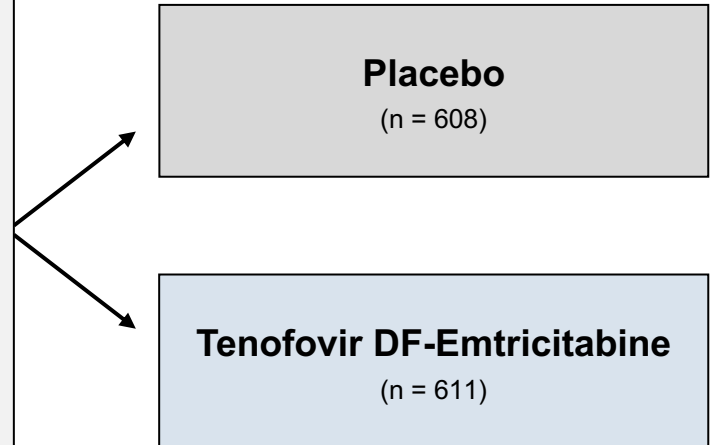


Preexposure Prophylaxis in Heterosexual Men and Women
TDF2 Study

Oral HIV PrEP for Heterosexual Men and Women in Botswana

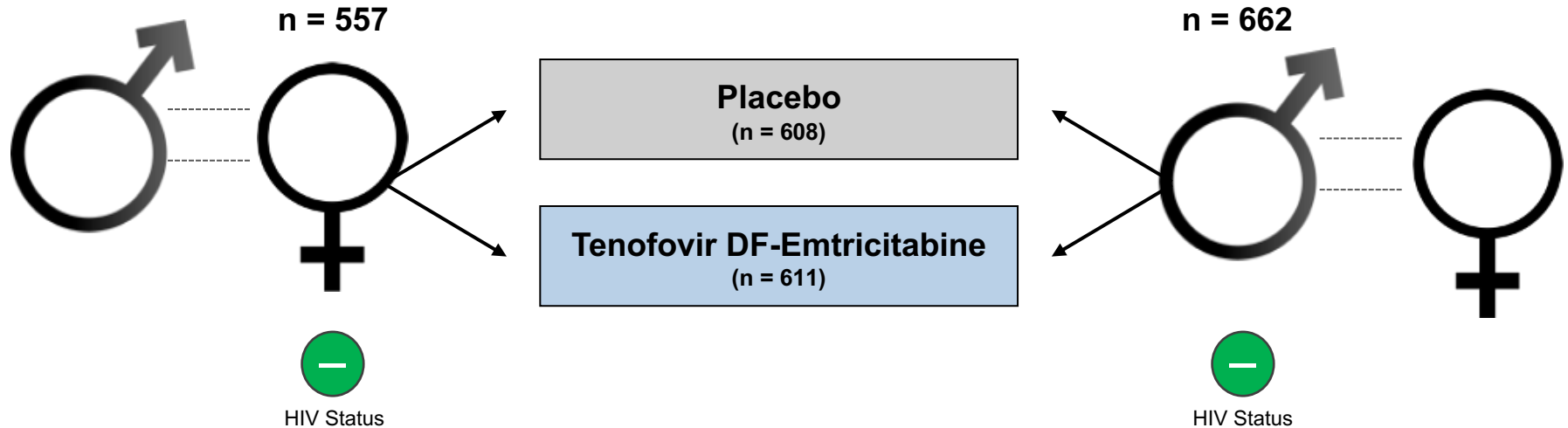
TDF2 Study: Background

- **Background:** Randomized, phase 3, double-blind, placebo-controlled trial that examined efficacy and safety of tenofovir DF-emtricitabine as preexposure prophylaxis for sexually-active heterosexual men and women in Botswana
- **Inclusion Criteria** (1,219 enrolled)
 - 18-39 years of age
 - HIV-1-negative and sexually active
 - Normal serum and hematologic tests
 - Negative HBsAg
 - No chronic medical illnesses
 - Not pregnant or breast-feeding
- **Treatment Arms**
 - Placebo: 1 pill daily
 - Tenofovir DF-emtricitabine: 1 pill daily



