Preexposure Prophylaxis in HIV Serodiscordant Couples

Partners PrEP Trial

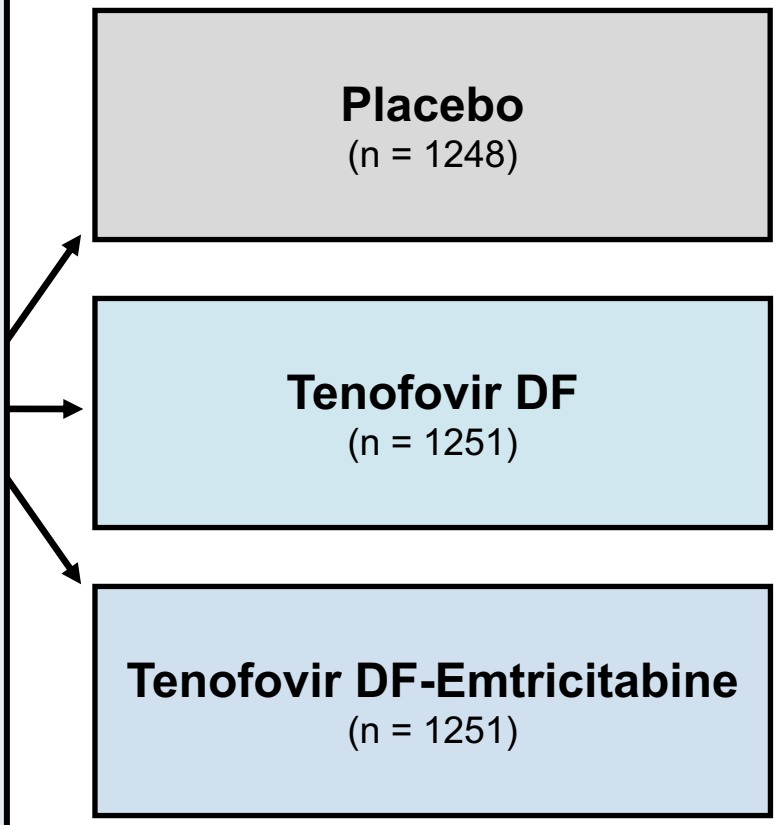
National HIV Curriculum

Oral PrEP for Heterosexual Couples in Kenya and Uganda

Partners PrEP: Study Design

Study Design: Partners PrEP

- **Background**: Randomized, placebo-controlled trial that examined efficacy and safety of tenofovir DF and tenofovir DF-emtricitabine as preexposure prophylaxis in heterosexual HIV-1 serodiscordant couples from Kenya and Uganda
- **Inclusion Criteria** (4758 enrolled)
  - 18 years of age or older
  - HIV-1-serodiscordant couples
  - HIV-seropositive partner: not receiving ART and Did not meet Kenyan or Ugandan guidelines for initiation of ART
  - HIV-seronegative partners: normal renal function; not infected with HBV; not breastfeeding
- **Treatment Arms:**
  - Placebo: 1 pill daily
  - Tenofovir DF: 1 pill daily
  - Tenofovir DF-emtricitabine: 1 pill daily



Source: Baeten JM, et al. N Engl J Med. 2012;367:399-410.

