

Inequitable poverty exposures in a clinical trial cohort of children with acute lymphoblastic leukemia: an opportunity to address racial and ethnic disparities in pediatric oncology

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Abstract

Black and Hispanic children with leukemia experience inferior survival compared to non-Hispanic White (NHW) children. Identifying modifiable social determinants of health can inform intervention targets to address inequities. We characterized the frequency of income poverty and household material hardship (HMH) by race/ethnicity in a clinical trial cohort with *de novo* acute lymphoblastic leukemia. Compared to NHW families, Black and Hispanic families reported more frequent HMH (19% vs. 47% vs. 68% respectively); low-income (27% vs. 52% vs. 74%), and combined low-income and HMH (12% vs. 37% vs. 52%) poverty exposures. Disparate poverty exposures are interventional targets to address racial/ethnic outcome inequities.

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