

Extended-Release Tri-layer Multipurpose Technology (MPT) Films for Vaginal Delivery of Anti-HIV and Contraceptive Drug Combination

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Poster # 1139

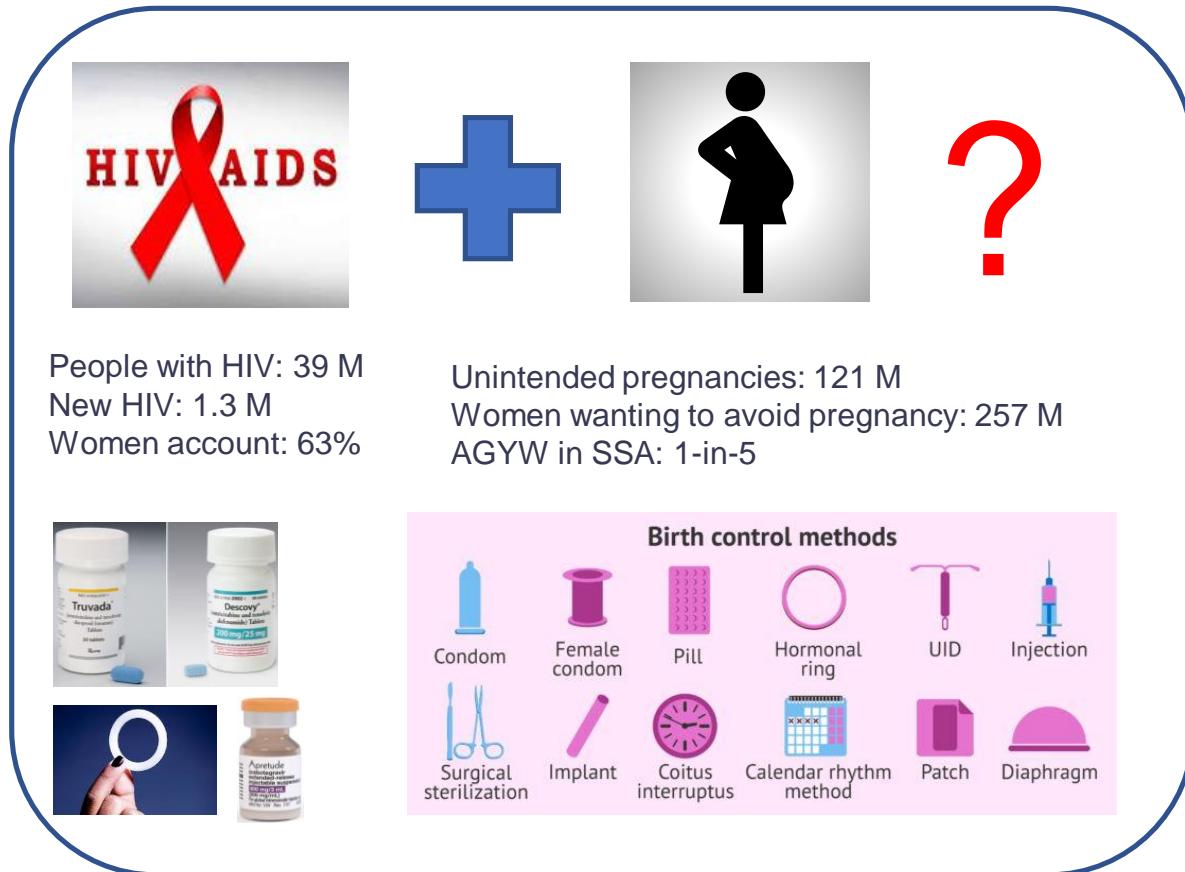
Women's Health for Everyone's Health-Technical Session IV
July 11 2024



