

## 이뇨제 유발성 신석회화 연관된 기종성 신우신염 증례

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### **A Case of Emphysematous Pyelonephritis associated with Surreptitious Furosemide Ingestion Induced Nephrocalcinosis**

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Chronic abuse of furosemide as a cause of hypokalemia has been reported numerous times. However, extreme furosemide-induced hypokalemia is rare and is associated with life-threatening cardiac arrest. Typically, furosemide-induced hypokalemia is characterized by hypocalcemia, hypomagnesemia, high urine calcium/creatinine ratio and high urine sodium excretion. Furosemide-induced hypokalemia may also present with hypercalciuria, nephrocalcinosis and emphysematous pyelonephritis, as evidenced by the case reported herein.

**Key Words:** 이뇨제, 신석회화, 기종성 신우신염

Furosemide, Nephrocalcinosis, Emphysematous pyelonephritis