

Table 2**Safety Data from Clinical Trials of Ertapenem (n = 1644 Ertapenem-Treated Patients)¹³⁻¹⁹**

Reference	Drugs/Patient Population	Renal Dose Adjustment	Number of Patients Experiencing Seizures	Comments
Ortiz-Ruiz G, et al. (2002) ¹³	ERT 1g IV q.d. CTX 1g IV q.d. Adult CAP patients (n = 498)	Patients with CrCl < 30 mL/min/1.73 m ² received ERT 500 mg IV q.d.	1/242 ERT-treated patients (0.41%) experienced a tonic-clonic seizure on day 10 of treatment	Patient was 89-year-old woman; recovered without receiving antiseizure medication. Electroencephalograph on study day 53 normal
Vetter N, et al. (2002) ¹⁴	ERT 1g IV or IM q.d. CTX 1g IV or IM q.d. Adult CAP patients (n = 359)	Patients with CrCl < 30 mL/min/1.73 m ² received ERT 500 mg IV q.d. Patients requiring HD or PD were excluded	1/236 ERT-treated patients (0.42%) experienced 2 seizures on day 10 of treatment. Of note, on study day 9, dose of ERT increased to 2g IV q.d. due to suboptimal response to ERT 1g IV q.d. ERT D/C'd and patient recovered without sequelae	Patient was 76-year-old man with epilepsy and history of resected frontal meningioma. Valproic acid therapy stopped on day 5 due to tremors, and phenytoin started. Phenytoin level subtherapeutic on day 10
Solomkin JS, et al. (2003) ¹⁵	ERT 1g IV q.d. P/T 3.375g IV q.6h. Adult patients with complicated intra-abdominal infections (n = 633)	Patients with CrCl ≤ 30 mL/min or undergoing dialysis were excluded (type not specified). P/T dose adjusted according to PI	1/323 ERT-treated patients (0.31%) experienced a grand-mal seizure. 1/310 P/T-treated patients (0.32%) experienced a seizure	No details on the seizure cases were provided (time of onset, age of patients, past medical history, etc)
Graham DR, et al. (2002) ¹⁶	ERT 1g IV q.d. P/T 3.375g IV q.6h. Adult patients with complicated skin and skin/structure infections (n = 529)	Patients requiring HD or PD were excluded from the study	None of the patients experienced seizures	
Tomera KM, et al. (2002) ¹⁷	ERT 1g IV q.d. CTX 1g IV q.d. Adult patients with complicated UTI (n = 582)	Patients with CrCl ≤ 30 mL/min or undergoing HD/PD were excluded	None of the patients experienced seizures	
Yellin AE, et al. (2002) ¹⁸	ERT 1g IV q.d. ERT 1.5g IV q.d. CTX 2g IV q.d. + MET 500mg IV q.8h. Adult patients with complicated intra-abdominal infections (n = 158)		None of the patients experienced seizures	
Jimenez-Cruz F, et al. (2002) ¹⁹	ERT 1g IV q.d. CTX 1g IV q.d. Adult patients with complicated UTI (n = 258)	Patients with CrCl < 30 mL/min received ERT 500 mg IV q.d. Patients requiring HD or PD were excluded	None of the patients experienced seizures	

CAP = community acquired pneumonia; CTX = ceftriaxone; ERT = ertapenem; HD = hemodialysis; MET = metronidazole; PD = peritoneal dialysis; PI = prescribing information; P/T = piperacillin/tazobactam; UTI = urinary tract infection.