Abstract

Haemophagocytic lymphohistiocytosis (HLH) is a hyper inflammatory condition of unrestrained activation of macrophages. The cause could be either primary or secondary to infections, autoimmune or malignancy. Secondary HLH following Dengue fever[1, 2] and Tuberculosis[3] are reported, although secondary HLH in a patient with leptospirosis is rare. Here describes a case report of leptospirosis infection complicated with vasculitic skin rash accompanied by painful acrocyanosis. Reappearance of fever and pancytopenia with marked elevation of serum Ferritin and elevated levels of triglyceride were seen during the early recovering phase of leptospirosis. This case fulfilled the criteria of Haemophagocytic lymphohistiocytosis and the bone marrow biopsy was confirmative.