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A CASE REPORT: ACUTE PANCREATITIS AS A RARE COMPLICATION OF WEIL'S DISEASE IN INDONESIA

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Background: Weil's disease is a severe form of leptospirosis and caused by a pathogenic strain of *Leptospira*, one of rare clinical manifestation is acute pancreatitis. Diagnosis of acute pancreatitis based on clinical manifestation and laboratory finding. In this study, author reports that Weil's disease with acute pancreatitis as the main complication during the rainy season in Jakarta, Indonesia.

Case Presentation: They reported a case of 43 years old man suffering Weil's disease with acute pancreatitis. The patient complained with right upper abdominal pain (VAS 7-8), gastrocnemius pain, fever, vomitus, jaundice, discoloration of stool, brown urination and history of digging the grave one week before admission. Physical examination found hypotension, ictero hemorrhagic of sclera and epigastric pain. In laboratory finding thrombocytopenia, increasing of bilirubin, ureum, creatinine, amylase and lipase, hypoalbuminemia and negative hepatitis viral serologic; Abdominal ultrasonography found nephrolithiasis bilateral and full of sludge in bile duct mimicking to cholelithiasis. 48 hours later, this patient had clinical regression and procalcitonin was 10, then admitted to the intensive care unit. They gave rehydration, inotropic, carbapenem class antibiotic and supportive therapy. Two days later, IgM *leptospira* (+), decreasing of PCT, amylase and lipase, the clinical signs improved. Then the patient recovered without sequelae after 11 days of admission.

Conclusion: This rare case defined that acute pancreatitis should be identified early to reduce morbidity and mortality rate in Weil's disease.

BIOGRAPHY

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