Switching ZDV-3TC-Based Therapy to TDF-FTC-Based Therapy

SONETT
Switching ZDV-3TC-Based Therapy to TDF-FTC-Based Therapy

SONETT: Study Design

Study Design: SONETT

- **Background**: Prospective, non-randomized, single-group, open-label study assessing the effects of a switch from BID ZDV-3TC plus a BID 3rd agent to QD TDF-FTC plus a different 3rd agent to make a QD regimen

- **Inclusion Criteria**:
  - Adults with HIV infection
  - Receiving a stable regimen of BID ZDV-3TC plus a BID 3rd agent
  - HIV RNA <50 copies/mL
  - CD4 count >50 cells/mL
  - Side effects to current regimen; deemed would benefit from a QD regimen, or both

**Switch to**:
Tenofovir DF-Emtricitabine + Once Daily Third Agent
(n = 51)

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SONETT: Results

Virologic Suppression (Intention-to-Treat Analysis)

41/51 (80.4%) of participants completed full 48 weeks of treatment

## Laboratory Results: Change from Baseline to Week 48 (Median Values)

<table>
<thead>
<tr>
<th>Test</th>
<th>Baseline</th>
<th>Change at Week 48</th>
<th>P Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>CD4 count (cells/µL)</td>
<td>526</td>
<td>30</td>
<td>0.23</td>
</tr>
<tr>
<td>Haemoglobin (g/dL)</td>
<td>14.8</td>
<td>0.8</td>
<td>&lt;0.001</td>
</tr>
<tr>
<td>Fasting total cholesterol (mg/dL)</td>
<td>194.0</td>
<td>-5.0</td>
<td>0.203</td>
</tr>
<tr>
<td>Fasting total cholesterol (mg/dL) in participants with baseline value &gt;200 mg/dL (n = 22)</td>
<td>240.5</td>
<td>-26.0</td>
<td>0.001</td>
</tr>
<tr>
<td>Fasting HDL (mg/dL)</td>
<td>50.5</td>
<td>52</td>
<td>0.094</td>
</tr>
<tr>
<td>Creatinine clearance (mL/min)</td>
<td>114.0</td>
<td>-1.3</td>
<td>0.20</td>
</tr>
</tbody>
</table>

Conclusions: “Results from this study support switching from a ZDV/3TC-containing HAART regimen to a completely QD regimen of TDF/FTC plus a third agent. Virologic and immunologic control are maintained, with apparent benefits in haemoglobin.”
Acknowledgment

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