

# 165 Seizures and Status Epilepticus in Adults

## REFERENCES

1. Orringer LE, Eustace JC, Wunsch CD, et al: Natural history of lactic acidosis after grand-mal seizures. A model for the study of an anion-gap acidosis not associated with hyperkalemia. *N Engl J Med* 297: 796, 1977.
2. Rao ML, Stefan H, Bauer BJ: Epileptic but not psychogenic seizures are accompanied by simultaneous elevation of serum pituitary hormones and cortisol levels. *Neuroendocrinology* 49: 33, 1989.
3. American College of Emergency Physicians: Critical issues in the evaluation and management of adult patients presenting to the emergency department with seizures. *Ann Emerg Med* 43: 605, 2004.
4. Hope OA, Zeber JE, Kessin N, et al: New-onset geriatric epilepsy care: race, setting of diagnosis, and choice of antiepileptic drug. *Epilepsia* 50: 285, 2009.
5. First Seizure Trial Group: A randomized clinical trial on the efficacy of antiepileptic drugs in reducing the risk of relapse after a first unprovoked tonic-clonic seizure. *Neurology* 43: 478, 1993.
6. Pesola GR, Westfal RE: New-onset generalized seizures in patients with AIDS presenting to an emergency department. *Acad Emerg Med* 5: 905, 1998.
7. Modi G, Modi M, Martinus I, et al: New-onset seizures associated with HIV infection. *Neurology* 55: 1558, 2000.
8. White AC: Neurocysticercosis: updates on epidemiology, pathogenesis, diagnosis, and management. *Annu Rev Med* 51: 187, 2000.
9. Garcia HH, Evans CA, Nash TE, et al: Current consensus guidelines for treatment of neurocysticercosis. *Clin Microbiol Rev* 15: 747, 2002.
10. Bench R, Kaplan P: Seizures in pregnancy: diagnosis and management. *Int Rev Neurobiol* 83: 259, 2008.
11. Mattar F, Sibai BM: Eclampsia VIII. Risk factors for maternal morbidity. *Am J Obstet Gynecol* 182: 307, 2000.
12. The Eclampsia Trial Collaborative Group: Which anticonvulsant for women with eclampsia? Evidence from the Collaborative Eclampsia Trial. *Lancet* 345: 1455, 1995.
13. Witlin AG, Sibai BM: Magnesium sulfate therapy in preeclampsia and eclampsia. *Obstet Gynecol* 92: 883, 1998.
14. Rathlev NK, D'Onofrio G, Fish SS, et al: The lack of efficacy of phenytoin in the prevention of alcohol-related seizures. *Ann Emerg Med* 23: 513, 1994.
15. Chen JW, Wasterlain CG: Status epilepticus: pathophysiology and management in adults. *Lancet Neurol* 5: 246, 2006.
16. Lowenstein DH, Bleck T, Macdonald RL: It's time to revise the definition of status epilepticus. *Epilepsia* 40: 120, 1999.
17. Leppik IE, Derivan AT, Homan RW, et al: Double-blind study of lorazepam and diazepam in status epilepticus. *JAMA* 249: 1452, 1983.
18. Shah, AM, Vashi A, and Jagoda A: Review article: convulsive and non-convulsive status epilepticus: an emergency medicine perspective. *Emerg Med Australas* 21: 352, 2009.
19. Treiman DM, Meyers PD, Walton NY, et al: A comparison of four treatments for generalized convulsive status epilepticus. *N Engl J Med* 339: 792, 1998.
20. McIntyre J, Robertson S, Norris E, et al: Safety and efficacy of buccal midazolam versus rectal diazepam for emergency treatment of seizures in children: a randomized controlled trial. *Lancet* 366: 205, 2005.
21. Mpimbaza A, Ndeezzi G, Staedke S, et al: Comparison of buccal midazolam with rectal diazepam in the treatment of prolonged seizures in Ugandan children: a randomized clinical trial. *Pediatr* 121: e58, 2008.
22. Meek PD, Davis SN, Collin DM, et al: Guidelines for nonemergency use of parenteral phenytoin products: proceedings of an expert panel consensus process. Panel on Non-emergency Use of Parenteral Phenytoin Products. *Arch Intern Med* 159: 2639, 1999.
23. Mayer SA, Claassen J, Lokin J, et al: Refractory status epilepticus, frequency, risk factors, and impact on outcome. *Arch Neurol* 59: 205, 2002.
24. Agarwal P, Kumar N, Chandra R, et al: Randomized study of intravenous valproate and phenytoin in status epilepticus. *Seizure* 16: 527, 2007.
25. Sinha S, Naritoku DK: Intravenous valproate is well tolerated in unstable patients with status epilepticus. *Neurology* 55: 722, 2000.
26. Wheless JW, Treiman DM: The role of the newer antiepileptic drugs in the treatment of generalized convulsive status epilepticus. *Epilepsia* 49(Suppl 9): 74, 2008.
27. Classen J, Hirsch LJ, Emerson RG, Mayer SA: Treatment of status epilepticus if first drug fails. *Epilepsia* 40(suppl 7): 243, 2002.
28. Parent JM, Lowenstein DH: Treatment of refractory generalized status epilepticus with continuous infusion of midazolam. *Neurology* 44: 1837, 1994.
29. Stecker MM, Kramer TH, Raps EC, et al: Treatment of refractory status epilepticus with propofol: clinical and pharmacokinetic findings. *Epilepsia* 39: 18, 1998.
30. Prasad A, Worrall BB, Bertram EH, et al: Propofol and midazolam in the treatment of refractory status epilepticus. *Epilepsia* 42: 380, 2001.
31. Hsieh CY, Sung PS, Tsai JJ, et al: Terminating prolonged refractory status epilepticus using ketamine. *Clin Neuropharmacol* 33: 165, 2010.
32. Pruss H, Holtkamp M: Ketamine successfully terminates malignant status epilepticus. *Epilepsy Res* 82: 219, 2008.
33. Abend NS, Drugos DJ: Treatment of refractory status epilepticus: literature review and a proposed protocol. *Pediatr Neurol* 38: 377, 2008.

## USEFUL WEB RESOURCES

American Academy of Neurology—<http://www.aan.com>  
 American Epilepsy Society—<http://www.aesnet.org/>  
 Epilepsy Foundation—<http://www.epilepsysfoundation.org>