Raltegravir in Pregnancy

PANNA Trial

Raltegravir in Pregnancy
PANNA: Study Design

Study Design: PANNA Network Study

- **Background**: Open-label, nonrandomized, phase 4 trial evaluating the effects of pregnancy on the pharmacokinetics of raltegravir and its safety and efficacy in pregnant women with HIV.
- **Inclusion Criteria (n =52)**
  - Age ≥18 years
  - Taking raltegravir 400 mg BID ≥2 weeks prior to initial assessment in 3rd trimester of pregnancy
  - On raltegravir for optimization/intensification of 3-drug regimen or as alternative to another ART medication
- **Treatment Arm**
  - Raltegravir + background antiretroviral regimen

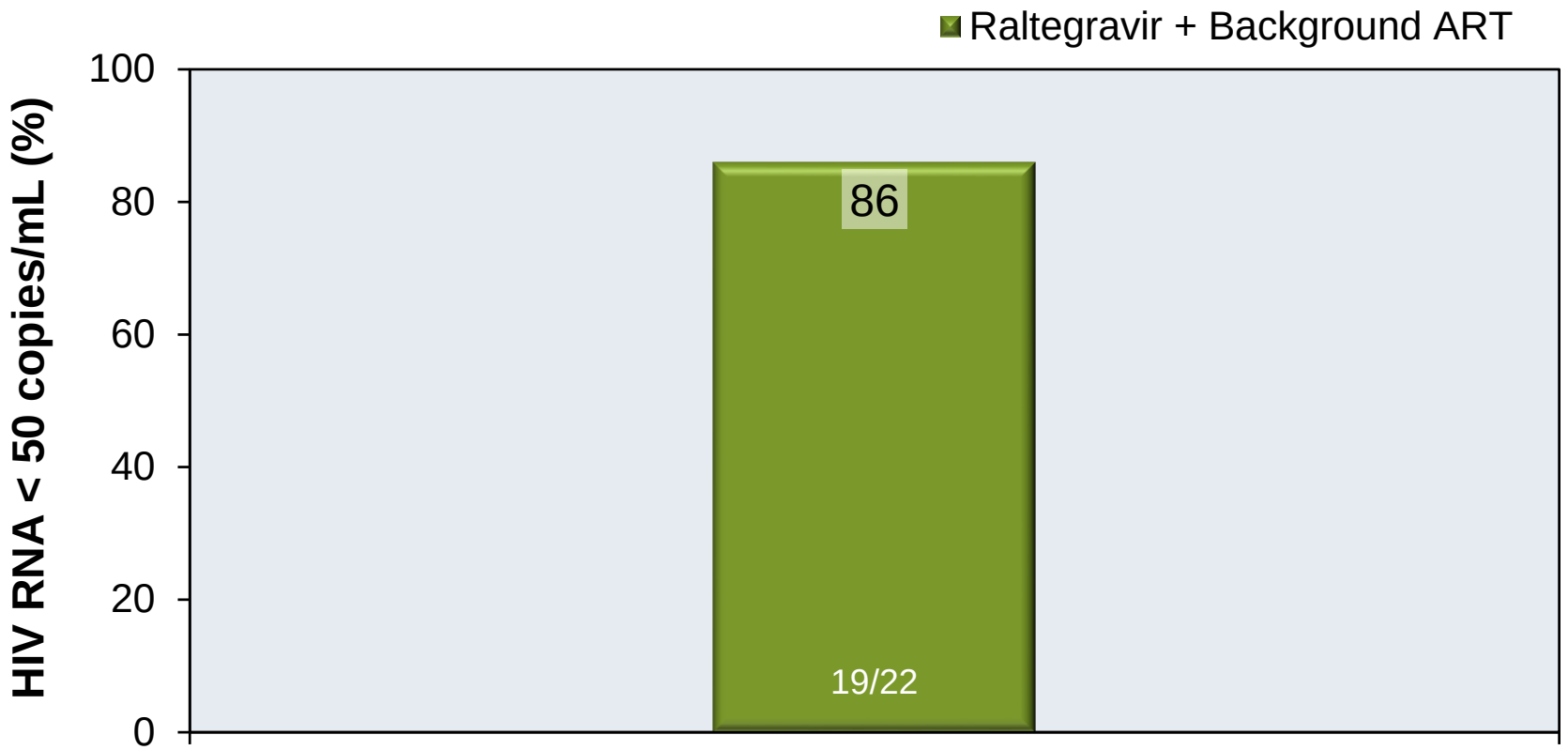
→ **Raltegravir 400 mg BI+ Background ART**

(n = 22)

Source: Blonk MI, et al. Clin Infect Dis. 2015;61:809-16.

