A Case of Acute Renal Failure as a Side Effect of Valacyclovir in an Elderly Patient with Progressive Supranuclear Palsy

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Abstract We report a 74-year-old woman with progressive supranuclear palsy who developed low blood pressure, gastrointestinal dysfunctions, and acute renal failure after oral administration of 3 doses of valacyclovir (1000mg) for the treatment of herpes zoster on February 5th, 2008. Her creatinine clearance was estimated at 72.3ml min by the Cockcroft–Gault equation before starting valacyclovir. Despite receiving the correct dose, her serum valacyclovir level increased to 15.2μg ml and serum creatinine was 3.25mg dl. After 14 days, valacyclovir-induced renal impairment resolved with fluid replacement therapy and intravenous administration of dopamine. We should pay close attention to valacyclovir therapy in elderly patients.

関連団体：日本アレルギー学会，日本呼吸器学会，日本脳神経学会 庄司俊雄（東京薬院）
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