

Raltegravir plus Standard ART in Early HIV Infection
UW PIC 330 Trial

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UW 330 PIC: Study Design

Study Design: UW 300 PIC

- **Background:** Pilot, open-label, randomized, phase 3 trial evaluating impact of adding raltegravir to standard ART during early HIV.
- **Inclusion Criteria (n = 92)**
 - Age ≥ 18 years
 - Antiretroviral-naïve
 - HIV RNA ≥ 500 copies/mL < 14 days of study entry
 - Early HIV infection*
- **Treatment Arms**
 - RAL 400 mg BID + 2 NRTIs + [NNRTI or PI QD]
 - 2 NRTIs + [NNRTI or PI QD]

Raltegravir Group
**Raltegravir plus
2 NRTIs plus [NNRTI or PI]**
(n = 5)

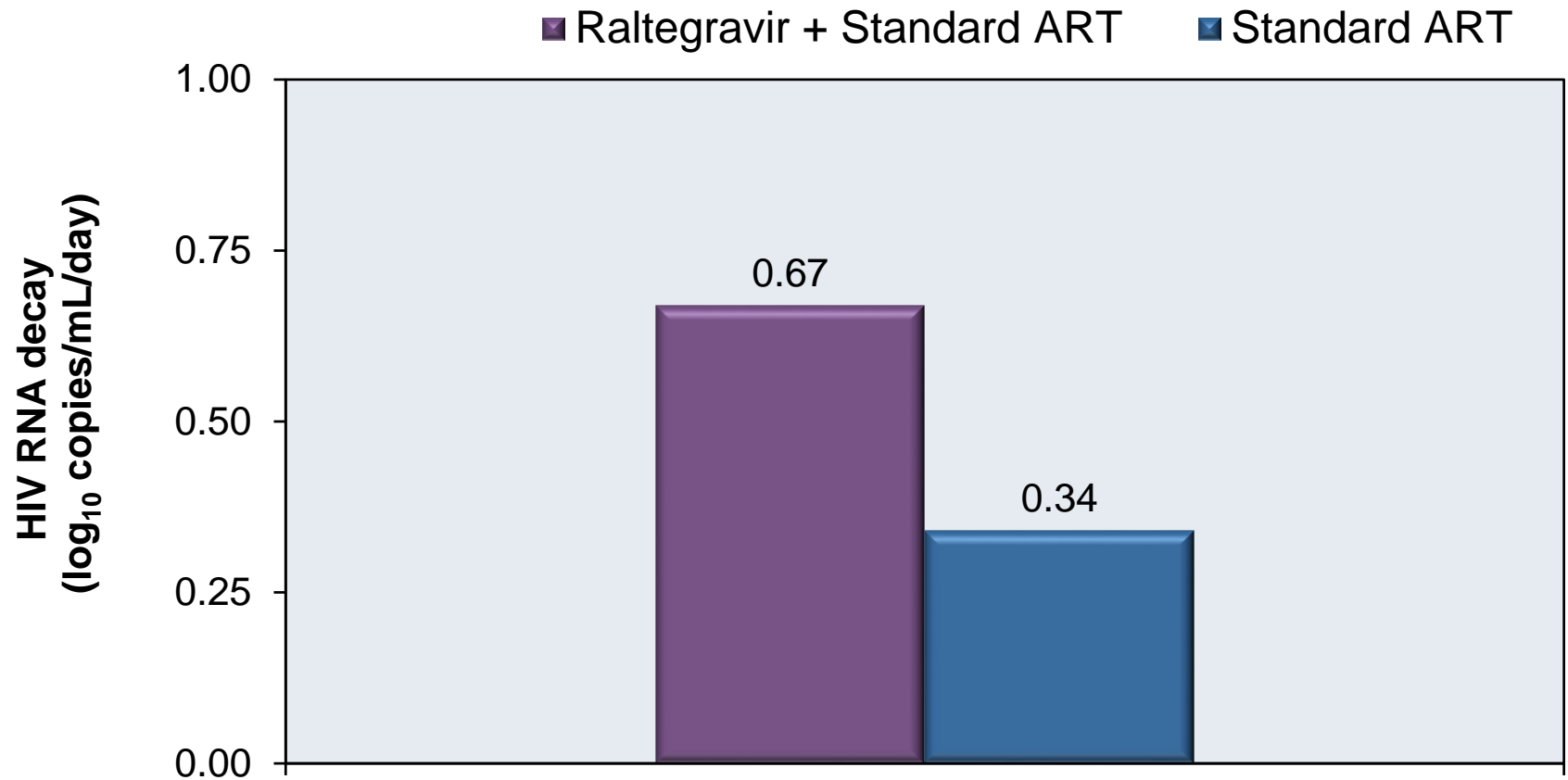
Standard ART
2 NRTIs plus [NNRTI or PI]
(n = 5)

*Early HIV defined as current positive HIV EIA and western blot with either a negative HIV EIA in past 6 months or negative point-of care test or nonreactive less sensitive HIV EIA in past month

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UW 330 PIC: Results

First Phase Plasma HIV RNA Decay



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UW 330 PIC: Conclusions

Interpretation: “Our results suggest homogeneity of responses in cell-associated RNA, HIV DNA, CD4(+) T-cells with replication-competent virus, and 2LTR circles with early HIV in both ART groups. The kinetics of 2LTR DNA did not reflect the kinetics of plasma HIV RNA decline following ART initiation.”

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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