

Etravirine in Treatment-Experienced Children and Adolescents

PIANO Trial

Etravirine in Treatment-Experienced Children & Adolescents

PIANO: Study Design

Study Design: PIANO

- **Background:** Phase 2, single-arm trial assessing safety and efficacy of etravirine in treatment-experienced, HIV-infected patients
- **Inclusion Criteria (n = 101)**
 - Children ≥ 6 and < 12 years
 - Adolescents ≥ 12 and < 18 years old
 - Treatment-experienced
 - No resistance to etravirine
- **Treatment Arms**
 - Etravirine 5.2 mg/kg bid + Investigator-selected optimized background regimen (OBR)

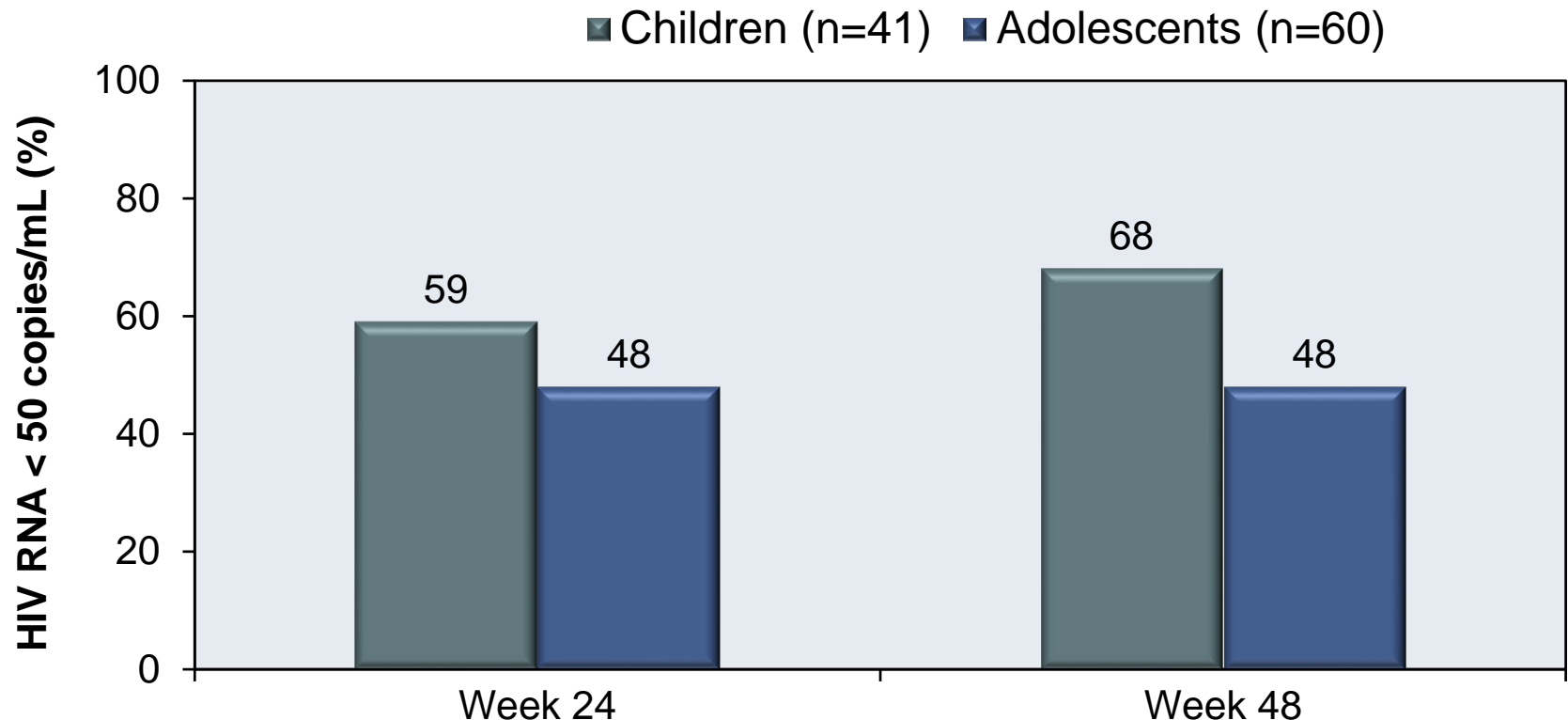
**Etravirine 5.2 mg/kg bid +
OBR**
(n = 101)

