

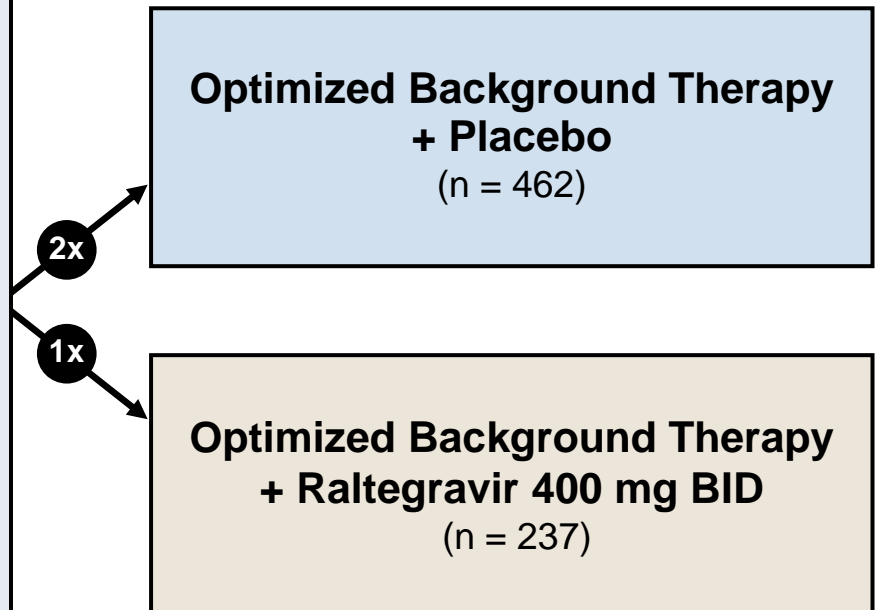
Raltegravir + Optimized Background Therapy for Resistant HIV  
**BENCHMRK 1 and 2**