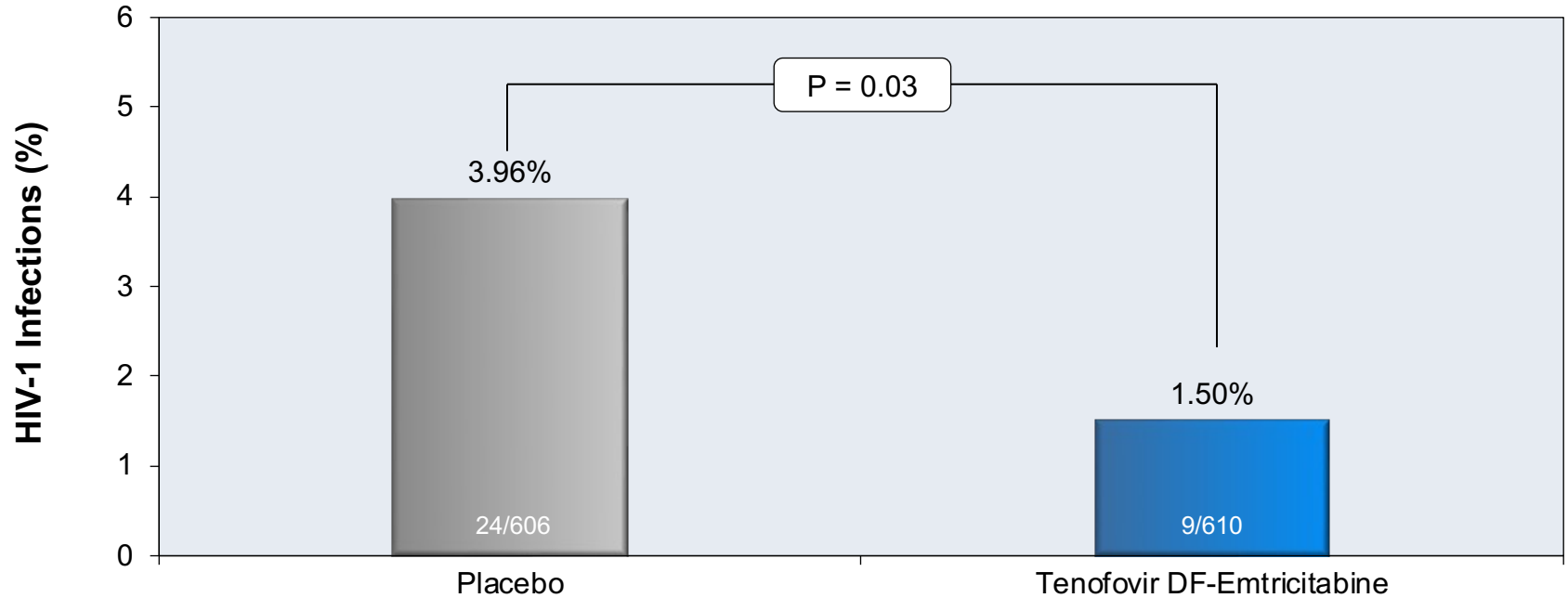
Oral HIV PrEP for Heterosexual Men and Women in Botswana TDF2 Study: Background

