

SATISFACTORY RESULTS OF HEMODIALYSIS IN IFOSFAMIDE INDUCED ENCEPHALOPATHY

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Objectives: We report the interpolation of Ifosfamide related encephalopathy

Methods: We reviewed the clinical course of a patient with Ifosfamide induced encephalopathy.

Results: A Thai man aged 41 years with retroperitoneal sarcoma with progressive abdominal pain was admitted for chemotherapy. After adriamycin and ifosfamide were given in the second day, he slept more than usual, answered to questions slowly anorexia, loss of apitite and stuporous consciousness in the third day of medication. Physical examination and all investigation did not explain the symptoms. The physicians considered in history and initial blood chemistry assessment before chemotherapy. Ifosfamide induced encephalopathy was suspected due to predisposing factors, a huge retroperitoneal mass, serum albumin and sodium were lower than normal limit. After 200 mg of methylene blue devided to 4 dose in twenty-two hours were administrated, he did not respond. Renal function was normal. High flux hemodialysis was considered and performed, neurological symptoms were improved just thirty minutes after starting high flux dialysis.

Conclusions: This case shows that Ifosfamide-induced encephalopathy without acute renal failure could benefit from hemodialysis upon did not response to methylene blue. It is proposed that Ifosfamide is dialysable.