

Abstract:

Seronegative autoimmune hepatitis (AIH) is a rare variant of autoimmune liver disease characterized by the absence of typical autoantibodies, such as anti-smooth muscle antibody (SMA) and anti-nuclear antibody (ANA)(1) Despite its uncommon occurrence, seronegative AIH can lead to severe liver damage and cirrhosis. It presents with varied clinical features from acute hepatitis to chronic liver diseases like chronic viral hepatitis and alcoholic liver disease, making it difficult to diagnose in the absence of a high index of suspicion and adequate laboratory support. Here we discuss a case of a 21 year old man who developed sero negative autoimmune hepatitis with initial good response to immunosuppressive therapy and later progressed to decompensated cirrhosis after 1 year of diagnosis indicating liver transplantation.