

# Immune thrombocytopenia secondary to COVID-19 infection: Report of two cases and review of the literature.

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## Abstract

Immune thrombocytopenia (ITP) is well described in children and commonly associated to recent viral infections. We present a 15-year-old male and a 3.5-year-old female with ITP secondary to COVID-19. Both patients presented with bruises, epistaxis and low platelet count. Both were successfully treated with a single dose of intravenous immunoglobulin. They had a history of asymptomatic (the first) and mild (the second), molecularly confirmed, COVID-19 infection three and five weeks prior to thrombocytopenia respectively, raising the possibility of a causal association between SAR-COV-2 and ITP. This linkage is rare and remains a field to be further explored.

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