

New Pediatric Leukemia and Lymphoma Diagnoses During the Coronavirus-2019 Pandemic, a New York Perspective

Layne Silver¹, Pooja Desai¹, Sareen Shah¹, Julie Krystal¹, Matthew Taylor¹, and Kristina Murphy¹

¹Cohen Children's Medical Center

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Abstract

Viral infections and seasonality are linked with trends in new pediatric leukemia and lymphoma cases. The COVID-19 pandemic disrupted this norm, and subsequently the international medical community observed a decrease in new diagnoses of hematologic cancers in children. However, this was not the trend observed at Cohen Children's Medical Center where, despite examining fifteen months during the COVID-19 pandemic, we did not see a statistically significant decrease in monthly cases. Rather, cases remained constant as compared to pre-COVID-19 periods. This warrants further study at a multi-institutional level to investigate the association between COVID-19 and rates of pediatric leukemia and lymphoma.

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