Encephalopathy occurring in a patient with chronic renal failure following cefazolin sodium pentahydrate therapy

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ABSTRACT A 64-year-old man was hospitalized with hypertension and chronic renal failure complicated by superficial abscess of left ankle. The man was infused with cefazolin sodium pentahydrate 2g dissolved in 100 ml of sodium chloride injection 0.9% every 12 hours intravenously for treating infection. Three days later, the man developed mental disorder, consciousness disturbance and convulsion. Water and electrolyte disturbances, uraemic encephalopathy, cerebrovascular accident and viral encephalitis were excluded by CT examination and blood biochemical analysis. Cefazolin sodium pentahydrate was stopped and other medications were unchanged. The patient’s encephalopathic symptoms resolved gradually.

KEY WORDS cefazolin sodium pentahydrate; encephalopathy; chronic renal failure; adverse reaction
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