Switch to Etravirine from PI-Based Regimen

ETRA-SWITCH STUDY
Switch to Etravirine from PI-Based Regimen
ETRA-SWITCH: Design

Study Design: ETRA-SWITCH

- **Background**: Open label, randomized phase 3b trial that enrolled patients with suppressed viral load while taking a ritonavir-boosted PI plus 2NRTIs and examined the efficacy and safety of switching the ritonavir-boosted PI to etravirine

- **Inclusion Criteria** (n = 43)
  - On PI >12 months
  - HIV RNA <50 copies/mL for >6 months
  - No NRTI or NNRTI resistance
  - No prior virologic failure with prior regimen
  - Patients had dyslipidemia OR use of lipid lowering medication OR GI disturbance OR persistent dissatisfaction with current regimen

- **Treatment Arms**
  - Switch PI in regimen to etravirine 400 mg/day
  - Continue current PI-based ART regimen

Switch Group
Switch from PI to ETR
(n = 22)

Maintain Group
Continue PI-based Regimen
(n = 21)

Switch to Etravirine from PI-Based Regimen

ETRA-SWITCH: Result

Week 48: Virologic Response (ITT Analysis, Missing = Failure)

Week 48: Change in Plasma Lipids from Baseline

Switch to Etravirine from PI-Based Regimen
ETRA-SWITCH: Result

Patient Satisfaction Scores

<table>
<thead>
<tr>
<th>Study Week</th>
<th>Etravirine (Switch Group)</th>
<th>PI (Maintain Group)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Baseline</td>
<td>7.7</td>
<td>6.0</td>
</tr>
<tr>
<td>24 Weeks</td>
<td>8.9</td>
<td>5.3</td>
</tr>
<tr>
<td>48 Weeks</td>
<td>9.2</td>
<td>5.2</td>
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Switch to Etravirine from PI-Based Regimen
ETRA-SWITCH: Conclusions

**Conclusion:** “Switch from a PI-based regimen to a once-daily combination based on ETR maintained undetectable VL during 48 weeks in virologically suppressed HIV-infected patients while lipid profile and patient satisfaction improved significantly.”

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