INTEGRATING
Delivery Science
ACROSS DISCIPLINES



HIV, Unintended Pregnancy, and MPTs



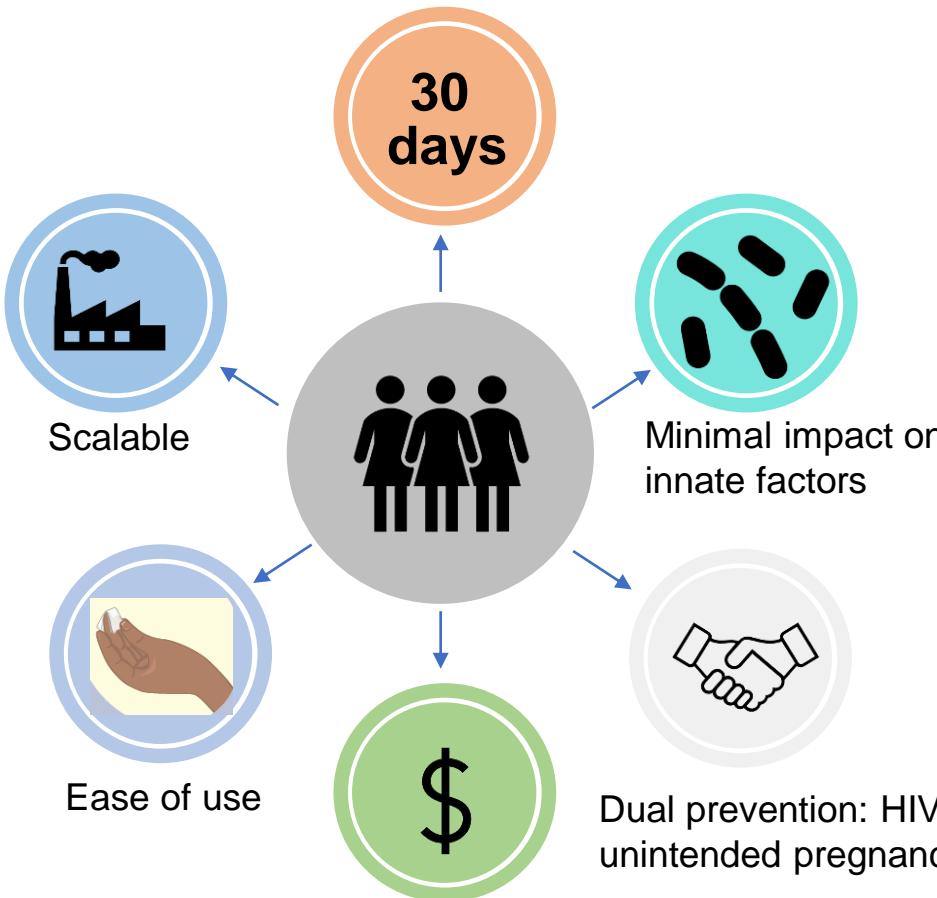
Solution: Multipurpose Technologies

- Low cost
- Female-controlled
- Discreet
- Easy to use
- Scalable and deliverable

- https://thepath.unaids.org/wp-content/themes/unaids2023/assets/files/thematic_fs_hiv_girls_women.pdf
- <https://www.unfpa.org/press/nearly-half-all-pregnancies-are-unintended-global-crisis-says-new-unfpa-report>

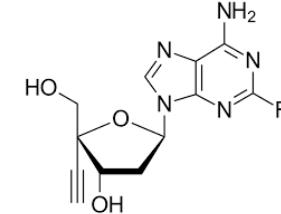
Our Solution – Vaginal Film Technology

Monthly administration



Islatravir (EFdA)

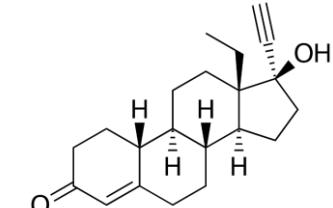
Non-nucleoside reverse transcriptase translocation inhibitor (NNRTI)



