

## **Abstract**

Gitelman syndrome (GS) is a rare tubulopathy with an autosomal recessive inheritance pattern. It is characterized by metabolic alkalosis and multiple electrolyte imbalances leading to heterogeneous clinical manifestations. Cardiac arrhythmias are a rare complication of this rare clinical entity, which occurs most possibly due to hypokalemia and hypomagnesaemia, and occasionally causes sudden cardiac death.

We report a case of a 51-year-old male patient, who had presented with multiple episodes of palpitations and dizziness for a 1-day duration. He was found to have ventricular tachycardia (VT) for which treatment was commenced and had poor response. His investigations revealed metabolic alkalosis, hypokalemia and hypomagnesaemia. With the correction of electrolyte imbalances arrhythmias settled. On further investigation and after exclusion of other causes, GS was confirmed.

