

A really (really) rapid overview of the HPTN 083 results

Long-acting injectable CAB vs. daily oral TDF/FTC for PrEP among MSM and TGW

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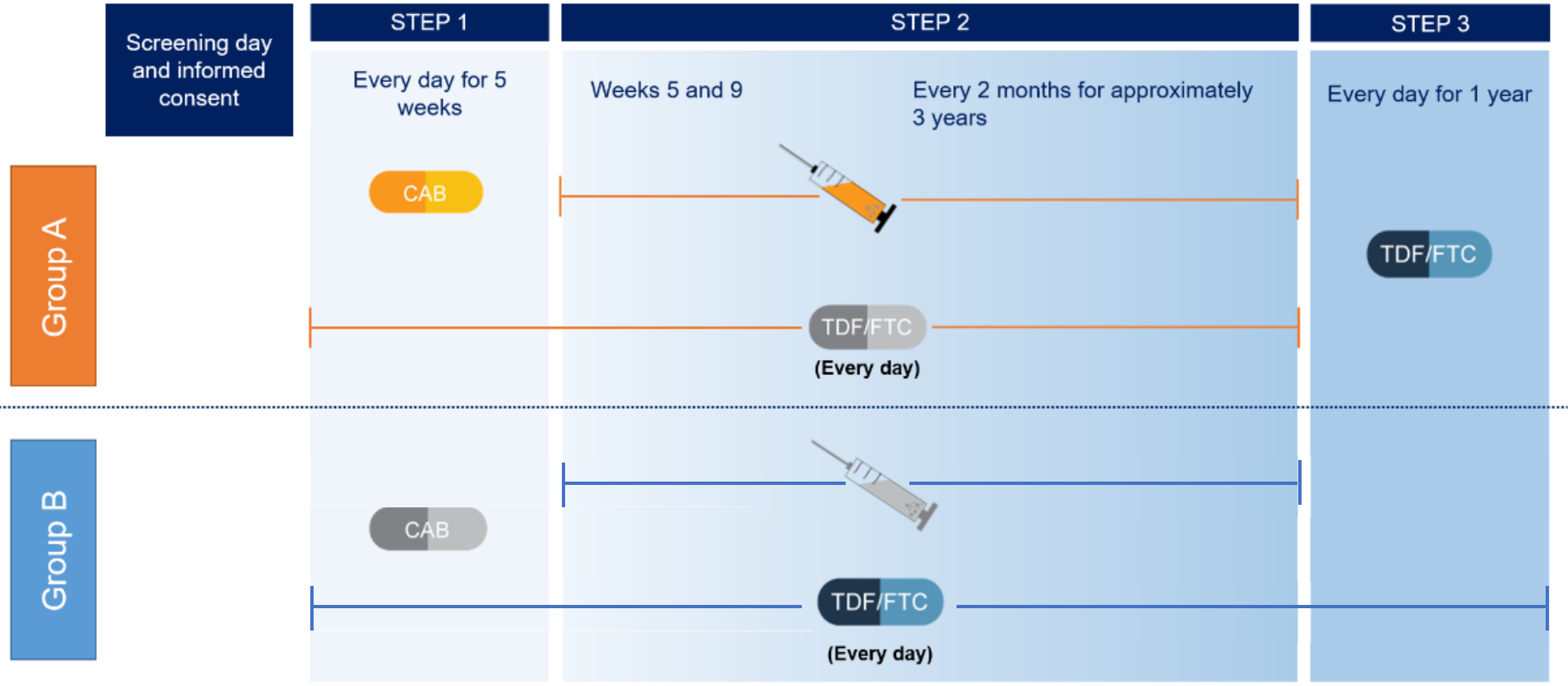
University of California, Los Angeles

