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신장 메잔지움과 간질에 지문모양의 침착을 보이는 IgG4관련 세뇨관간질신염 1예

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A Case of IgG4-Related Tubulointerstitial Nephritis with Organoid Deposits in Mesangium and Interstitium of Kidney

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IgG4-related disease is a clinically distinct entity with a variety of organ involvement and IgG4+ plasma cell-rich infiltrate. We report a case of IgG4-related tubulointerstitial nephritis (TIN) with peculiar organoid deposits in the kidney mesangium and interstitium. The patient was a 58-year-old male presented with acute renal failure in 2000. Laboratory findings showed increased serum creatinine and IgG levels, hypocomplementemia, and eosinophilia. Renal biopsy revealed acute interstitial nephritis with lymphoplasmacytic and eosinophilic infiltrates and fibrosis. A strong, diffuse IgG staining was present in the interstitium. Organoid deposits were electron-dense and had focal fingerprint pattern. Immunohistochemisty performed in 2011 revealed many IgG4+ plasma cells. He was treated with steroid and then showed improved renal function. Arthritis and pericarditis developed four years after the treatment. However, signs of lupus or Sjögren

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