



ACUTE HEMOLYSIS AND METHEMOGLOBINEMIA IN G6PD DEFICIENCY AFTER ACALYPHA INDICA INGESTION

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Objectives: To report a case of Glucose-6-phosphate dehydrogenase (G6PD) deficiency who developed acute hemolysis and methemoglobinemia after *Acalypha indica* ingestion

Methods: A review of patient's information and Pubmed database searches was performed to investigate the case

Results: A 59 years old patient, no significant past medical history, presented with fatigue and diarrhea for 2 weeks after *Acalypha indica* ingestion. Physical examination revealed pallor, tachypnea, tachycardia and elevated blood pressure without cyanosis. Pulse oximetry showed moderate hypoxemia which could not be improved by oxygen supplementation. Further investigation revealed hemolytic anemia, complete enzyme G6PD deficiency, wide oxygen saturation gap and elevated methemoglobin level

Conclusions: *Acalypha indica* ingestion can cause of acute hemolysis and methemoglobinemia in G6PD deficiency patient