1,219 HIV-Seronegative, Heterosexual Men and Women



Oral HIV PrEP for Heterosexual Men and Women in Botswana TDF2 Study: Results

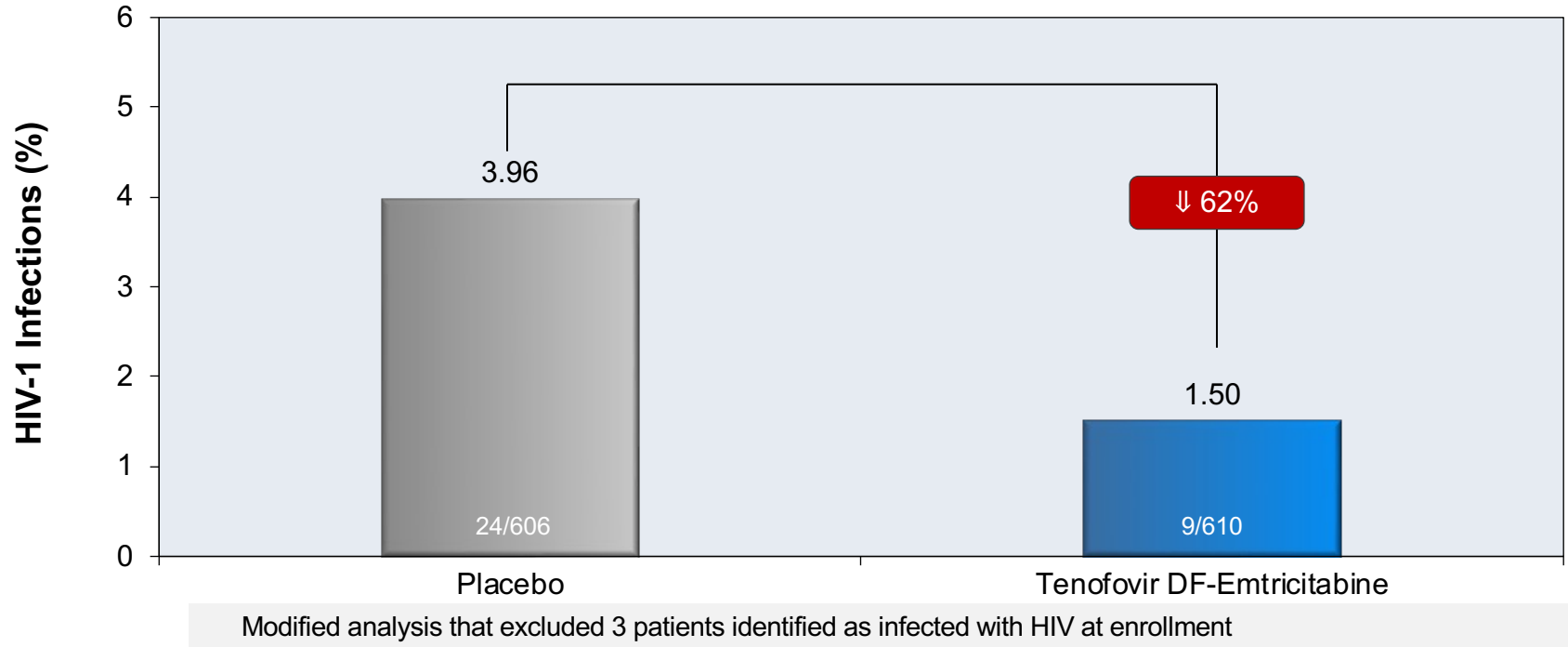
HIV-1 Infections (%): Modified Intention-to-Treat Analysis



Modified analysis that excluded 3 patients identified as infected with HIV at enrollment

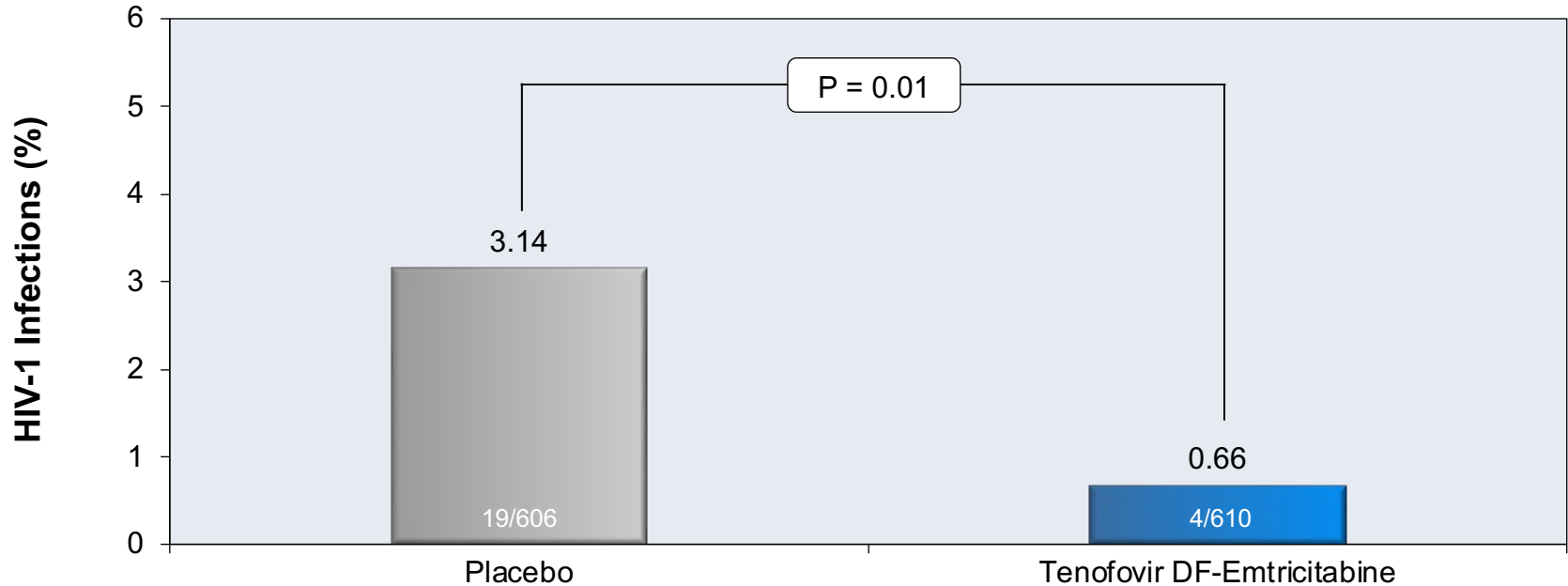
Oral HIV PrEP for Heterosexual Men and Women in Botswana TDF2 Study: Results