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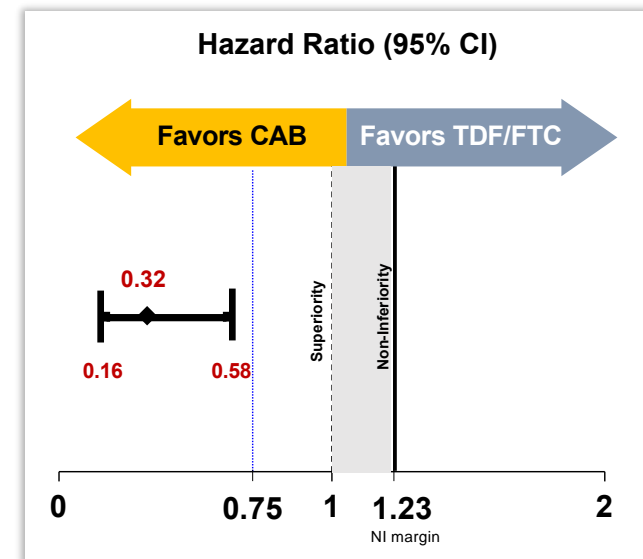
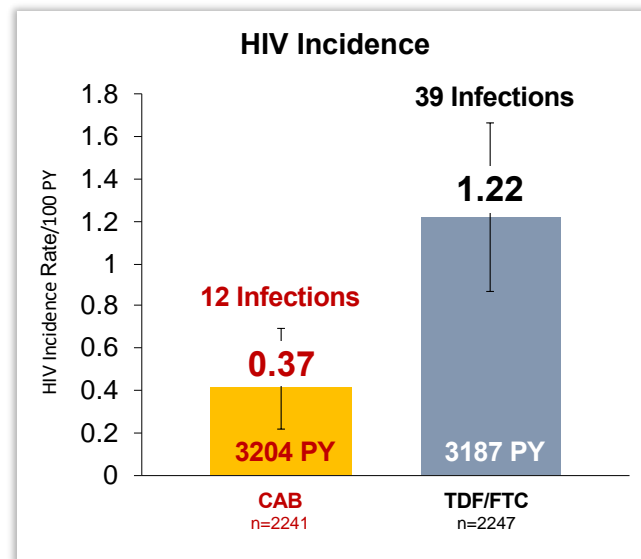
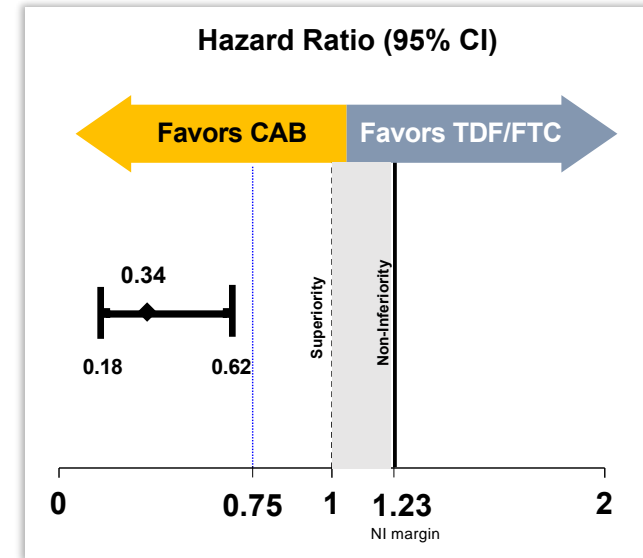
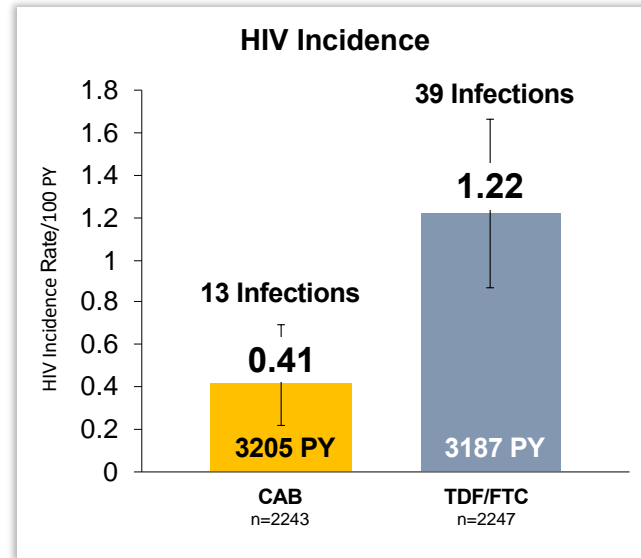
HPTN
HIV Prevention
Trials Network

