

## Review: lower cognitive scores for HIV+, HIV-exposed children

January 26 2018

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(HealthDay)—HIV-infected (HIV+) and HIV-exposed but uninfected

(HEU) children have lower cognitive and motor scores than HIV-unexposed and uninfected (HUU) children, according to a review published online Jan. 26 in *Pediatrics*.

Megan S. McHenry, M.D., from Indiana University in Indianapolis, and colleagues conducted a systematic [review](#) and meta-analysis of data on neurodevelopmental performance between young HIV+, HEU, and HUU [children](#). Forty-five studies were identified for inclusion in the review and 11 had Bayley Scales of Infant and Toddler Development scores available and were included in meta-analysis.

The researchers found that HIV+ and HEU children had lower cognitive and motor scores than their HUU peers within the meta-analysis. Lower cognitive and motor scores were reported for HIV+ and HEU children with antiretroviral (ARV) exposure compared to those without ARV exposure.

"With this review, we found that both HIV+ and HEU children show worse cognitive and motor outcomes compared with HUU children," the authors write. "More research is needed to identify the impact of ARV exposure on young children."

**More information:** [Abstract/Full Text \(subscription or payment may be required\)](#)

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Citation: Review: lower cognitive scores for HIV+, HIV-exposed children (2018, January 26) retrieved 7 May 2024 from <https://medicalxpress.com/news/2018-01-cognitive-scores-hiv-hiv-exposed-children.html>

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