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



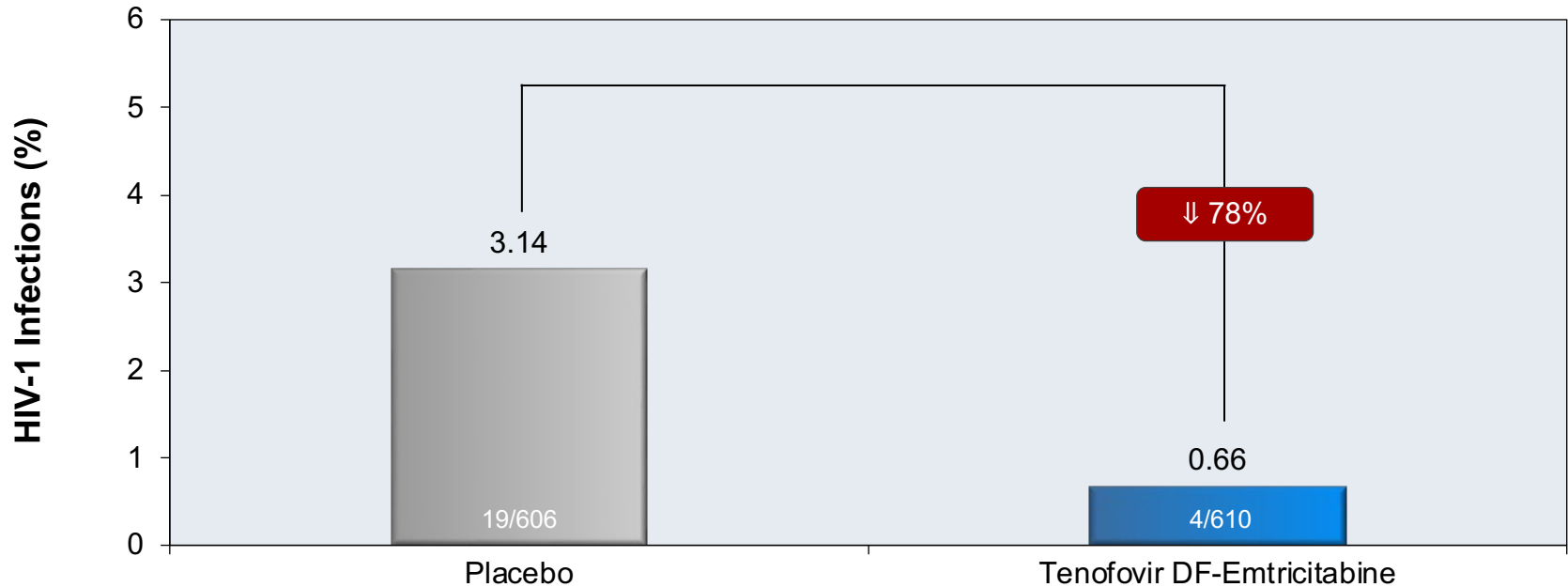
Oral HIV PrEP for Heterosexual Men and Women in Botswana TDF2 Study: Results

