Switch from NNRTI-Based Regimen to EVG-COBI-TDF-FTC

Study 121 (STRATEGY-NNRTI)
Switch from NNRTI-Based Regimen to EVG-COBI-TDF-FTC STRATEGY-NNRTI: Design

**Background:** Open-label, randomized, phase 3b trial comparing switch to elvitegravir-cobicistat-tenofovir DF-emtricitabine versus continuation of baseline regimen of NNRTI + TDF-FTC

**Inclusion Criteria** (n = 439)
- HIV RNA <50 copies/mL on ART for ≥6 months
- Baseline regimen of NNRTI + TDF-FTC
- No prior virologic failure
- No resistance to TDF or FTC
- CrCl ≥70 mL/min

**Treatment Arms**
- EVG-COBI-FTC-TDF (Switch group)
- Remain on NNRTI + FTC-TDF (No switch group)

*NOTE:* 2 participants from switch group and 4 participants from no-switch group were excluded from the study after screening (2 protocol violation, 1 non-adherence, 3 withdrew consent)
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STRATEGY-NNRTI: Results

Week 48 Virologic Response

Switch from NNRTI-Based Regimen to EVG-COBI-TDF-FTC STRATEGY-NNRTI: Results

Week 48 Virologic Response, Subgroup Analysis, by Baseline NNRTI Regimen

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STRATEGY-NNRTI: Results

Week 48 Virologic Response, Subgroup Analysis, by Baseline NNRTI Regimen

Switch from NNRTI-Based Regimen to EVG-COBI-TDF-FTC STRATEGY

NNRTI: Conclusions

Interpretation: “Coformulated elvitegravir, cobicistat, emtricitabine, and tenofovir seems to be efficacious and well tolerated in virologically suppressed adults with HIV and might be a suitable alternative for patients on an NNRTI with emtricitabine and tenofovir regimen considering a regimen modification or simplification.”

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