Case Report

Adult Onset Henoch-Schönlein Purpura Complicated by Acute Kidney Injury Responded to Steroid and Mycophenolate Mofetil Therapy

Stella Pui-Yan Wong, Tony Kwok-Fung Chau, Elaine Tsz-Ling Ho

Abstract: Adult onset Henoch-Schönlein purpura (HSP) is an uncommon disease with distinct clinical features. Delay in diagnosis may lead to morbidity and mortality. HSP nephritis is considered to be the most serious complication. Prompt and aggressive immunosuppressive therapy is the key to successful treatment. We reported a 51-year-old man who suffered from adult-onset HSP. He presented with necrotizing leg ulcers, leucocytoclastic vasculitis and acute kidney injury. Renal biopsy showed diffuse and global increased mesangial matrix with positive IgA and C3 staining which is compatible with HSP nephritis. He was treated with steroid, mycophenolate mofetil, and temporary haemodialysis. He responded well to the treatment with almost complete renal recovery one year after diagnosis.

Keywords: Acute kidney injury, adult-onset, Henoch-Schönlein purpura, IgA nephritis, mycophenolate mofetil