

Paracetamol

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Lack of efficacy: case report

A 15-year-old boy experienced a lack of efficacy during treatment with paracetamol for fever.

The boy presented to hospital on 28 July 2020 with fatigue, weight loss, petechial rash and easy bruising. He was found to be febrile. Hence, he received multiple anti-infectives, leading to the resolution of fever after 4 days. In the meantime, he tested positive for Covid-19. He was also found to have paediatric acute myeloid leukaemia, for which he started receiving chemotherapy on hospital day 8. However, one day following initiation of induction chemotherapy, the fever re-occurred. He was treated with paracetamol [acetaminophen; *route and dosage not stated*], in spite of which, he continued to experience intractable high-grade fevers. He was eventually diagnosed with multisystem inflammatory syndrome in children secondary to Covid-19 infection.

Tekle-Yohannes GH, et al. Multisystem Inflammatory Syndrome in Children during Induction Chemotherapy in a Newly Diagnosed Pediatric Acute Myeloid Leukemia and Concurrent COVID-19. *Journal of Pediatric Hematology/Oncology* 44: E532-E536, No. 2, Mar 2022. Available from: URL: <http://journals.lww.com/jpho-online> 803656629