*OBT = ≥ 2 active ARVs, including a ritonavir-boosted PI and NRTIs +/- Enfuvirtide +/- Raltegravir

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PIANO: Result

Week 24 and 48: Virologic Response (ITT Analysis, N=F)*



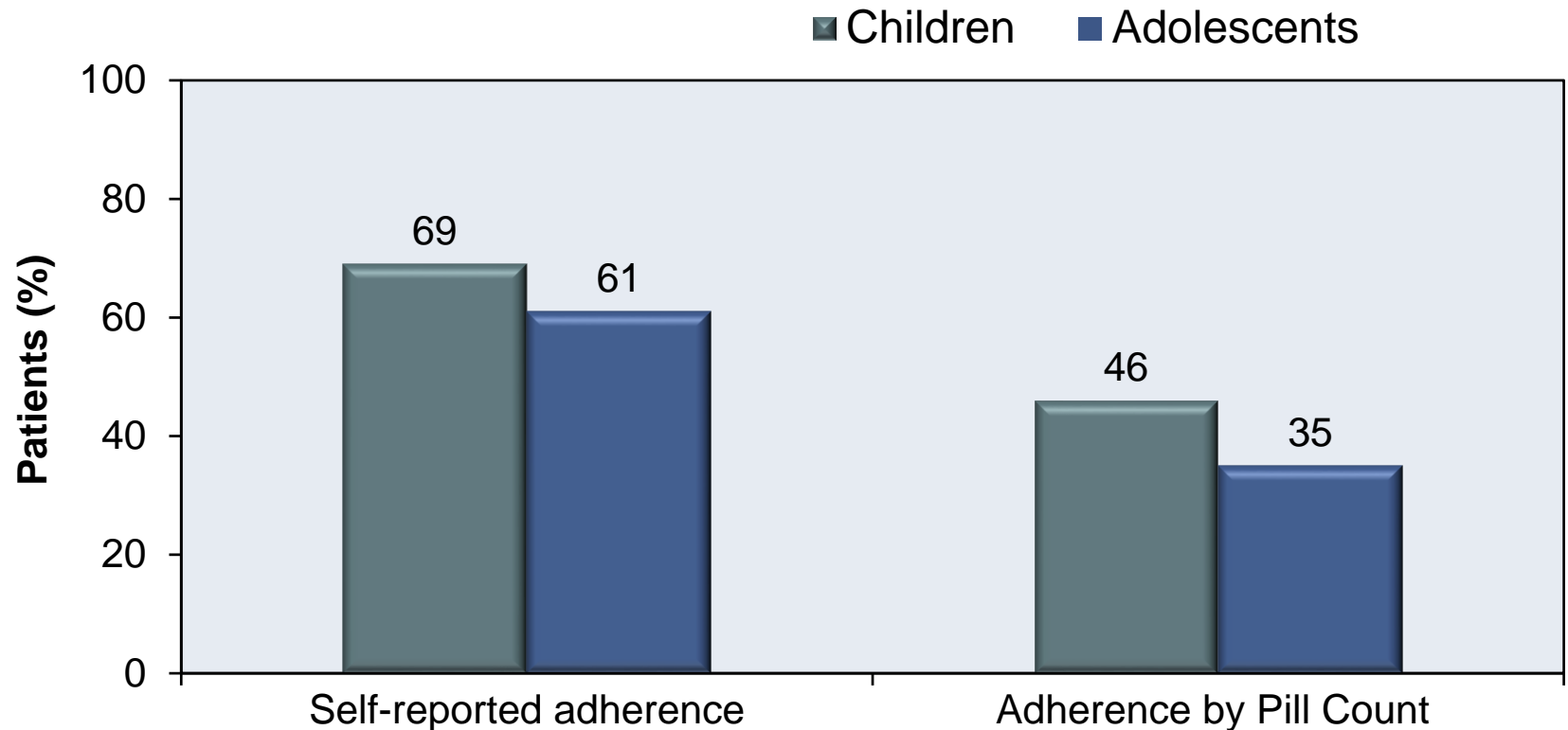
*ITT: Intent-to-Treat, N=F: Noncompleter=Failure

Source: Tudor-Williams G, et al. HIV Med. 2014;15:513-24.

