

## **Abstract**

Leptospirosis is a febrile illness caused by spirochetes of the genus *Leptospira* sp. The disease is mostly self-limiting but can cause severe disease with multiorgan dysfunction like Weil's disease, where the case fatality rate is over 40%. Mild symptoms of leptospirosis include fever, myalgia mostly in calf muscles, conjunctival suffusion. Severe disease includes acute kidney injury due to interstitial nephritis or acute tubular necrosis, pulmonary hemorrhages, myocarditis, jaundice and shock. However, acute pancreatitis is not a commonly reported manifestation of leptospirosis. Herein, we present a case of Weil's disease in a 30-year-old male who presented with acute abdominal pain and fever of 3 days duration. During the hospital stay he developed acute respiratory distress with features of shock. He was appropriately resuscitated with oxygen, intravenous fluids and inotrope and followed by urgent plasmapheresis and sequential therapeutic plasma exchange for pulmonary hemorrhage and acute kidney injury respectively.