# Raltegravir with Optimized Background Therapy for Resistant HIV

## BENCHMARK 1 and 2: Study Design

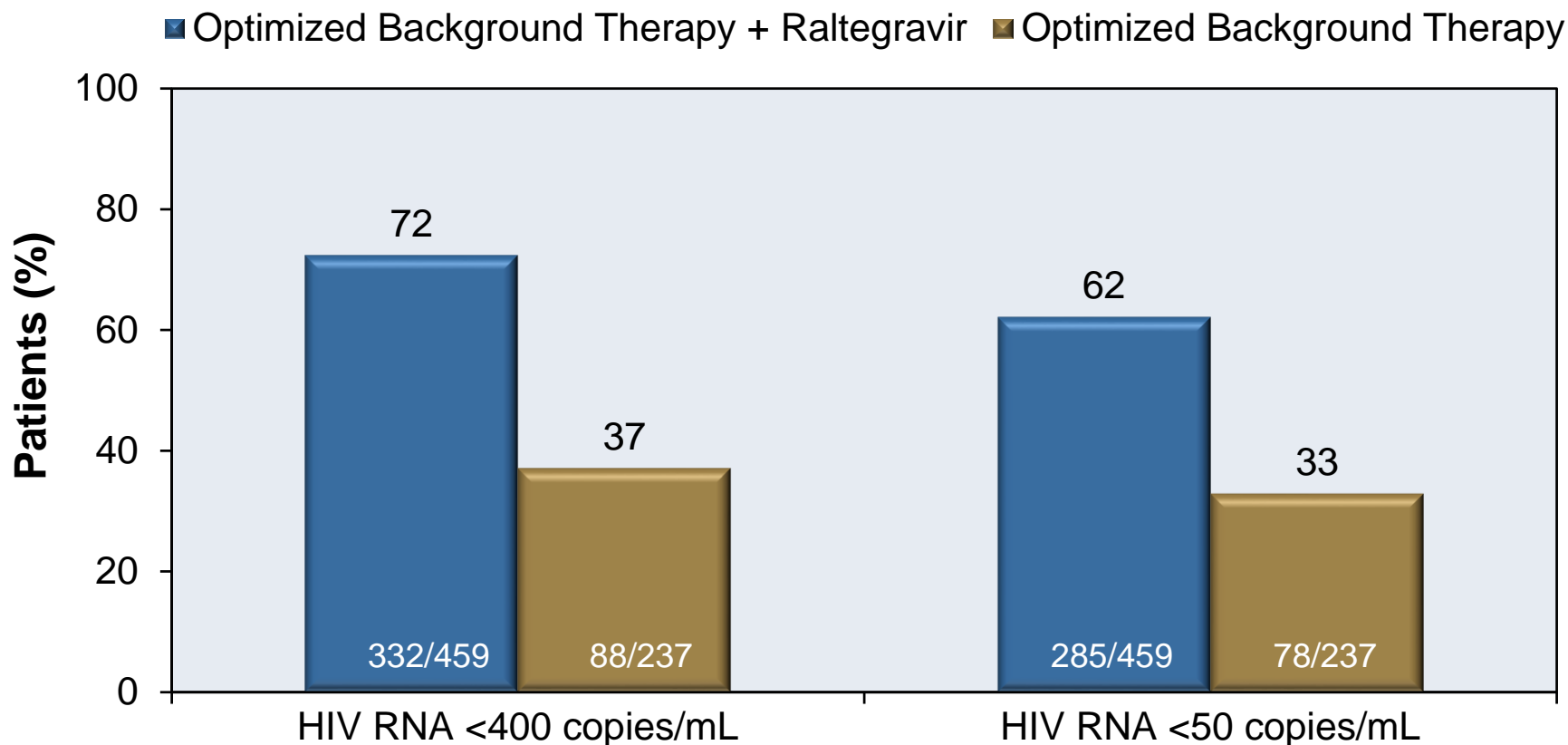
### Study Design: BENCHMARK 1 and 2

- **Background:** Two identical randomized, double-blind, phase 3 trials conducted in different geographic areas to evaluate the efficacy of raltegravir plus an optimized background therapy in persons with HIV resistant to at least one drug in each of three antiretroviral classes.
- **Inclusion Criteria (n = 699 combined)**
  - Age  $\geq 16$  years
  - HIV RNA  $> 1000$  copies/mL on ART
  - Documented resistance to at least 1 drug in NRTI, NNRTI, and PI classes
- **Treatment Arms**
  - OBT + Placebo
  - OBT + Raltegravir 400 mg BID



# Raltegravir with Optimized Background Therapy for Resistant HIV BENCHMARK 1 and 2: Results

Week 48: Virologic Response (Non-completion Counted as Failure)

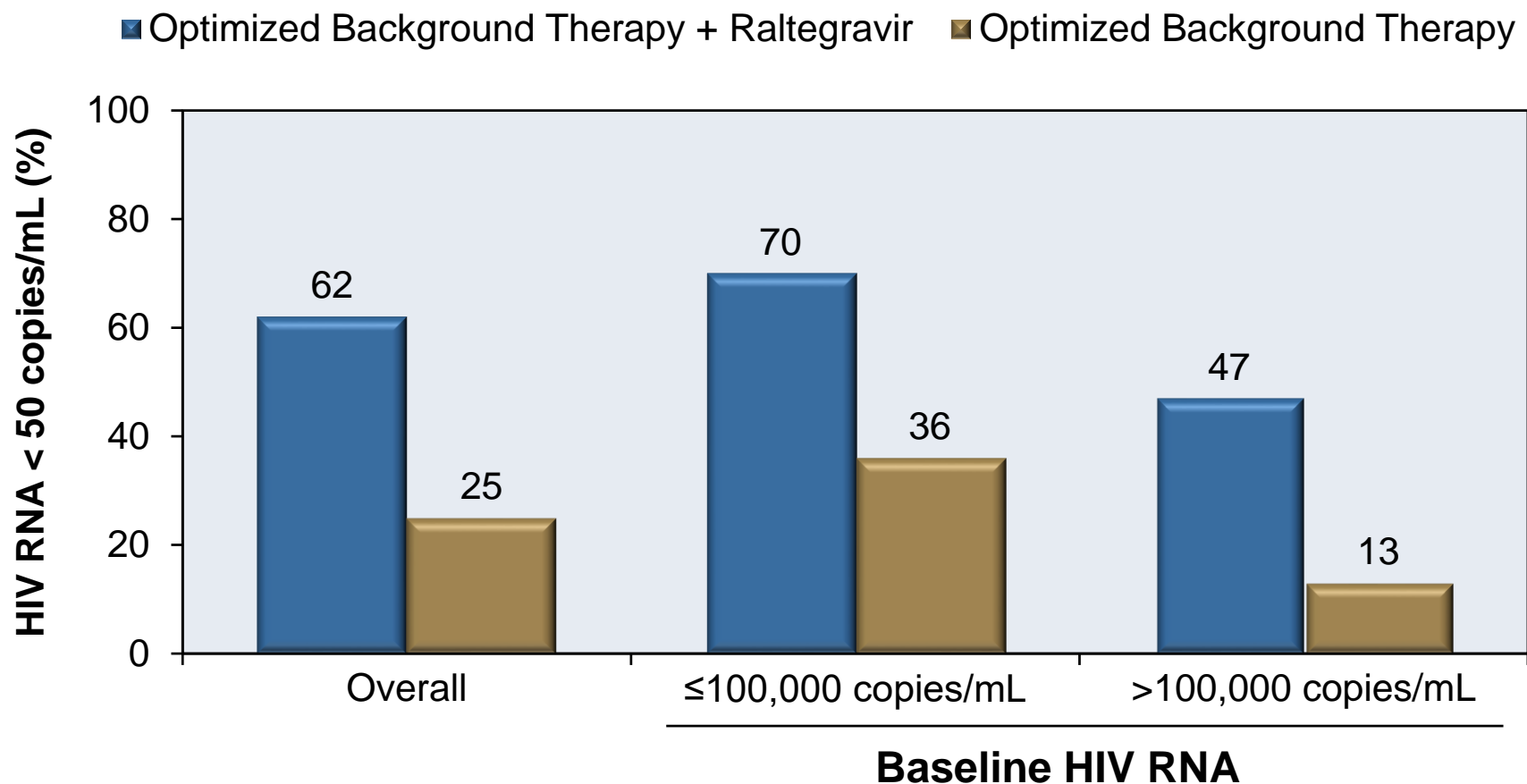


# Raltegravir with Optimized Background Therapy for Resistant HIV BENCHMRK 1 and 2: Conclusions

**Conclusions:** “In HIV-infected patients with limited treatment options, raltegravir plus optimized background therapy provided better viral suppression than optimized background therapy alone for at least 48 weeks.”

