

일차성 쇼그렌 증후군에 동반된 Gitelman 증후군

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Acquired Gitelman's Syndrome in a Patient with Primary Sjogren's Syndrome: Absence of the Sodium-chloride Cotransporter (NCCT) in the Distal Convulated Tubules

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A 47-year-old woman with sicca complex presented to our clinic with intermittent muscle cramping and weakness of the both lower extremities for several months. The laboratory findings showed a hypokalemic metabolic alkalosis, hypomagnesemia and hypocalciuria, which met the criteria for Gitelman's syndrome (GS). The diagnostic evaluation identified primary Sjogren's syndrome (SS) as the cause of the acquired GS. Immunohistochemical staining of renal tissue showed the absence of the sodium-chloride cotransporter (NCCT) in the distal convoluted tubules. This is a rare case of acquired GS associated with primary SS proven by immunohistochemical staining with absence of the NCCT in the distal convoluted tubules.

Key Words : Gitelman 증후군, 쇼그렌 증후군, NCCT
Gitelman's syndrome, Sjogren's syndrome, NCCT