

中文題目：大腸桿菌引起之產氣性腎盂腎炎

英文題目：Escherichia coli infection related emphysematous pyelonephritis – A case report

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Case report: A 62-year-old female with history of 1. bilateral acute pyelonephritis with abscess, *Klebsiella pneumoniae*, complicating with septic shock and endophthalmitis OD, 2. hypertension, 3. Type 2 diabetes mellitus, presented to emergent department with right flank pain, intermittent fever, vomiting, diarrhea and dysuria for 1 day. Laboratory studies were notable for pyuria on urinalysis (white blood count (WBC): >1000/ul), leukocytosis (WBC: 30200/ul), elevated high-sensitivity c-reactive protein (13.64 mg/dl). Abdominal echogram showed hyper echoic in right renal. Kidney, ureter, bladder (KUB) x-ray showed radiopaque densities superimposed with R't renal shadow. Subsequent computed tomography (CT) of the abdomen revealed right hydronephrosis and right renal stone, air in dilated pelvicalyceal system, and right pneumoureter. We arrange right percutaneous nephrostomy (PCN) and broad-spectrum antibiotics with flomoxef. Urine culture showed *Escherichia coli*. Insulin regimen was modified and his diabetes improved. Her condition gradually improved and she was discharged home. Her antibiotics regimen was stepped down to Cefixime for 2 more weeks.