

REFERENCES

1. Trinka E, Cock H, Hesdorffer D, et al: A definition and classification of status epilepticus: report of the ILAE Task Force on Classification of Status Epilepticus. *Epilepsia* 56: 1515, 2015. [PMID: 26336950]
2. Coplin WM, Rhoney DH, Rebeck JA, et al: Randomized evaluation of adverse events and length-of-stay with routine emergency department use of phenytoin or fosphenytoin. *Neurol Res* 24: 842, 2002. [PMID: 12500711]
3. Rho JM, Sankar R: The pharmacologic basis of antiepileptic drug action. *Epilepsia* 40: 1471, 1999. [PMID: 10565572]
4. Gross DR, Kitzman JV, Adams HR: Cardiovascular effects of intravenous administration of propylene glycol in calves. *Am J Vet Res* 40: 783, 1979. [PMID: 475130]
5. Zosel A, Egelhoff E, Heard K: Severe lactic acidosis after an iatrogenic propylene glycol overdose. *Pharmacotherapy* 30: 219, 2010. [PMID: 20099997]
6. Anseeuw K, Mowry JB, Burdman EA, et al: Extracorporeal treatment in phenytoin poisoning: systematic review and recommendations from the EXTRIP (Extracorporeal Treatments in Poisoning) Workgroup. *Am J Kidney Dis* 67: 187, 2016. [PMID: 26578149]
7. Osorio I, Burnstein TH, Pembr B, et al: Phenytoin induced seizures: a paradoxical effect at toxic concentrations in epileptic patients. *Epilepsia* 30: 230, 1989. [PMID: 2924747]
8. Su CM, Kung CT, Wang YC, Lu CH: Life-threatening cardiotoxicity due to chronic oral phenytoin overdose. *Neurol India* 57: 200, 2009. [PMID: 19439856]
9. Wyte CD, Berk WA: Severe oral phenytoin overdose does not cause cardiovascular morbidity. *Ann Emerg Med* 20: 508, 1991. [PMID: 2024790]
10. Gerber N, Mays DC, Donn KH, et al: Safety, tolerance, and pharmacokinetics of IV doses of the phosphate ester of hydroxymethyl diphenylhydantoin, a new prodrug of phenytoin. *J Clin Pharmacol* 28: 1023, 1988. [PMID: 3243914]
11. Browne TR, Kugler AR, Eldon MA: Pharmacology and pharmacokinetics of fosphenytoin. *Neurology* 46: S3, 1996. [PMID: 8649612]
12. Chokshi R, Openshaw J, Mehta NN, Mohler E: Purple glove syndrome following intravenous phenytoin administration. *Vasc Med* 12: 29, 2007. [PMID: 17451091]
13. Ahn JE, Cloyd JC, Brundage RC, et al: Phenytoin half-life and clearance during maintenance therapy in adults and elderly patients with epilepsy. *Neurology* 71: 38, 2008. [PMID: 18591503]
14. American Academy of Clinical Toxicology; European Association of Poisons Centres and Clinical Toxicologists: Position statement and practice guidelines on the use of multi-dose activated charcoal in the treatment of acute poisoning. *J Toxicol Clin Toxicol* 37: 731, 1999. [PMID: 10584586]
15. Miller MA, Crystal CS, Patel MM: Hemodialysis and hemoperfusion in a patient with an isolated phenytoin overdose. *Am J Emerg Med* 24: 748, 2006. [PMID: 16984852]
16. Eyer F, Felgenhauer N, Pfab R, Thürmel K, Zilker T: Treatment of severe intravenous phenytoin overdose with hemodialysis and hemoperfusion. *Med Sci Monit* 14: CS145, 2008. [PMID: 19043374]
17. Ghannoum M, Troyanov S, Ayoub P, Laverge V, Hewlett T: Successful hemodialysis in a phenytoin overdose: case report and review of the literature. *Clin Nephrol* 74: 59, 2010. [PMID: 20557868]
18. Winnicki RI, Topacinski B, Szymczak WM, et al: Carbamazepine poisoning: elimination kinetics and quantitative relationship with carbamazepine 10,11-epoxide. *J Toxicol Clin Toxicol* 40: 759, 2002. [PMID: 12475188]
19. Lifshitz M, Gavrilov V, Sofer S: Signs and symptoms of carbamazepine overdose in young children. *Pediatr Emerg Care* 16: 26, 2000. [PMID: 10698139]
20. Stremski ES, Brady WB, Prasad K, Hennes HA: Pediatric carbamazepine intoxication. *Ann Emerg Med* 25: 624, 1995. [PMID: 7741339]
21. Hojer J, Malmund HO, Berg A: Clinical features in 28 consecutive cases of laboratory confirmed massive poisoning with carbamazepine alone. *J Toxicol Clin Toxicol* 31: 449, 1993. [PMID: 8355320]