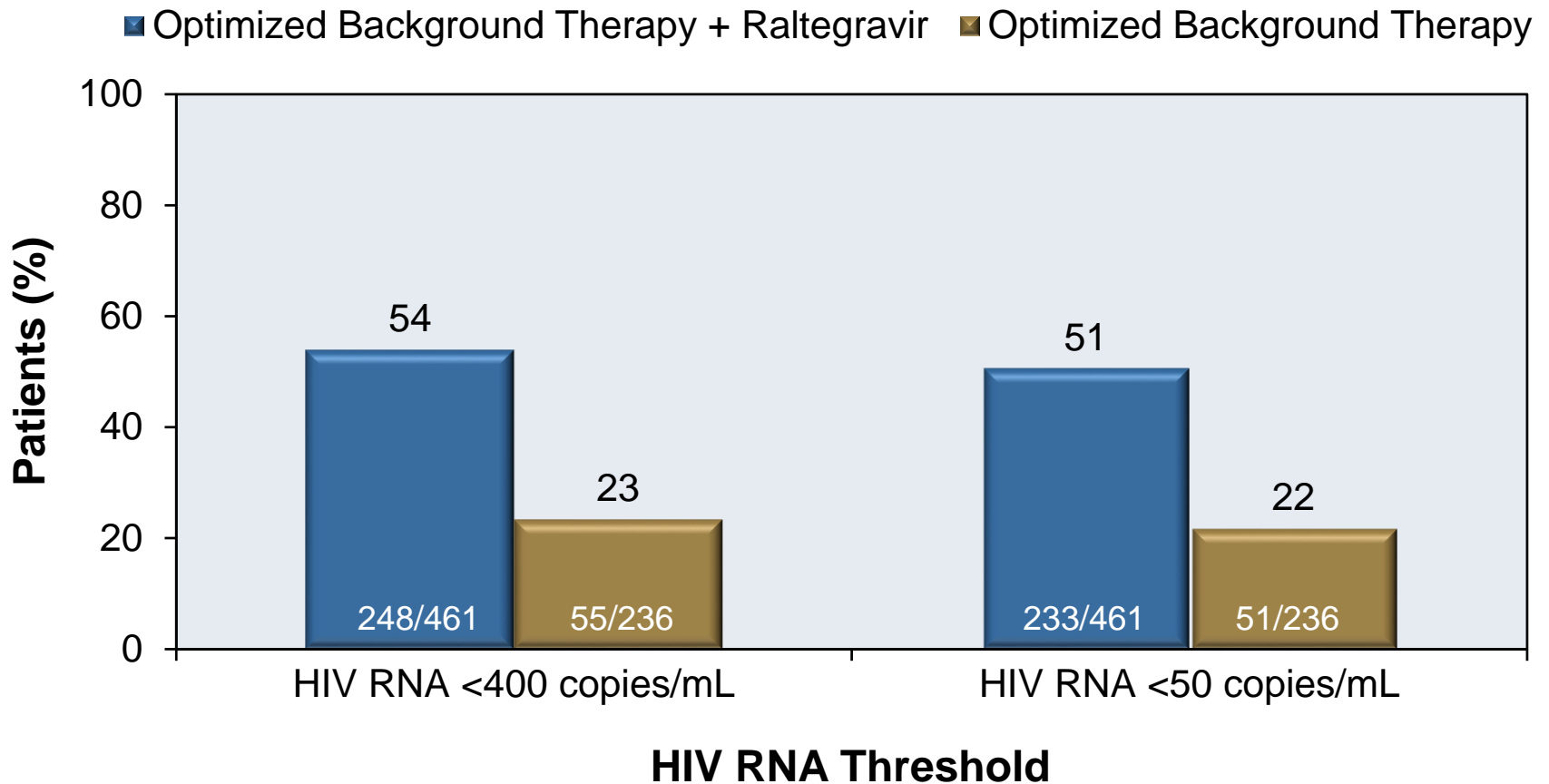
# Raltegravir with Optimized Background Therapy for Resistant HIV BENCHMARK 1 and 2: Results

Week 96: Virologic Response, by Baseline HIV RNA



# Raltegravir with Optimized Background Therapy for Resistant HIV BENCHMARK 1 and 2: Results

Week 156: Virologic Response (Non-completion Counted as Failure)



# Acknowledgment

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