

Switching the NRTI Backbone to Tenofovir DF-Emtricitabine **TOTEM**

Switching the NRTI Backbone to Tenofovir DF-Emtricitabine TOTEM: Study Design

Study Design: TOTEM

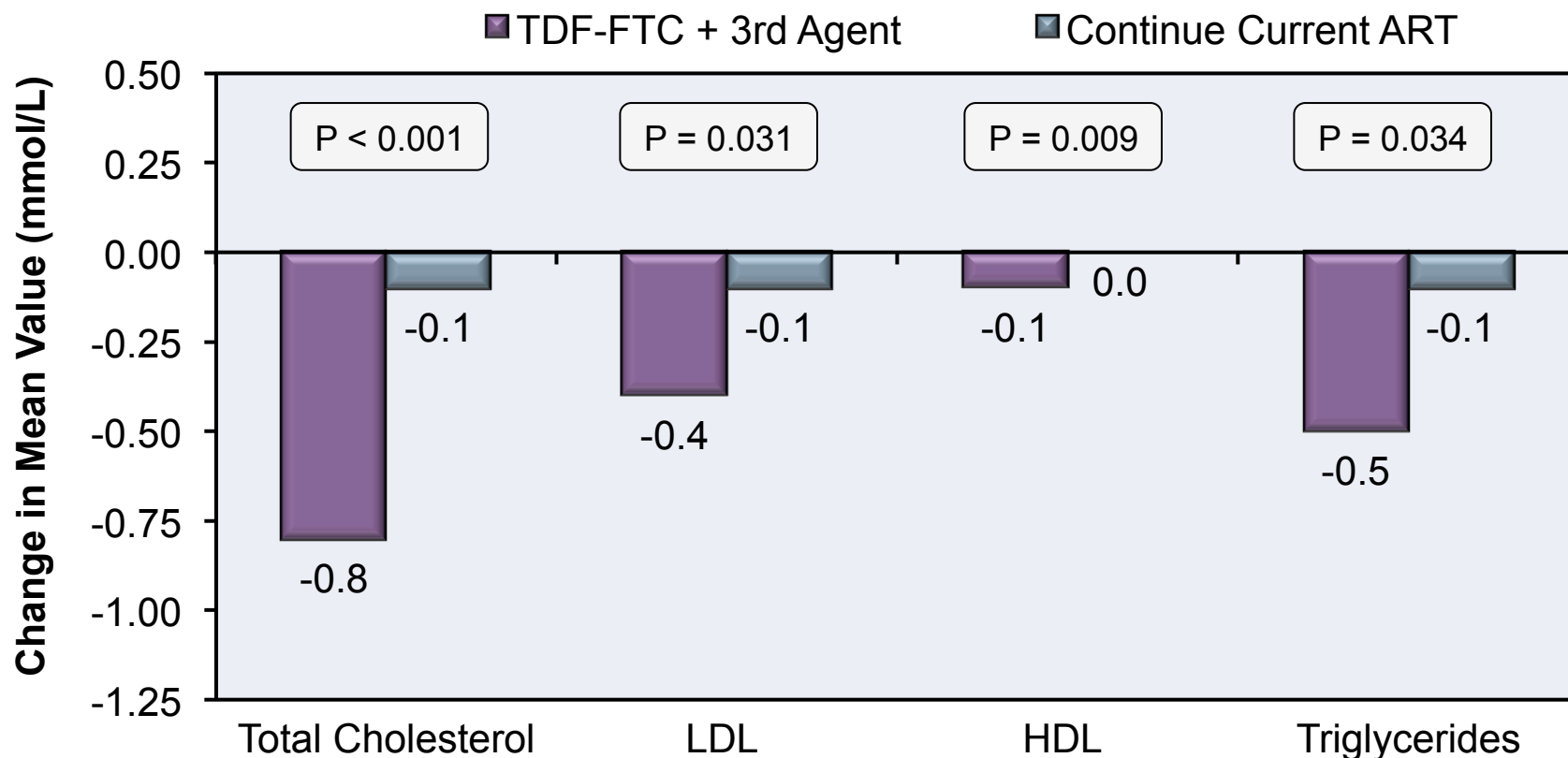
- **Background:** 12-week, multicenter, open-label, randomized trial of substituting the NRTI backbone with TDF-FTC for virologically suppressed patients with elevated lipids
- **Inclusion Criteria (n = 91)**
 - Adults with HIV infection
 - HIV RNA <400 copies/mL for ≥ 6 months
 - Elevated fasting LDL or triglycerides
 - Receiving 2 NRTI's (not TDF-FTC) plus an NNRTI or boosted PI
- **Treatment Arms (Randomized 1:1)**
 - Replace NRTI backbone with TDF-FTC
 - Continue current regimen

**TDF-FTC + Continue
3rd Agent**
(n = 46)

Continue Current ART
(n = 45)

Switching the NRTI Backbone to Tenofovir DF-Emtricitabine TOTEM: Results

Week 12: Change in Plasma Lipids from Baseline



Switching the NRTI Backbone to Tenofovir DF-Emtricitabine TOTEM: Results

Conclusions: “Switching to tenofovir disoproxil fumarate+emtricitabine in dyslipidaemic HIV-infected patients improves triglycerides and LDL-cholesterol.”

Acknowledgment

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