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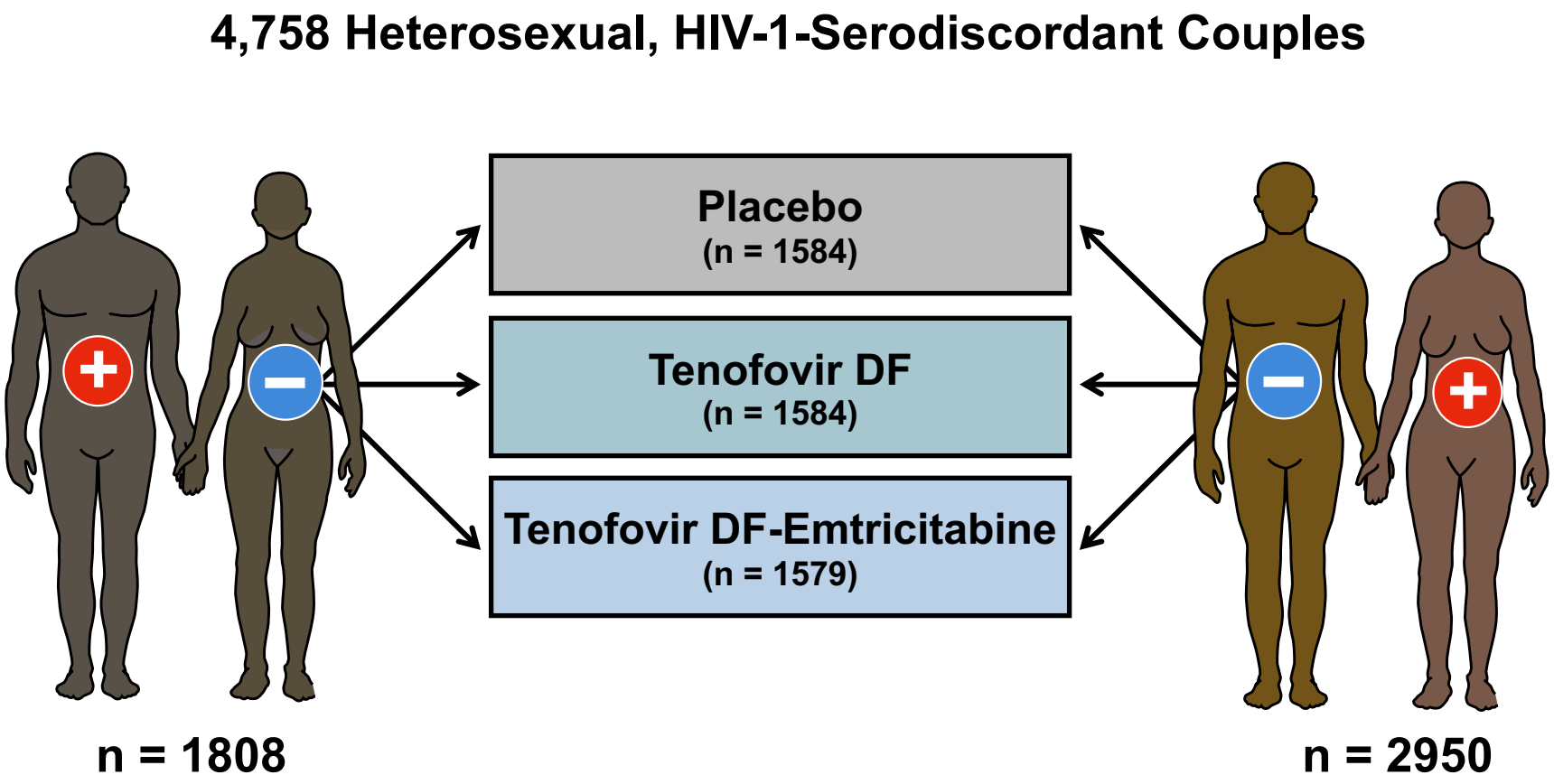
Partners PrEP: Study Design



11 total couples found to be ineligible and not included in the intention-to-treat analysis.

Source: Baeten JM, et al. N Engl J Med. 2012;367:399-410.

