Clinical Vignette

Sloughing renal tubular epithelial cell

Sydney TANG, Kwok-Wah CHAN, Tak-Mao CHAN, Kar-Neng LAI
Departments of Medicine and Pathology, Queen Mary Hospital, The University of Hong Kong, Hong Kong.

A 48-year-old man with end-stage renal failure from hypertensive nephrosclerosis received a cadaveric renal transplant. There was primary nonfunction of the graft. Renal DTPA scintiscan (Panel A) showed mildly reduced perfusion but markedly impaired excretory function, indicative of acute tubular necrosis. Graft renal biopsy (Panel B) showed the eosinophilic degeneration of a tubular epithelial cell shedding into the tubular lumen (H&E, x100).