Raltegravir in Pregnancy
PANNA: Results

Virologic Suppression at Delivery



Source: Blonk MI, et al. Clin Infect Dis. 2015;61:809-16.

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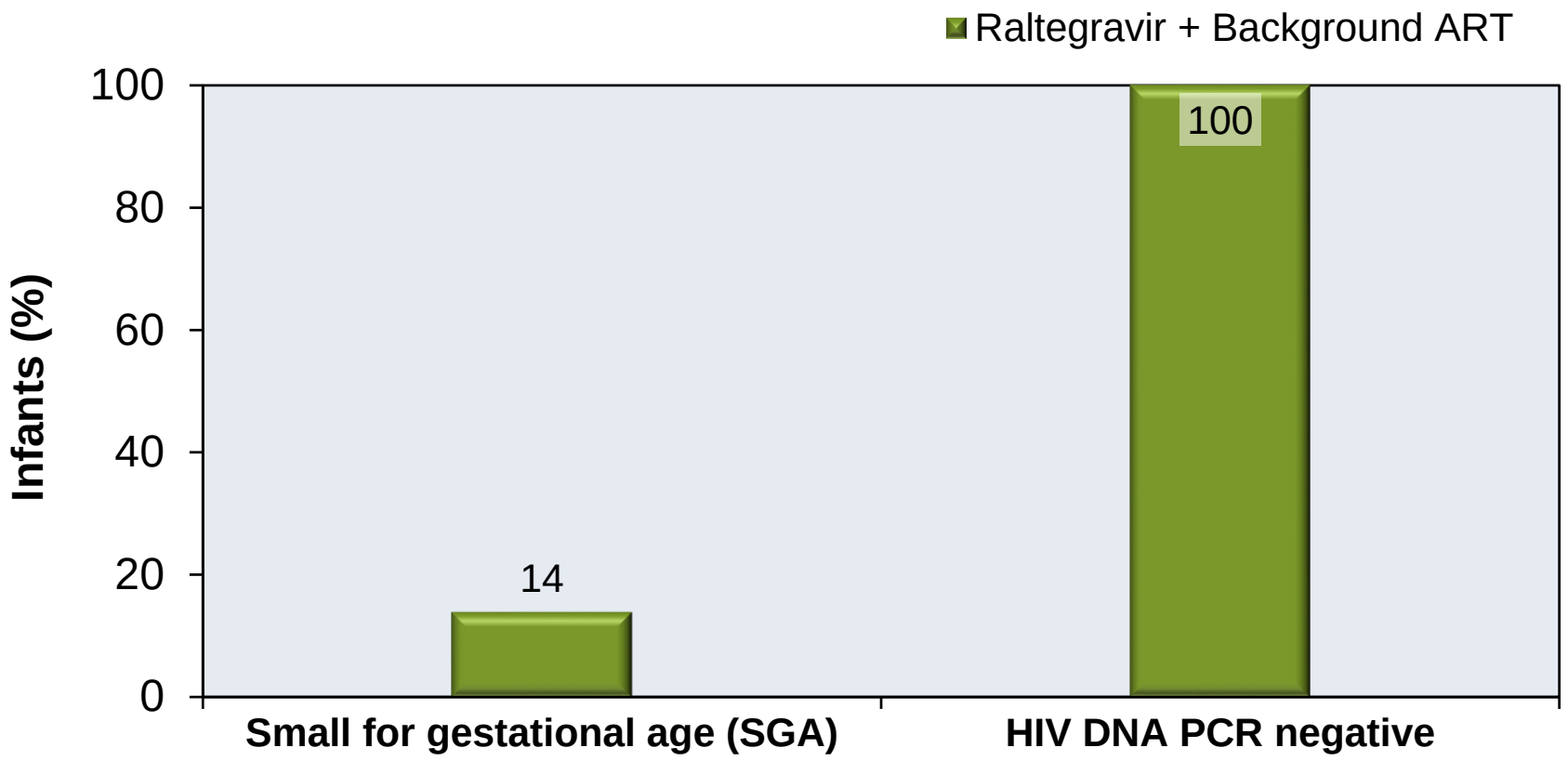
Raltegravir in Pregnancy
PANNA: Results

Pregnancy Outcomes



Source: Blonk MI, et al. Clin Infect Dis. 2015;61:809-16.

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Raltegravir in Pregnancy
PANNA: Conclusions

Conclusions: “Raltegravir was well tolerated during pregnancy. The pharmacokinetics of raltegravir showed extensive variability. The observed mean decrease in exposure to raltegravir during third trimester compared to postpartum is not considered to be of clinical importance. Raltegravir can be used in standard dosages in HIV-infected pregnant women.”

Source: Blonk MI, et al. Clin Infect Dis. 2015;61:809-16.

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