

#1968 - TAFRO syndrome with glomerulonephritis ; The first case from Iran

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Body

Objectives: TAFRO syndrome is a new presentation of

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idiopathic multicentric Castleman disease which is termed as thrombocytopenia, anasarca, fever, reticulin myelofibrosis and organomegaly. The exact pathophysiology of TAFRO syndrome is unclear and management is mostly based on case reports and expert opinion. Methods: Histologic findings of bone marrow, skin, kidney and lymph node biopsy and other laboratory findings of the 37 year old male has been provided. Results: The patient was referred with fever, sweating, anorexia, abdominal distension and generalized edema. The patient also developed skin lesions dispersed in red nodules, which was reported as "granuloid hemangioma". Renal biopsy reported mesangioproliferative glomerulonephritis and bone marrow specimen showed hypercellular marrow with reticulin fibrosis. The lymph node biopsy was reported as Castleman disease. Conclusions: Different manifestations of TAFRO syndrome may overlap with other syndromes and can be managed by corticosteroids, tocilizumab, rituximab, and bortezomib. Keywords: Castleman disease; hemangioma; glomerulonephritis

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