

Adding Maraviroc to Suppressive ART for Suboptimal CD4 Recovery
ACTG 5256

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ACTG 5256: Study Design

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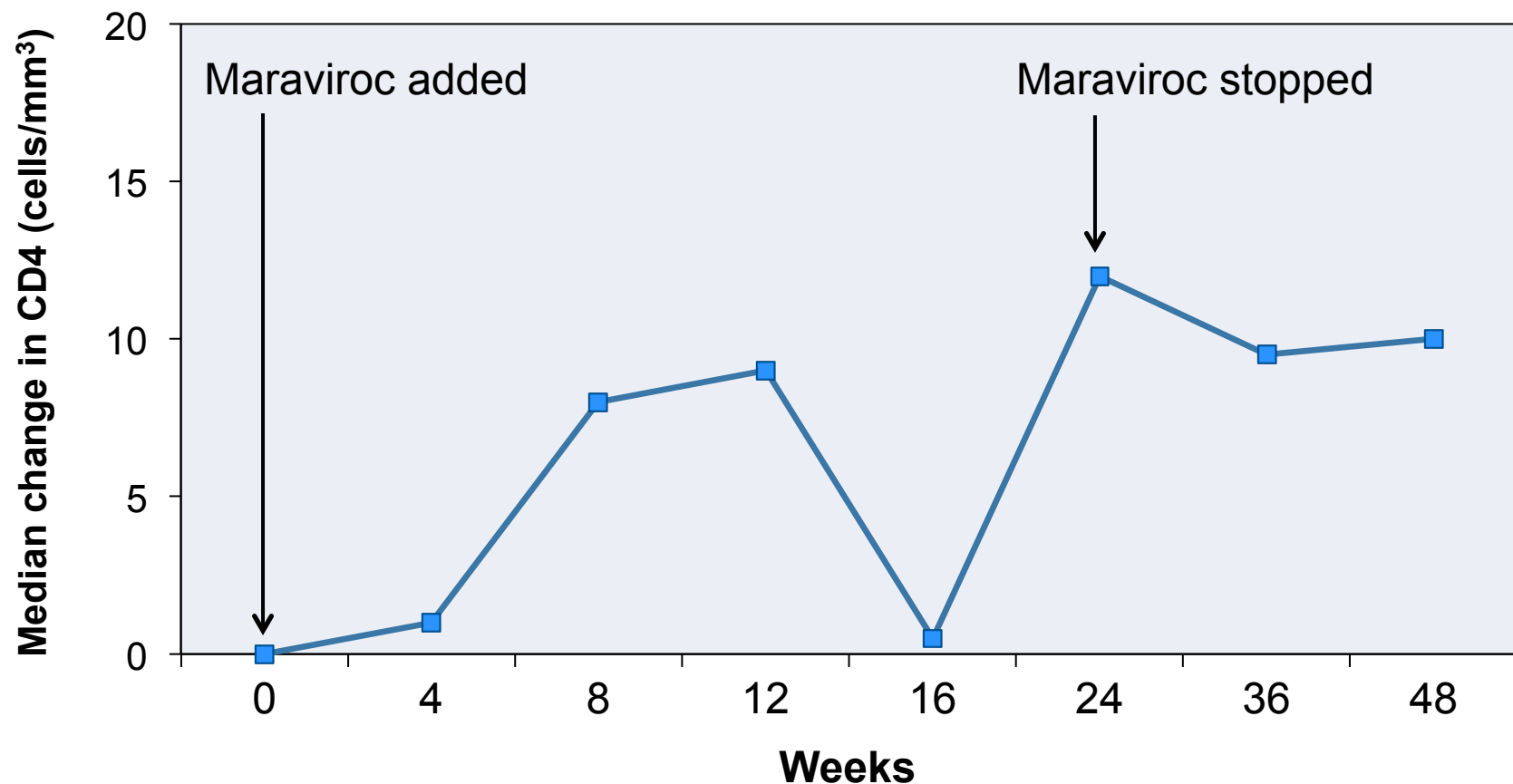
- **Background:** Single-arm, pilot trial of adding maraviroc to suppressive ART in setting of suboptimal CD4 recovery to evaluate whether maraviroc intensification is associated with an increase of at least 20 cells/mm³ in the CD4 count
- **Inclusion Criteria (n = 34)**
 - HIV-1 infected adults
 - Receiving stable ART with HIV RNA below limit of detection for at least 48 weeks
 - Stable but suboptimal CD4 recovery over previous year (<250 cells/mm³ and slope of annual change between -20 and 20 cells/mm³)
 - No prior exposure to a CCR5 antagonist
- **Single Treatment Arm**
 - Maraviroc added to ART for 24 weeks, then stopped and patient followed another 24 weeks

MVC + Suppressive ART
(n = 34)

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ACTG 5256: Results

Change in CD4 Count with Maraviroc Intensification



*The median increase in CD4(+) T-cell count from baseline to week 24 was 12 cells/mm³.

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ACTG 5256: Conclusions

Conclusions: “Adding maraviroc to suppressive ART for 24 weeks was not associated with an increase in CD4⁺ T-cell counts of at least 20 cells/mm³. Further studies of CCR5 antagonists in the dampening of immune activation associated with HIV infection are warranted.”

Acknowledgment

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