Number of Infections: As Treated Analysis

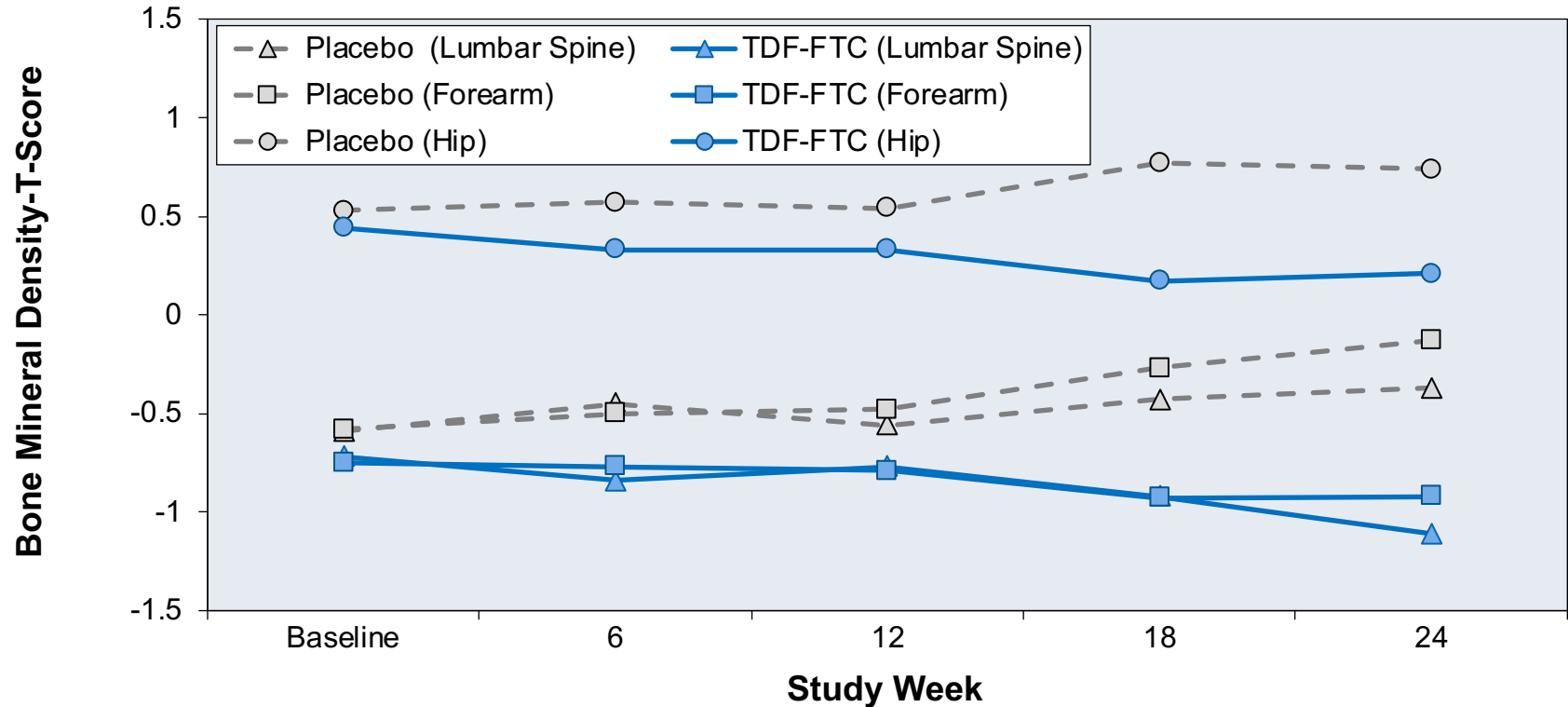


Oral HIV PrEP for Heterosexual Men and Women in Botswana TDF2 Study: Results

Risk Reduction Compared with Placebo: As Treated Analysis



Oral HIV PrEP for Heterosexual Men and Women in Botswana TDF2 Study: Results (Effects on Bone)



Oral HIV PrEP for Heterosexual Men and Women in Botswana TDF2 Study: Conclusions

Conclusions: “Daily tenofovir DF-emtricitabine prophylaxis prevented HIV infection in sexually active heterosexual adults. The long-term safety of daily tenofovir DF-emtricitabine prophylaxis, including the effect on bone mineral density, remains unknown.”

Acknowledgments

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