

## **Abstract**

Acute fulminant hepatic failure is a rare clinical presentation of autoimmune hepatitis (AIH). Severe acute form of autoimmune hepatitis can develop from de novo inflammation or through the exacerbation of chronic inflammation. AIH is diagnosed based on the clinical presentation and presence of auto antibody, elevated gamma globulin levels and histological features. This is a case of a 24-year-old female who admitted to our hospital with the history of fever for 2 weeks duration associated with yellow discoloration of eyes. Her Laboratory investigations revealed Hypergammaglobulinaemia (IgG), positive antinuclear (ANA 1/1000) and anti-smooth muscle (ASMA) antibodies, and liver biopsy showed features of severe acute interface hepatitis. Based on her clinical and laboratory findings, she was diagnosed as type 1 autoimmune hepatitis and achieved good clinical response with steroids and azithioprine.