Raltegravir vs. Lopinavir-ritonavir, both with 2NRTIs for nPEP

RALPEP Trial

National HIV Curriculum

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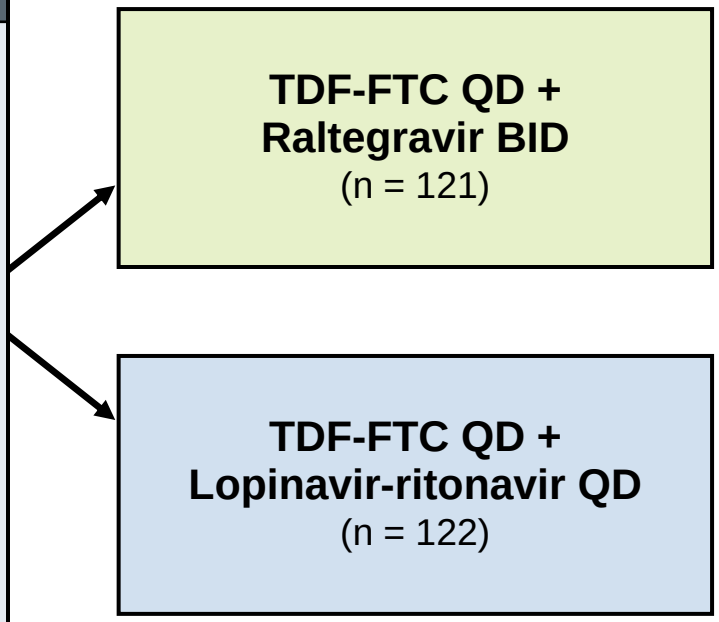
RALPEP: Study Design

Study Design: RALPEP

- **Background**: Open label, prospective, randomized trial evaluating two regimens for post-exposure prophylaxis following sexual exposure.
- **Inclusion Criteria (n = 243)**
  - Age ≥18 years
  - Recruited from hospital ER in Barcelona following potential sexual exposure to HIV
- **Treatment Arms**
  - TDF-FTC QD + Raltegravir 400 mg BID
  - TDF-FTC QD + Lopinavir-ritonavir QD



Source: Leal L, et al. J Antimicrob Chemother. 2016;71:1987-93.

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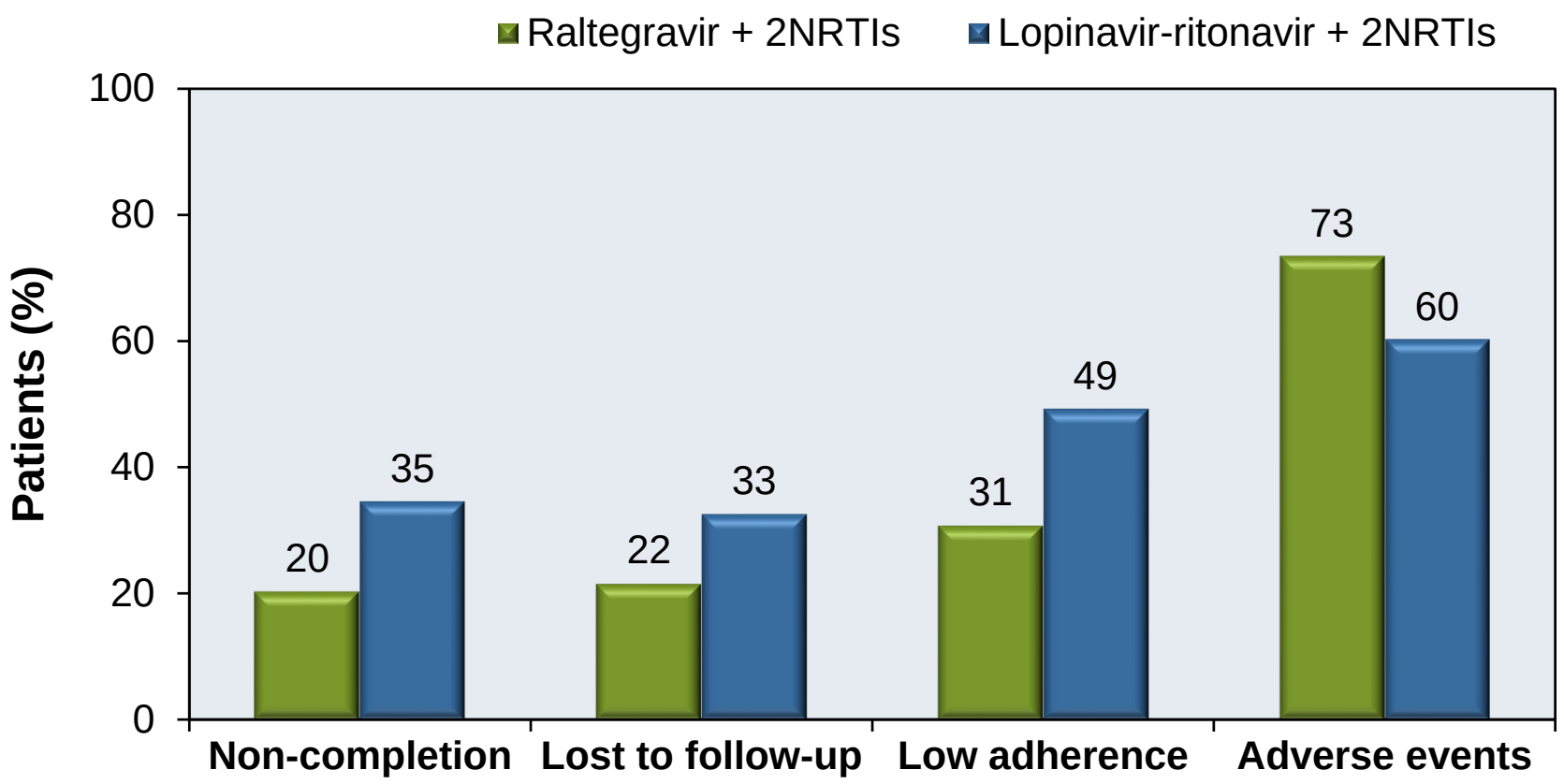
RALPEP: Results

28-Day PEP Outcome Measures



Source: Leal L, et al. J Antimicrob Chemother. 2016;71:1987-93.

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RALPEP: Conclusions

Conclusions: “Although we found no differences between arms regarding PEP non-completion, poor adherence and adverse events were significantly higher in patients allocated to tenofovir disoproxil/emtricitabine plus ritonavir-boosted lopinavir. These data support the use of raltegravir as the preferred third drug in current PEP recommendations.”

Source: Leal L, et al. J Antimicrob Chemother. 2016;71:1987-93.

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