Switching from TDF/FTC to TAF/FTC

Study 311-1089

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Study 311: Design

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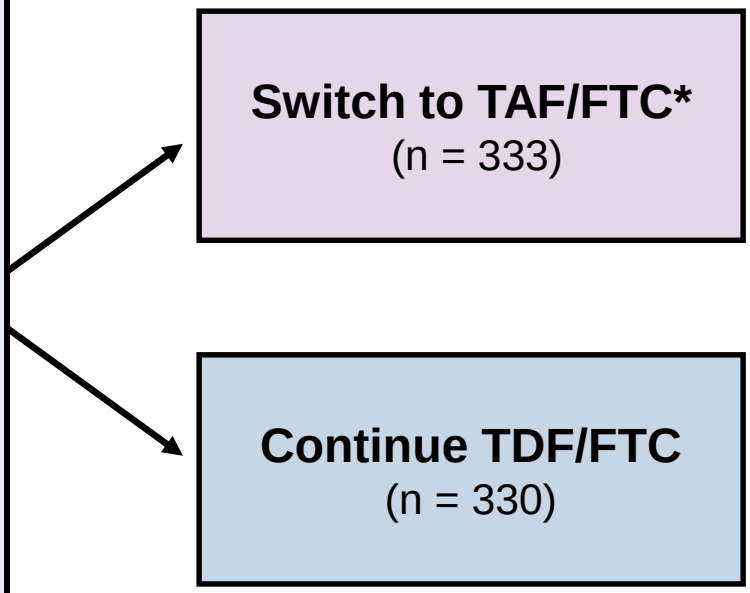
- **Background**: Open-label, randomized Phase 3 trial to evaluate switch to tenofovir alafenamide-emtricitabine in patients with virologic suppression on a regimen containing tenofovir DF-emtricitabine.
- **Inclusion Criteria (n = 668 enrolled)**
  - Adults with HIV infection
  - HIV RNA <50 copies/mL
  - Regimen contains tenofovir DF-emtricitabine
  - eGFR >50 mL/min
- **Treatment Arms**
  - Tenofovir alafenamide-emtricitabine (Switch)
  - Tenofovir DF-emtricitabine (Continue)



*Patients on a pharmacokinetic booster (ritonavir) received tenofovir alafenamide-emtricitabine 10/200 mg
Patients those not on a booster received tenofovir alafenamide-emtricitabine 25/200 mg

Source: Gallant JE, et al. Lancet HIV. 2016;3:e158-65.

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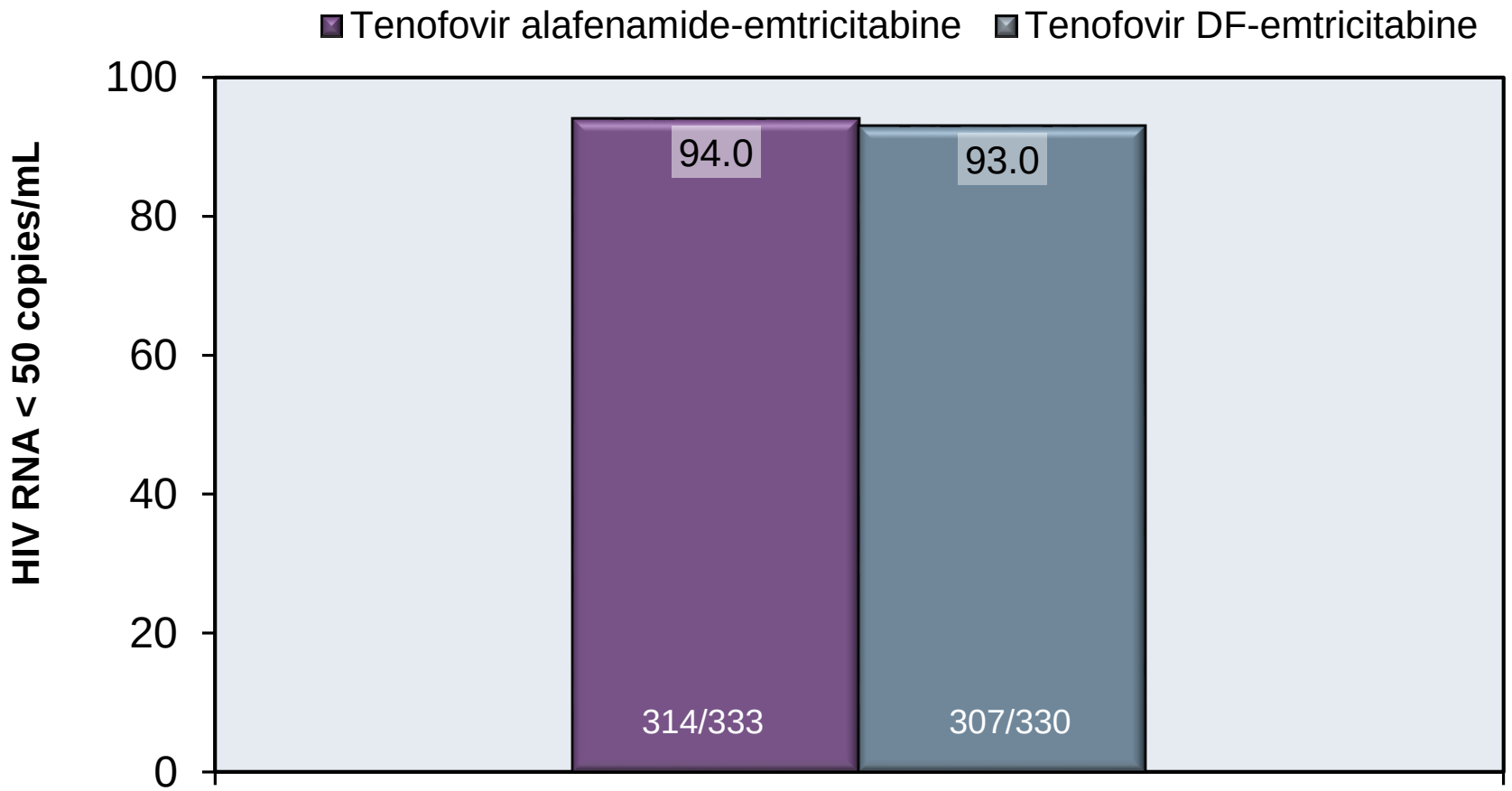
Study 311: Results

