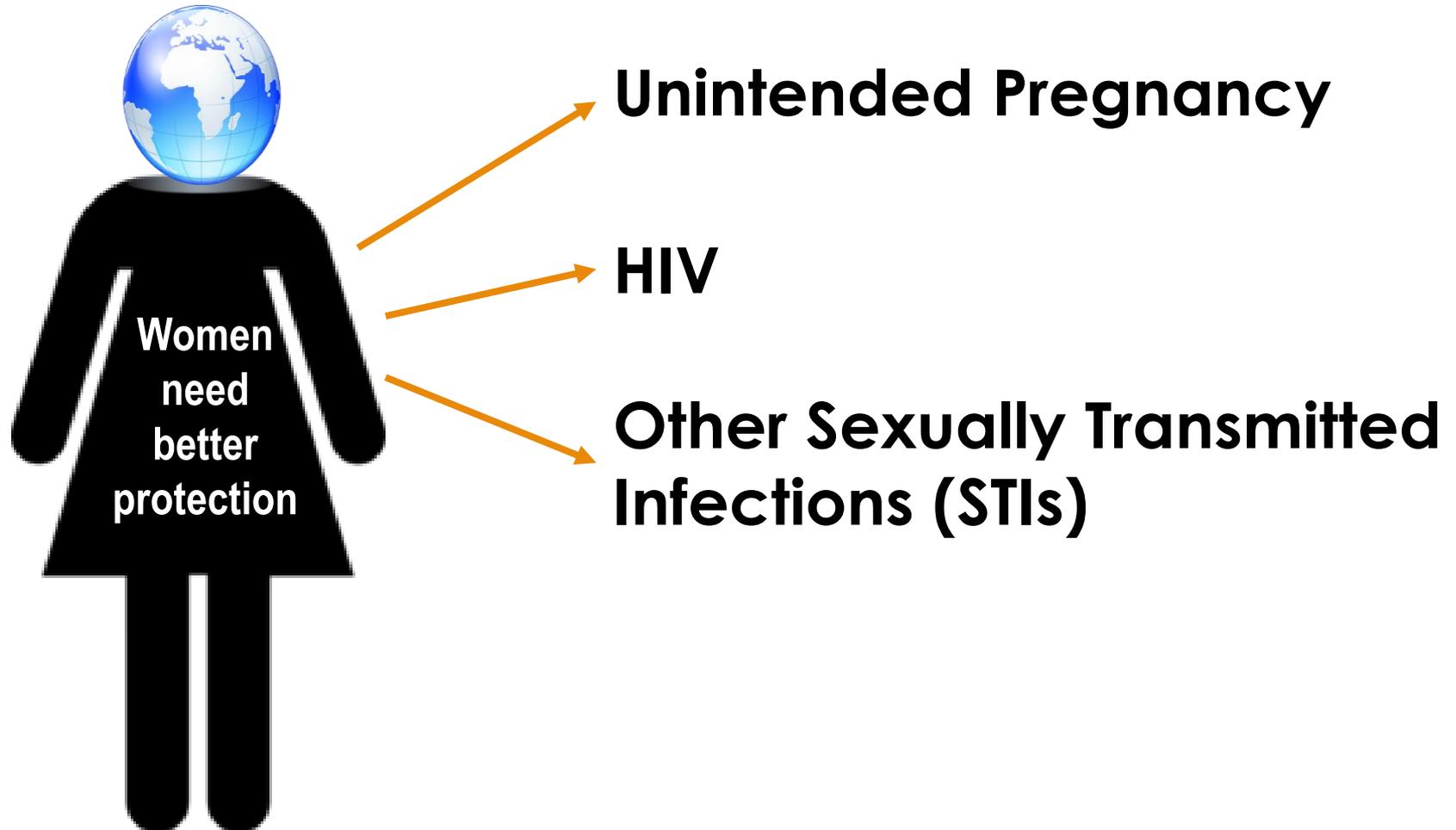
MPTs: A pipeline of promise

Bethany Young Holt, PhD MPH

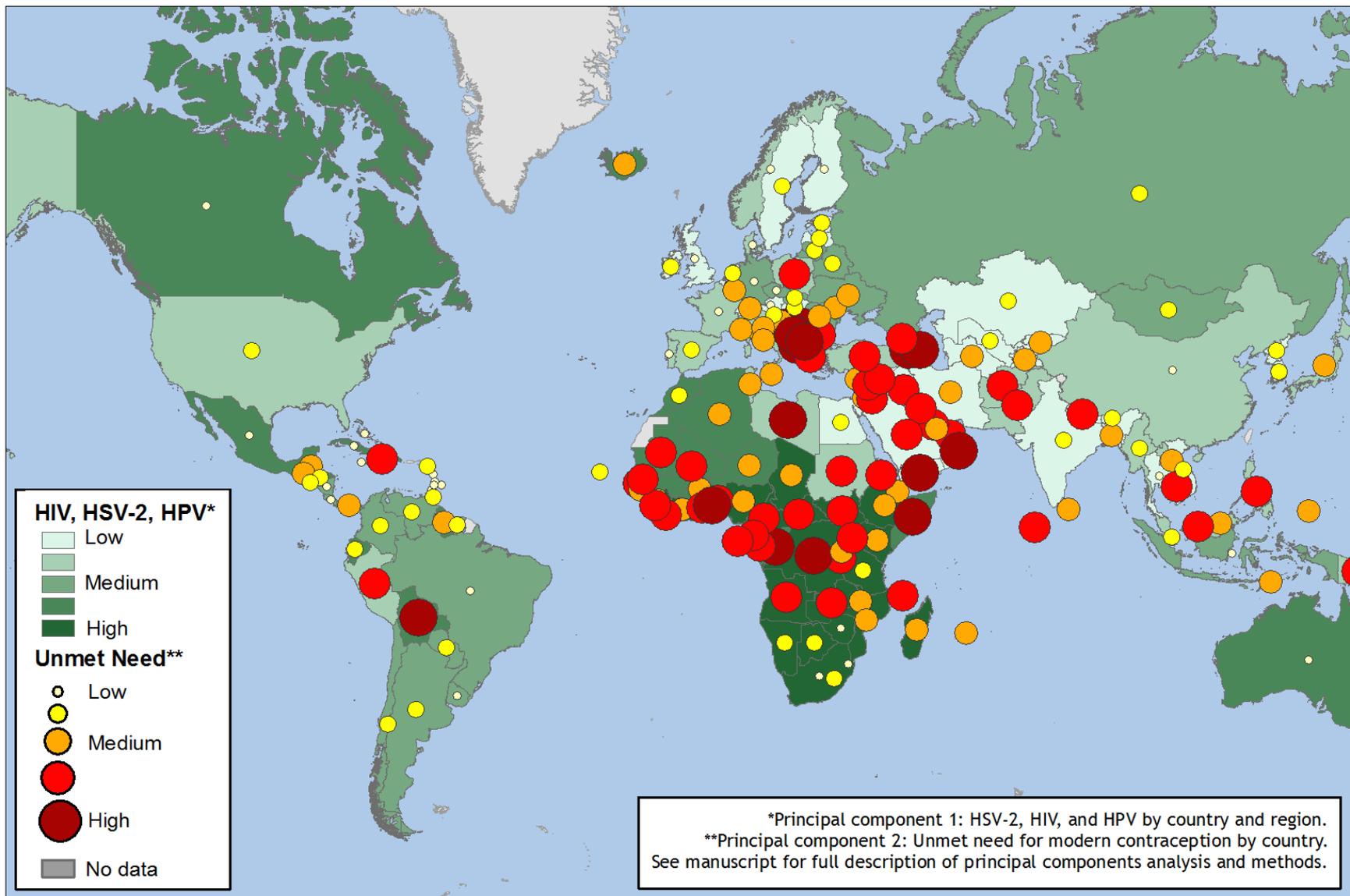
IMPT | CAMI Health



Women's Sexual & Reproductive Health Risks are Interlinked