HPTN 083 Study Design

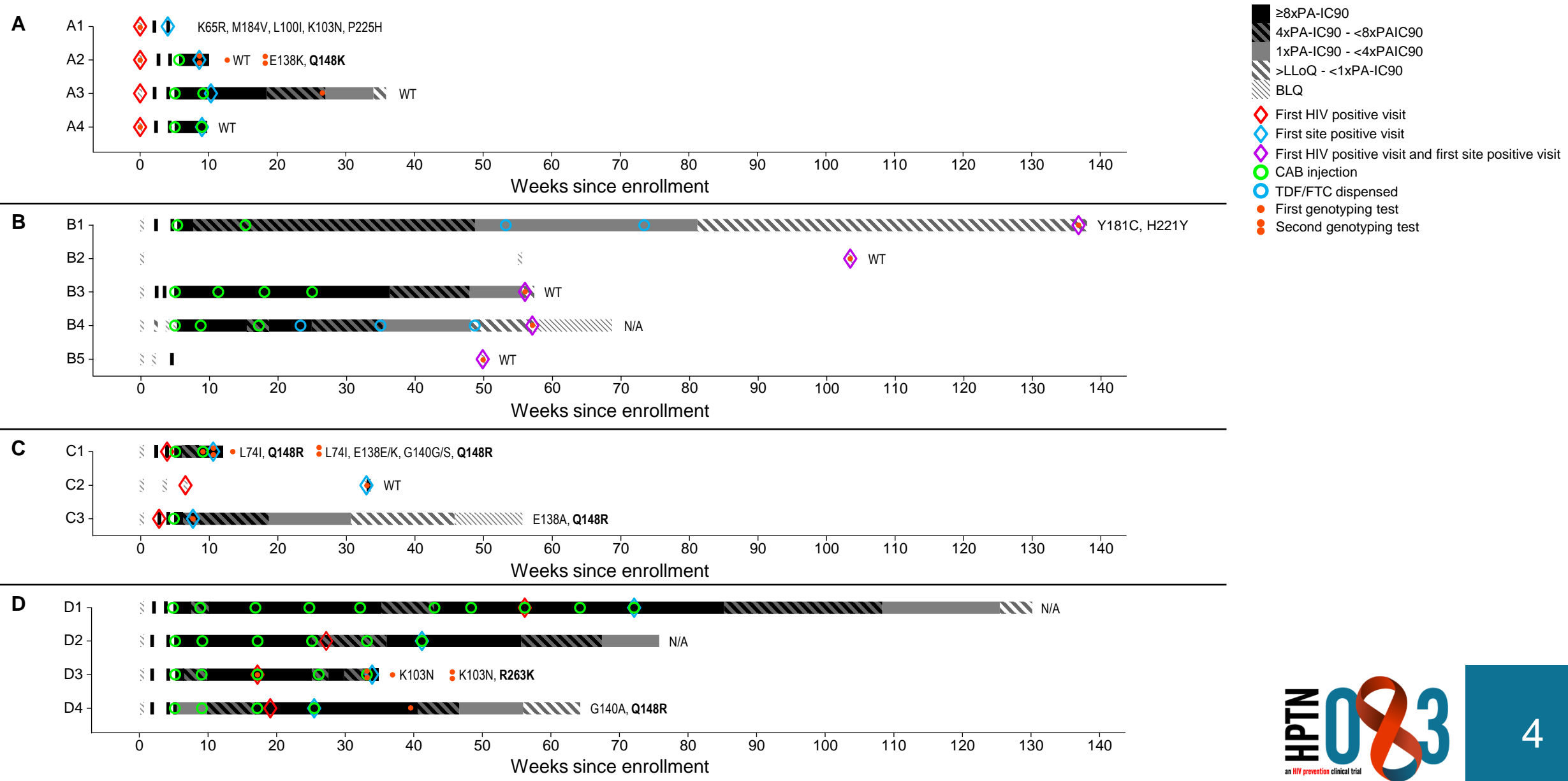


 TDF/FTC pill
  Cabotegravir (CAB) injection
  Placebo for TDF/FTC pill
  Placebo for cabotegravir (CAB) injection
 Cabotegravir (CAB) pill
 Placebo for cabotegravir (CAB) pill

