HIV PrEP with Tenofovir DF for Persons who Inject Drugs

Bangkok Tenofovir Study
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Bangkok Tenofovir Study: Background

**Background**: Randomized, phase 3, double-blind, placebo-controlled trial conducted in Bangkok, Thailand that examined efficacy and safety of tenofovir DF as preexposure prophylaxis in persons who inject drugs

**Inclusion Criteria** (2,413 enrolled [1,924 men; 489 women])
- HIV-1-seronegative adults 20-60 years of age
- Reported injecting drugs in prior year
- All participants received risk-reduction counseling
- All participants received bleach and condoms
- Excluded if hepatitis B surface antigen positive (HBsAg+)
- Excluded if pregnant or breastfeeding

**Treatment Arms**
- Placebo: 1 pill daily
- Tenofovir DF: 1 pill daily

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Bangkok Tenofovir Study: Results

Number of Infections: Modified Intent-to-Treat Analysis

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Bangkok Tenofovir Study: Results

Risk Reduction Compared with Placebo: Modified Intent-to-Treat Analysis

Analysis does not include 2 additional HIV infections in placebo group identified at enrollment; Follow-up time: mean 4.0 years (SD 2.1; max 6.9 years)

**Interpretation:** “In this study, daily oral tenofovir reduced the risk of HIV infection in people who inject drugs. Pre-exposure prophylaxis with tenofovir can now be considered for use as part of an HIV prevention package for people who inject drugs.”

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