HIV, HSV-2, HPV, and Unmet Need for Modern Contraception among Women



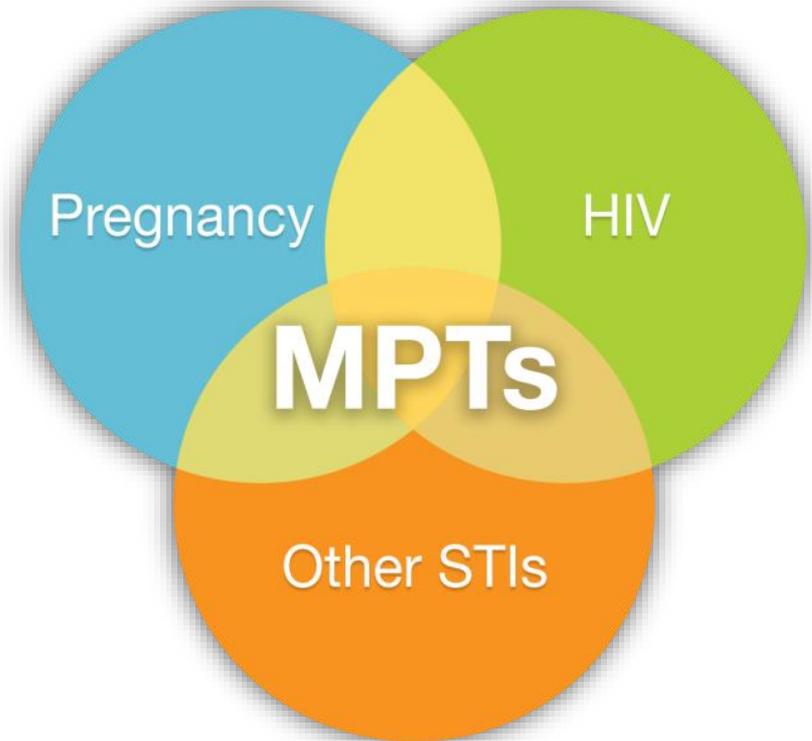
Names and boundary representation are not necessarily authoritative

