

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

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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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