Exploring the R&D Landscape and Potential of Multipurpose Prevention Technologies

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Unmet need for sexual and reproductive health in low- and middle-income countries

- Unintended Pregnancy
- HIV
- Other Sexually Transmitted Infections (STIs)

Pregnancy
HIV
MPTs
Other STIs
Multipurpose Prevention Technologies (MPTs) in R&D Pipeline

Examples of MPTs in development

- Fast dissolving inserts
- Segmented dual-reservoir ring
- Pod ring
- Vaginal and Rectal gels
- Long-acting injectables
- Oral pills
- Vaginal films


*Adapted from MPT Product Development Database (mpts101.org), October 2022
MPTs are potential game changers

**Opportunities**

- The **MPT field is new and dynamic**, and has greatly diversified over the past decade.
- A **wide range of stakeholders has joined the movement** for MPTs and contributed to expand the field.
- The **MPT field builds upon advances in single-indication products** relevant to MPT development (contraception and HIV PrEP).
- Overwhelmingly women **prefer an MPT over single-indication products**.
- **End-user research** is mandated and incorporated early in R&D to optimize MPT attributes that fit with women’s preferences.

**Challenges**

- R&D for MPT products is **complex** and industry involvement is limited; **many products never reach clinical development**.
- **Equitable access for L/MICs** depends on production cost, manufacturing capacity, IP sharing, and availability.
- **Integration of service delivery models** will be required to build the market.
- Reaching the full potential of MPTs requires **optimized financial investments and technical resources**.
Explore the MPT Landscape Assessment:
MPTs: Technology Landscape and Potential for Low- and Middle-Income Countries. The IMPT; Unitaid (partnership hosted by the World Health Organization); CIFF. 2021. 
http://bitly.ws/wn8G

Learn more about the Initiative for MPTs: 
TheIMPT.org

Explore the Product Development Database: 
MPTs101.org

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Thank you!

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