

A Case of Hemorrhagic Fever with Renal syndrome Associated with Antiglomerular Basement Membrane Antibody and Antineutrophil Cytoplasmic Antibody

국군부산병원 내과¹, 가정의학과²

신호식¹ · 박찬호¹ · 이정규²

Hemorrhagic fever with renal syndrome (HFRS), caused by several types hantavirus (i.e., Hantaan, Dobrava, Seoul and Puumala), is characterized by fever of acute onset, acute renal insufficiency.

The mechanism for the renal injury in HFRS remains unclear. Renal biopsy specimens from patients with HFRS caused by Hantaan virus have revealed viral glycoproteins in renal tubular cells. This may suggest that hantaviruses directly contribute to the acute renal failure. But, immune mechanisms have been proposed.

Herein, we report a case of HFRS associated with antiglomerular basement membrane antibody and antineutrophil cytoplasmic antibody.