Raltegravir 800 mg Once Daily versus 400 mg Twice Daily

QDMRK Trial
### Study Design: QDMRK Study

- **Background**: Randomized, double-blind, phase 3 trial in antiretroviral-naïve persons with HIV to compare the efficacy of once-daily with twice-daily Raltegravir.

- **Inclusion Criteria (n = 775)**
  - Age ≥18 years
  - Antiretroviral-naïve
  - HIV RNA >5,000 copies/mL
  - No CD4 criteria
  - No relevant mutations

- **Treatment Arms**
  - Raltegravir 800 mg QD + TDF-FTC
  - Raltegravir 400 mg BID + TDF-FTC

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**Raltegravir 800 mg QD + TDF-FTC**
(n = 386)

**Raltegravir 400 mg BID + TDF-FTC**
(n = 389)

QDMRK: Results

Virologic Response: Week 48 (non-completer = failure)

Interpretation: “Despite high response rates with both regimens, once-daily raltegravir cannot be recommended in place of twice-daily dosing.”
Acknowledgment

The National HIV Curriculum is an AIDS Education and Training Center (AETC) Program supported by the Health Resources and Services Administration (HRSA) of the U.S. Department of Health and Human Services (HHS) as part of an award totaling $800,000 with 0% financed with non-governmental sources. This project is led by the University of Washington’s Infectious Diseases Education and Assessment (IDEA) Program.

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