Week 48 Virologic Response (Overall)



Source: Gallant JE, et al. Lancet HIV. 2016;3:e158-65.

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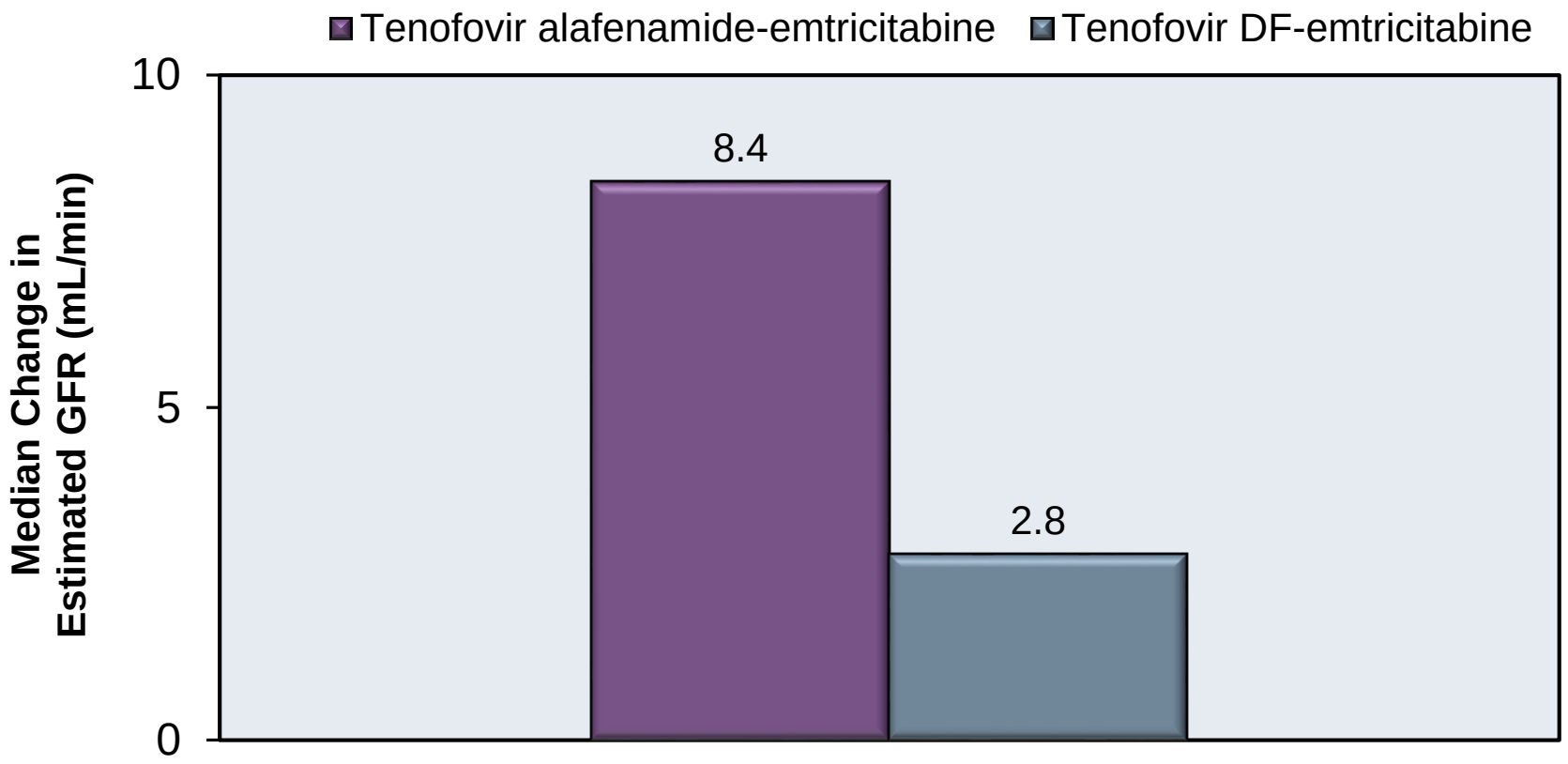
Study 311: Results

Week 48 Median Change in Estimated GFR



Source: Gallant JE, et al. Lancet HIV. 2016;3:e158-65.

National HIV Curriculum

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Study 311: Conclusions

Interpretation: “In patients switching from emtricitabine with tenofovir disoproxil fumarate to emtricitabine with tenofovir alafenamide, high rates of virological suppression were maintained. With its safety advantages, fixed-dose emtricitabine with tenofovir alafenamide has the potential to become an important NRTI backbone.”

Source: Gallant JE, et al. Lancet HIV. 2016;3:e158-65.

Acknowledgment

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