

# Hospital Visits and Infections in Young Children Born to Mother with HIV in the United States

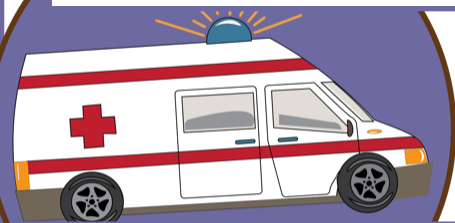
- In other countries, **children born to mothers with HIV may be at risk** for being hospitalized with an **infection** in their first two years of life.
- We wanted to see if this was **true in the United States** as well.

## | WHO PARTICIPATED |



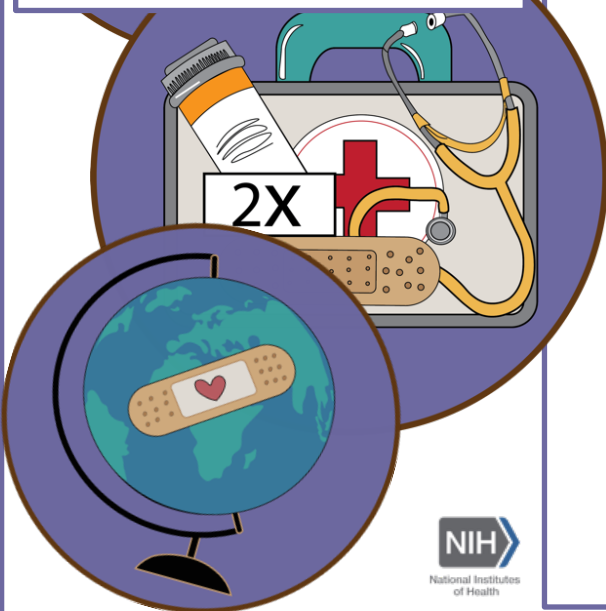
- 2,404 children **without HIV, born to mothers with HIV**, from the SMARTT study.
- 3,605,864 children with Medicaid but **born to mothers without HIV**

## | WHAT WE DID |



- We **compared the children in SMARTT** and the **children on Medicaid** to each other.
- We looked at how **often children got infections** and had to go to the hospital.
- We also looked at the moms in SMARTT to **see if there was a relationship** between their **HIV control** and the **children's hospitalizations**.

## | WHAT WE FOUND |



- We found that children in SMARTT were **two times more likely to be hospitalized** due to infections compared to children in Medicaid.
- Most of the moms had HIV that was under control. We **did not see a relationship** between the **mom's HIV control** and the **children's risk** of getting infections or being hospitalized.
- **Children born to mothers with HIV in the US appear to be at higher risk** for infections and being hospitalized. This is similar to what's been found in other parts of the world. **These children need special care and attention** as they grow up.



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Labuda SM, Huo Y, Kacanek D, et al. Rates of Hospitalization and Infection-Related Hospitalization Among Human Immunodeficiency Virus (HIV)-Exposed Uninfected Children Compared to HIV-Unexposed Uninfected Children in the United States, 2007-2016. *Clin Infect Dis*. 2020;71(2):332-339. PMID: 31504291