

Abstract:

Granulomatosis with polyangiitis (GPA) previously named as Wegner's granulomatosis is an autoimmune disease of unknown aetiology which affects multiple systems in the body. It mainly affects the respiratory system and the kidneys. Rapidly progressive glomerular nephritis (RPGN) is a well-known complication of granulomatosis with polyangiitis. In this disorder small sized vessels in the respiratory tract and kidneys are become inflamed and damaged. Other areas such as nose, sinuses, ears, skin and nerve tissue also can be affected in this granulomatosis polyangiitis. Granuloma formed in the blood vessel which can cause tissue damage. Granulomatosis polyangiitis is commonly affect middle-aged adults age between 40 and 65 years. This is a Case report of a 46-year-old female teacher presented with red colour urine for two weeks duration, found to have severe renal impairment and respiratory tract infection