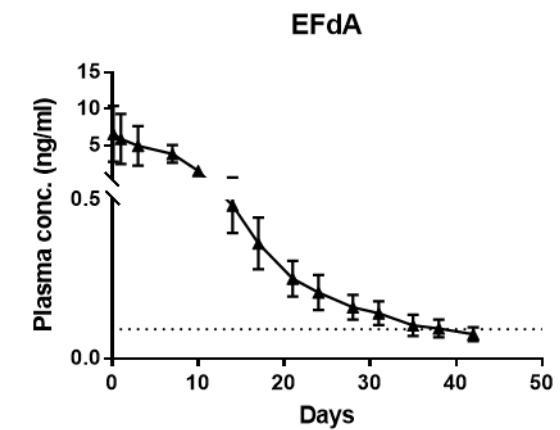
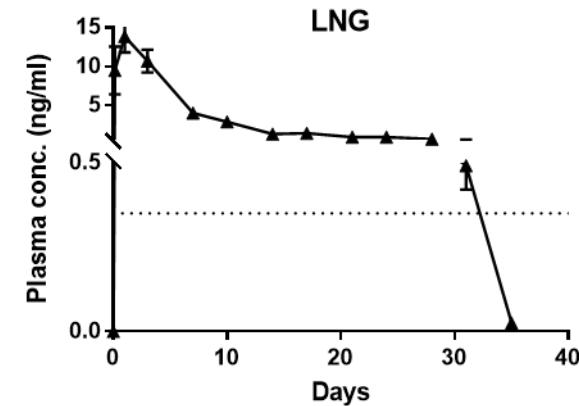
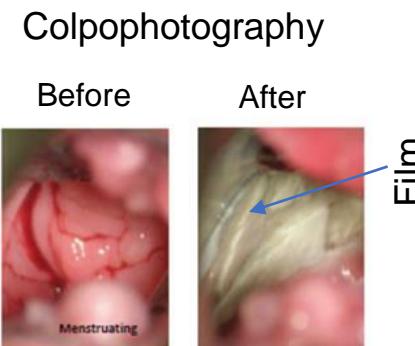
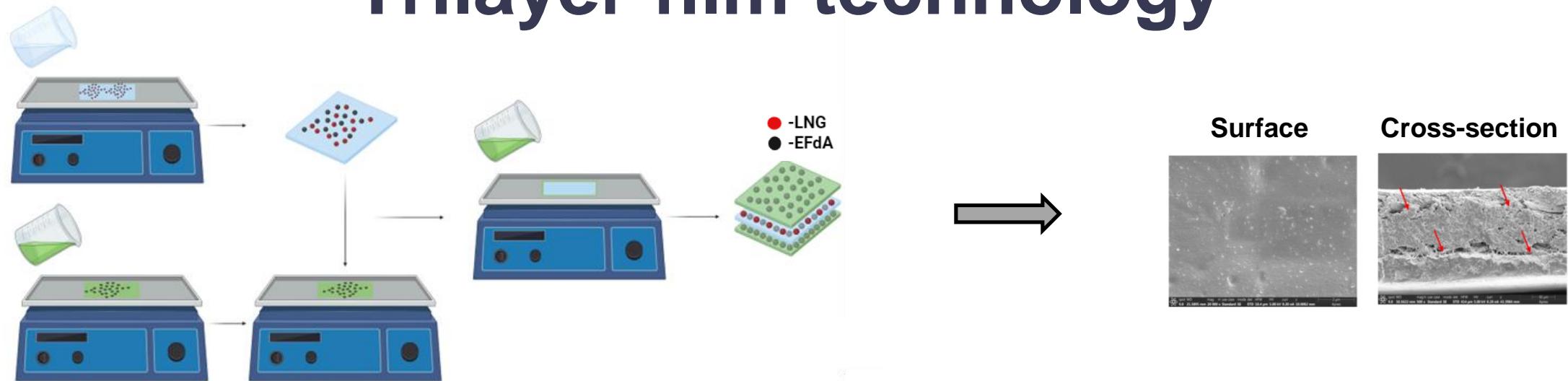
- High potency
- Long $t_{1/2}$
- Being investigated for treatment and prevention

Levonorgestrel

Progestin contraceptive



Trilayer film technology



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