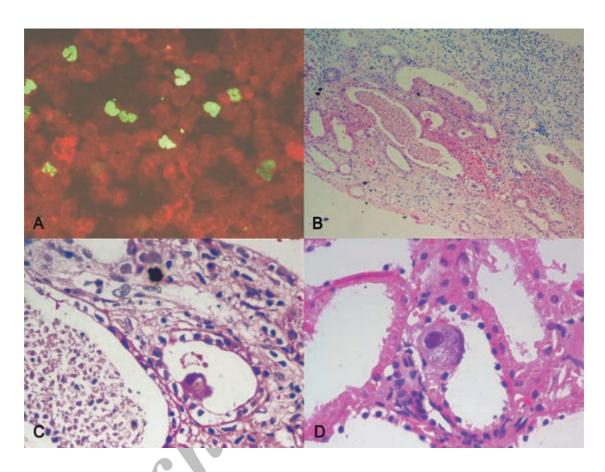
TRANSPLANTATION | (1)

Cytomegalovirus-Related Tubulointerstitial Nephritis in a Kidney Allograft

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A 20-year-old man presented with elevated serum creatinine level 3 months after kidney transplantation. Cytomegalovirus (CMV) pp65 antigen was detected by indirect immunofluorescent method. Figure A shows contaminated cells in phosphorous green (\times 400). Kidney needle biopsy was performed and tubulointerstitial nephritis with CMV cytopathic effects was observed on pathologic examination. No obvious evidence of active rejection was seen. The specimens stained by hematoxylin-eosin revealed typical features of CMV-related tubulointerstitial nephritis with casts (Figure B, \times 100; Figure C, \times 200). Figure D shows CMV inclusions in the tubular epithelia cells (\times 400).

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