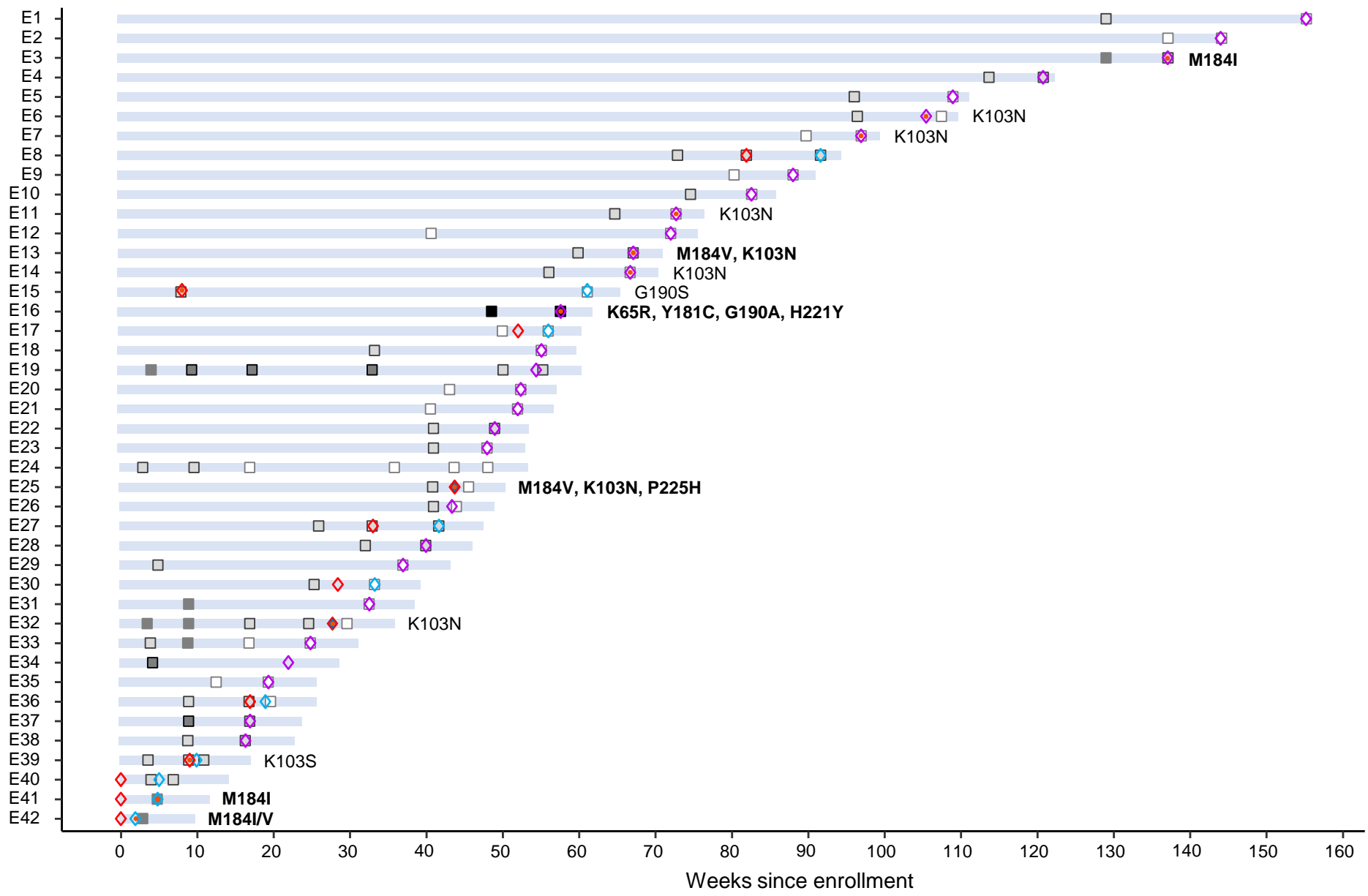
HIV Incidence: CAB vs. TDF/FTC



Cabotegravir Arm



TDF/FTC Arm



Conclusions

- Both agents highly effective for HIV prevention
- The PrEP regimen containing CAB-LA was superior to a daily oral regimen of TDF/FTC in HPTN 083 and HPTN 084
- CAB-LA was generally well tolerated despite injection site reactions
- 1/4, 0/5, 2/3, and 2/4 Acute (Prevalent), Distant from CAB, Oral-lead-in, and On-time injection participants developed INSTI resistance
 - Tail phase seroconversion did not result in INSTI resistance
 - Breakthrough at high and expected CAB concentrations resulted in INSTI resistance
- CAB is the first long-acting injectable agent to demonstrate robust HIV prevention efficacy

Acknowledgments

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HIV Prevention Trials Network (HPTN)

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- Leadership and Operations Center, FHI 360
- HPTN Leadership

Pharmaceutical Support

- ViiV Healthcare
- Gilead Sciences, Inc.

HPTN 083 Study Team

Community Program Managers Community Educators & Recruiters, CAB Members

Our 43 Sites in 7 countries

...and our Study Participants!

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