

Accepted Manuscript

Evaluation of dried blood spot sampling for pharmacokinetic research and therapeutic drug monitoring of anti-tuberculosis drugs in children

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PII: S0924-8579(18)30129-8
DOI: [10.1016/j.ijantimicag.2018.04.020](https://doi.org/10.1016/j.ijantimicag.2018.04.020)
Reference: ANTAGE 5437

To appear in: *International Journal of Antimicrobial Agents*

Received date: 21 December 2017
Revised date: 11 April 2018
Accepted date: 29 April 2018

Please cite this article as: Lisa C Martial , Jordy Kerkhoff , Nilza Martinez , Mabel Rodríguez , Rosarito Coronel , Gladys Molinas , Myriam Roman , Roscio Gomez , Sarita Aguirre , Erwin Jongedijk , Justine Huisman , Daan J Touw , Domingo Pérez , Gilberto Chaparro , Felipe Gonzalez , Rob E Aarnoutse , Jan-Willem Alffenaar , Cecile Magis-Escurra , Evaluation of dried blood spot sampling for pharmacokinetic research and therapeutic drug monitoring of anti-tuberculosis drugs in children, *International Journal of Antimicrobial Agents* (2018), doi: [10.1016/j.ijantimicag.2018.04.020](https://doi.org/10.1016/j.ijantimicag.2018.04.020)

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Highlights:

- A dried blood spot pharmacokinetic sampling method was evaluated among children with tuberculosis
- Agreement between dried blood spot and plasma concentrations was assessed with Passing-Bablok regression, Bland-Altman plots and predictive performance of dried blood spot measurements
- Despite higher WHO dosing recommendations for children we detected low rifampicin exposures.

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