GIS guidance and Principle Component Analysis provided by the **GEOCENTER**

Multipurpose Prevention Technologies (MPTs)

MPTs combine protection
against:

- Unintended pregnancy
- HIV
- Other STIs



A Suite of Products is Needed



Contraception
+ HIV & STI Prevention

Contraception
+ HIV Prevention

Contraception
+ STI Prevention

HIV
+ STI Prevention



MPTs in the R&D Pipeline

- ❑ Vaginal rings
- ❑ Innovative vaginal delivery products
- ❑ Injectables and implant technologies
- ❑ Other novel technologies and platforms



MPTs in Development

Pregnancy & HIV

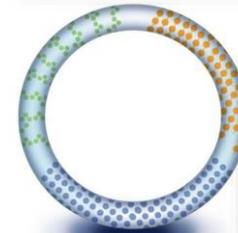
BioRings™ IVR	Early Preclinical
Dapivirine + LNG IVR	Advanced Preclinical

Pregnancy, HIV & Other STIs

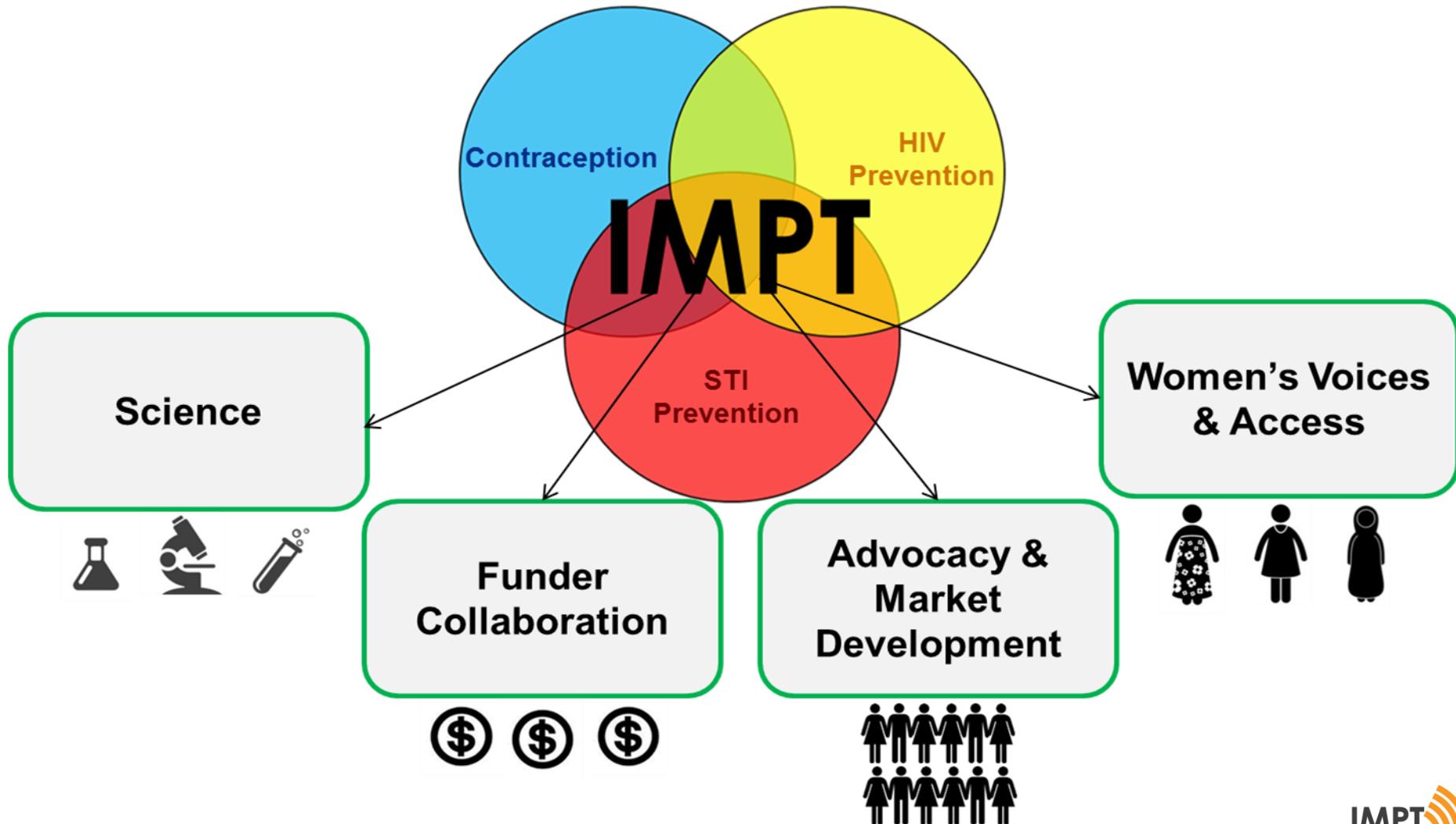
Origami Female Condom	Phase III
PPCM SAMMA Gel	Early Preclinical
SILCS + MZC Gel	Advanced Preclinical
Tenofovir + LNG IVR	Phase I

