

## Late and rare complications of urolithiasis: Paranephric abscess and renal replacement lipomatosis

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### Abstract

**Background:** We present a case of 62 year-old Kazakh women who for a long period of time suffered from back pain, weakness (has been treated with osteochondrosis), and was not aware about her kidney stones. She had never had hematuria or renal colic and urgently was admitted in a severe condition with large palpable abdominal mass. Physical examination, laboratory data, radiology of the urinary tract, surgical treatment, histology, medical follow-up. **On physical examination:** The lumbar region on the right side is oedematic, hyperemic, and sharply painful on palpation. Oedema spreads down into iliac region and suprapubic area; and medially – to the median line with involvement of the umbilical ring. **MRI of the urinary tract:** The size of the right kidney is reduced; shadow of multiple stones seen in; the parenchyma is thinned. Beginning from the lower pole of the right kidney up to the pelvic cavity – shadow of a liquid mass with heterogenous density, measuring 21 x 8.4 cm is determined. **Surgical Procedure** Lumbotomy, lower paranephral abscess drainage. Later – right nephrectomy. **Renal replacement lipomatosis, severe renal tubular dystrophy.**

### Biography:

Karimbayev Kidirali graduated from Tashkent Medical Institute as a Bachelor of Medicine in 1969, worked in regional hospital in Uzbekistan as an Anesthesiologist during 1969-1976 and in the year 1977 specialized as an Urologist. He earned Post-graduate degree in Urology at the Central Post Graduation Institute (Moscow 1977-1980) and worked as an Assistant Professor at the Department of Urology of Tashkent Medical Institute (1980-1993), then Head of Department of Urology of Republic Hospital (Tashkent, Uzbekistan). Since September 2013, he is working as

Professor of Urology in Medical School of International Kazakh-Turkish University. In 1981, he completed his Dissertation Research Work “Transurethral resection in diagnostics of prostatic cancer” and was awarded with the degree of PhD and in 2002 - Dissertation Research Work “Modern methods in the treatment of long and complicated urethral strictures” Moscow with degree of Doctor of Medicine. He has more than 60 articles which were published in republican and international journals. Also, he is a Translator of the “Robbins Basic Pathology”. He translated the book from English to Kazakh language to give Kazakh Medical Students opportunity to study foreign Medical literature.