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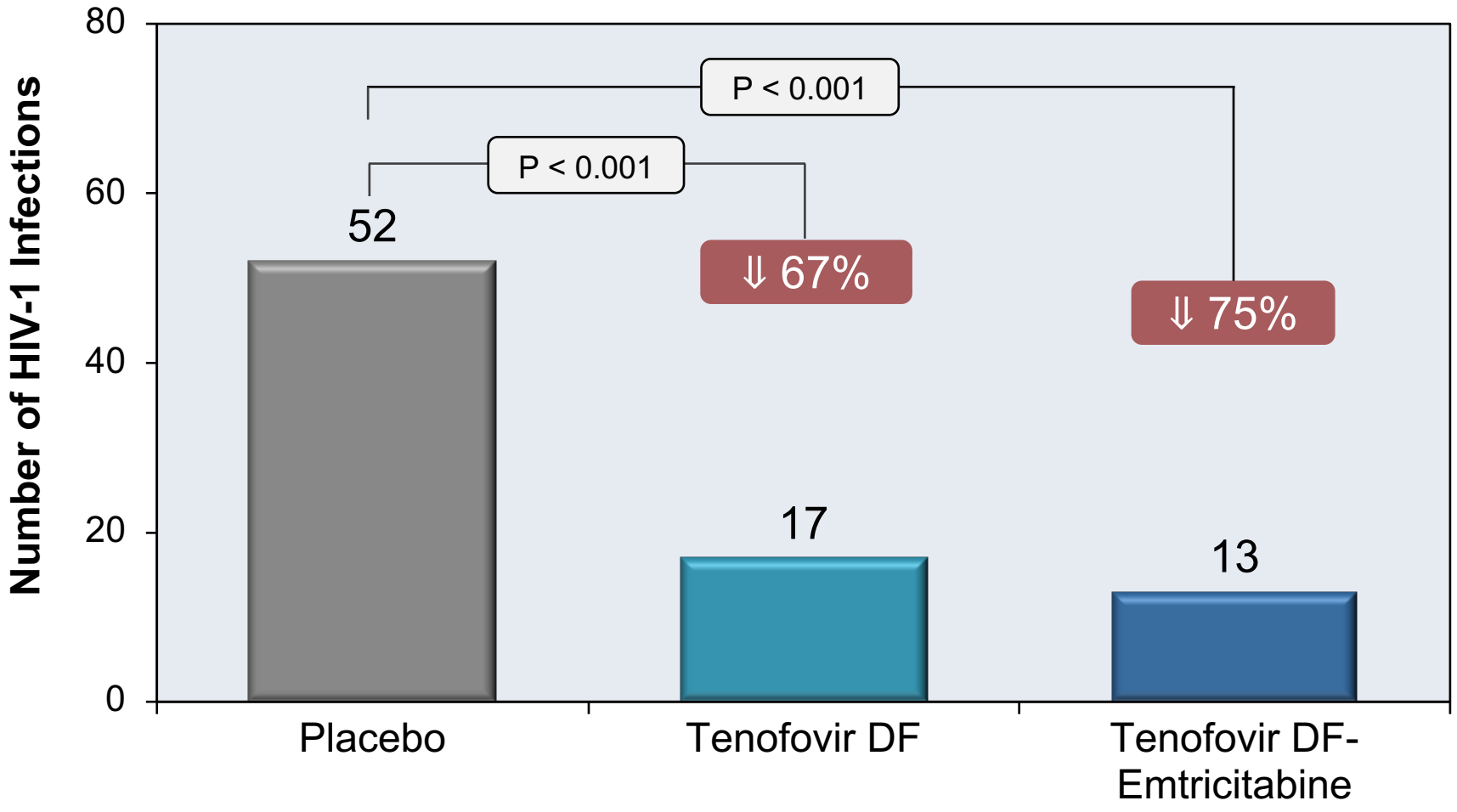
Partners PrEP: Results



Study stopped July 2011 by DSMB because of PrEP efficacy

Source: Baeten JM, et al. N Engl J Med. 2012;367:399-410.

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Partners PrEP: Conclusions

Conclusions: "Oral tenofovir DF and tenofovir DF-emtricitabine both protect against HIV-1 infection in heterosexual men and women."

Source: Baeten JM, et al. N Engl J Med. 2012;367:399-410.

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