Darunavir/r vs. Tipranavir/r in Treatment Experienced

POWER 3
### Study Design: POWER 3

**Background**: Analysis of phase 2b nonrandomized, open-label evaluating the efficacy and safety of darunavir 600 mg twice daily plus ritonavir 100 mg twice daily, with OBR, in treatment-experienced persons with HIV infection

**Inclusion Criteria (n=327)**
- Age ≥18
- HIV RNA >1000 copies/mL
- On PI-containing regimen x 3 months,
- Prior NRTI and NNRTI treatment
- At least 1 primary PI mutation at screening
- Darunavir-naïve

**Treatment Arms**
- Darunavir 600 mg BID + RTV 100 mg bid + OBR*

*OBR = Optimized background regimen: NRTIs +/- enfuvirtide

Darunavir/r in Treatment-Experienced
POWER 3: Result

Week 24: Virologic Response, by Baseline HIV RNA (ITT-TLOVR)

Darunavir/r in Treatment-Experienced
POWER 3: Result

Week 24: Virologic Response, by Viral Susceptibility at Baseline

### Darunavir/r versus other PIs in Treatment-Experienced POWER 1&2: Result

<table>
<thead>
<tr>
<th>Safety Parameters</th>
<th>DRV + RTV + OBR (n = 327)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Side Effect, n (%)</strong></td>
<td></td>
</tr>
<tr>
<td>Most frequently reported (≥10%) Adverse Effects, regardless of severity or causality</td>
<td></td>
</tr>
<tr>
<td>Diarrhea</td>
<td>45 (14)</td>
</tr>
<tr>
<td>Nasopharyngitis</td>
<td>31 (11)</td>
</tr>
<tr>
<td>Nausea</td>
<td>33 (10)</td>
</tr>
<tr>
<td>Treatment-emergent ACTG grade 3 or 4 adverse events reported with incidence of ≥2%, regardless of causality</td>
<td></td>
</tr>
<tr>
<td>Any grade 3 or 4 adverse event</td>
<td>83 (25)</td>
</tr>
<tr>
<td>Diarrhea</td>
<td>5 (2)</td>
</tr>
<tr>
<td>Neutropenia</td>
<td>5 (2)</td>
</tr>
</tbody>
</table>

Conclusions: “These results corroborate POWER 1 and POWER 2. In this larger set of treatment-experienced patients, darunavir/r at a dose of 600/100 mg twice daily provided substantial virologic and immunologic responses and was generally safe and well tolerated.”

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