Pregnancy & Non-HIV STIs

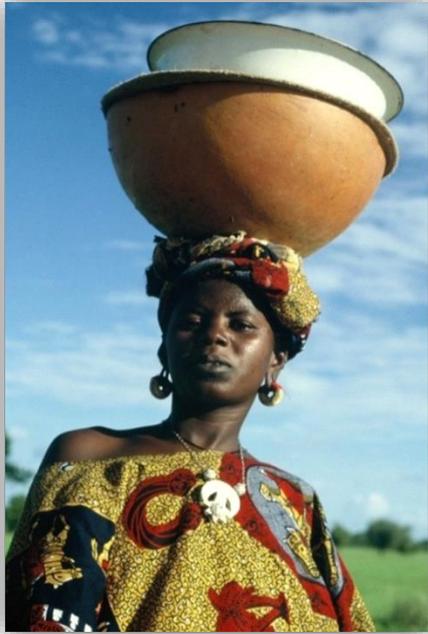
Amphora Gel	Phase II
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Initiative for MPTs



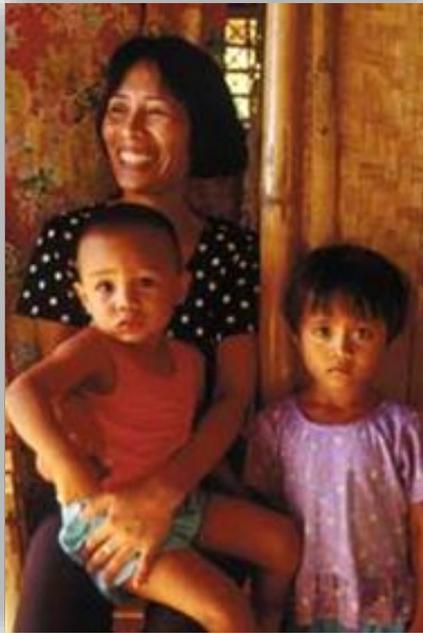
Health & Social Impact of MPTs



**Women's
Health**



SDG 3 & 5



**Child & Family
Health**



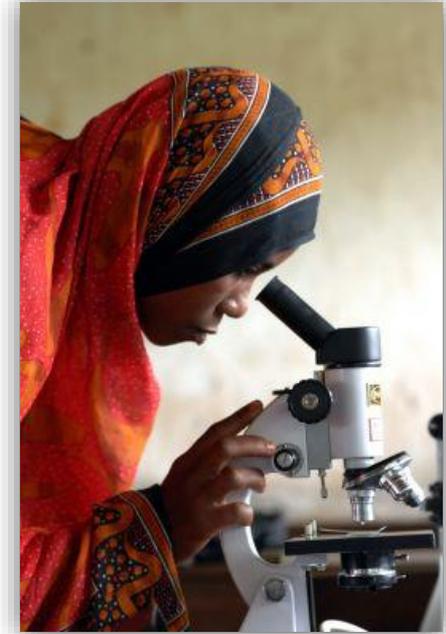
SDG 3 & 5



**Educational
Attainment**



SDG 4 & 5



**Employment &
Economic Benefits**



SDG 1, 5 & 8

Learn more about MPTs at www.MPTs101.org





Thank You!

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Against the backdrop of the Sustainable Development Goals, the need for improved, affordable and more ‘fit for purpose’ reproductive health technologies has been highlighted.

-- Helen Rees