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PIANO: Result

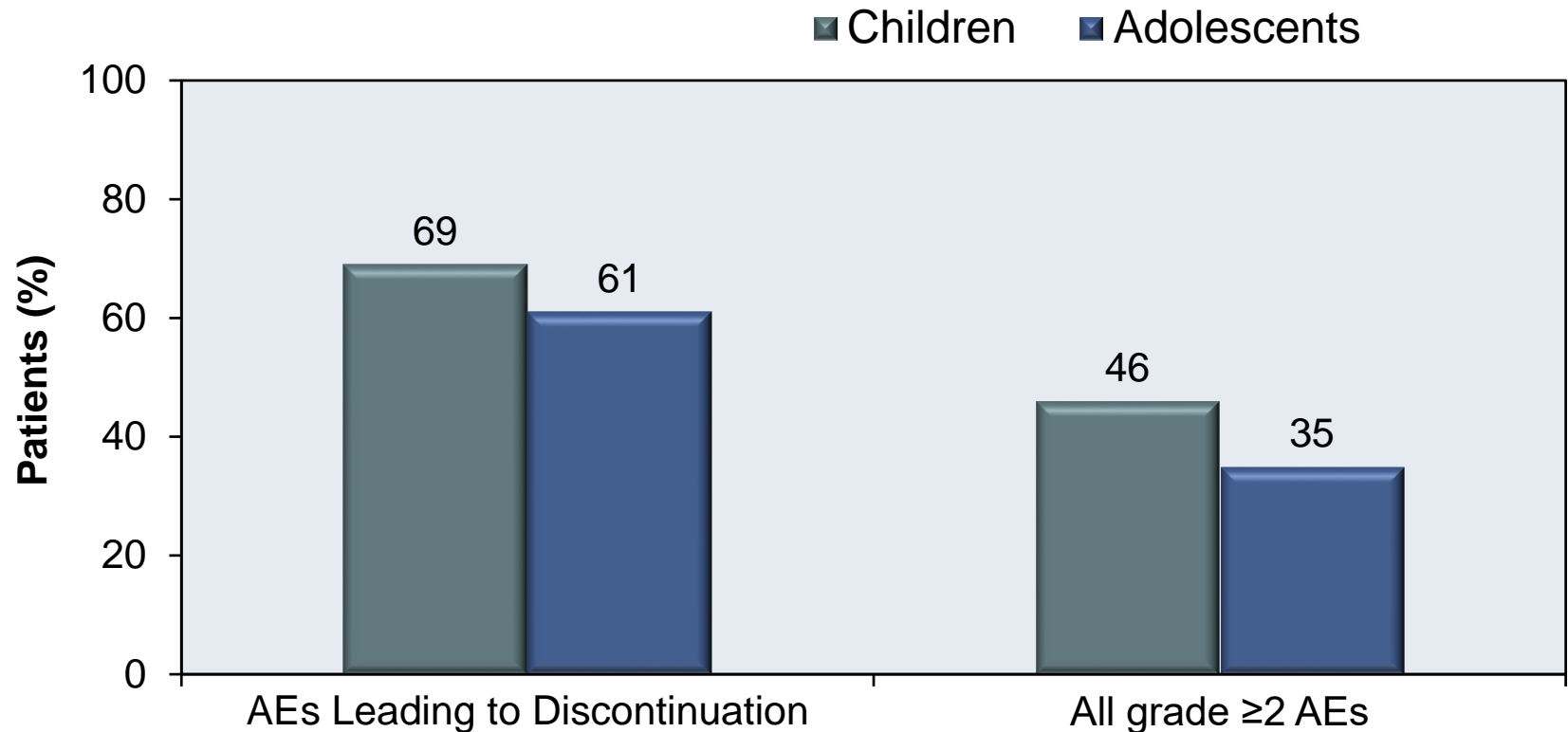
Week 48: Measures of Adherence



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PIANO: Result

Week 48: Adverse Events



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PIANO: Conclusions

Conclusions: “Results with etravirine 5.2 mg/kg bid (with OBR) in this treatment-experienced paediatric population and etravirine 200 mg bid in treatment-experienced adults were comparable. Etravirine is an NNRTI option for treatment-experienced paediatric patients.”

Acknowledgment

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