22. Brahmi N, Kourachi N, Abderrazek H, Thabet H, Amamou M: Clinical experience with carbamazepine overdose: relationship between serum concentration and neurological severity. *J Clin Psychopharmacol* 28: 241, 2008. [PMID: 18344740]
23. Matos ME, Burns MM, Shannon MW: False-positive tricyclic antidepressant drug screen results leading to the diagnosis of carbamazepine intoxication. *Pediatrics* 105: E66, 2000. [PMID: 10799630]
24. Wason S, Baker RC, Carolan P, et al: Carbamazepine overdose: the effects of multiple-dose activated charcoal. *J Toxicol Clin Toxicol* 30: 39, 1992. [PMID: 1542148]
25. Tapolyai M, Campbell M, Dailey K, Udvari-Nagy S: Hemodialysis is as effective as hemoperfusion for drug removal in carbamazepine poisoning. *Nephron* 90: 213, 2002. [PMID: 11818708]
26. Yildiz TS, Toprak DG, Arisoy ES, et al: Continuous venovenous hemodiafiltration to treat controlled-release carbamazepine overdose in a pediatric patient. *Paediatr Anaesth* 16: 1176, 2006. [PMID: 17040307]
27. Pilapil M, Petersen J: Efficacy of hemodialysis and charcoal hemoperfusion in carbamazepine overdose. *Clin Toxicol (Phila)* 46: 342, 2008. [PMID: 18363137]
28. Goktas U, Kati I, Yuce HH: Management of a severe carbamazepine overdose with continuous venovenous hemodiafiltration. *Am J Emerg Med* 28: 260.e1, 2010. [PMID: 20159417]
29. Li TG, Yan Y, Wang NN, Zhao M: Acute carbamazepine poisoning treated with resin hemoperfusion successfully. *Am J Emerg Med* 29: 518, 2011. [PMID: 20825822]
30. Ram Prabakar M, Raja Karthik K, et al: Successful treatment of carbamazepine poisoning with hemodialysis: a case report and review of the literature. *Hemodial Int* 15: 407, 2011. [PMID: 21624045]
31. Harder JL, Heung M, Vilay AM, Mueller BA, Segal JH: Carbamazepine and the active epoxide metabolite are effectively cleared by hemodialysis followed by continuous venovenous hemodialysis in an acute overdose. *Hemodial Int* 15: 412, 2011. [PMID: 21676154]
32. Loscher W: Effects of the antiepileptic drug valproate on metabolism and function of inhibitory and excitatory amino acids in the brain. *Neurochem Res* 18: 485, 1993. [PMID: 8097295]
33. Gaudins A, Aaron CK: Delayed peak serum valproic acid in massive divalproex overdose and treatment with charcoal hemoperfusion. *J Toxicol Clin Toxicol* 34: 335, 1996. [PMID: 8667473]
34. Andersen GO, Ritland S: Life threatening intoxication with sodium valproate. *J Toxicol Clin Toxicol* 33: 279, 1995. [PMID: 7760458]
35. Spiller HA, Krenzelo EP, Klein-Schwartz W, et al: Multicenter case series of valproic acid ingestion: serum concentrations and toxicity. *J Toxicol Clin Toxicol* 38: 755, 2000. [PMID: 11192462]
36. Eyer F, Felgenhauer N, Gempel K, et al: Acute valproate poisoning: pharmacokinetics, alteration in fatty acid metabolism, and changes during therapy. *J Clin Psychopharmacol* 25: 376, 2005. [PMID: 16012283]
37. Davison AS, Milan AM, Roberts NB: The consequences of valproate overdose. *Clin Chem* 57: 1233, 2011. [PMID: 21873573]
38. Chicharro AV, de Marinis AJ, Kanner AM: The measurement of ammonia blood levels in patients taking valproic acid: looking for problems where they do not exist? *Epilepsy Behav* 11: 361, 2007. [PMID: 17845866]
39. Bryant AE, Dreifuss FE: Valproic acid hepatic fatalities. III. U.S. experience since 1986. *Neurology* 46: 465, 1996. [PMID: 8614514]
40. Koenig SA, Buesing D, Longin E, et al: Valproic acid-induced hepatopathy: nine new fatalities in Germany from 1994 to 2003. *Epilepsia* 47: 2027, 2006. [PMID: 17201699]
41. Björnsson E, Olsson R: Suspected drug-induced liver fatalities reported to the WHO database. *Dig Liver Dis* 38: 33, 2006. [PMID: 16054882]
42. Vannaprasaht S, Tiamkao S, Sirivongs D, Piyavhatkul N: Acute valproic acid overdose: enhance elimination with multiple-doses activated charcoal. *J Med Assoc Thai* 92: 1113, 2009. [PMID: 19694338]
43. Lheureux PE, Hantson P: Carnitine in the treatment of valproic acid-induced toxicity. *Clin Toxicol (Phila)* 47: 101, 2009. [PMID: 19280426]
44. Perrott J, Murphy NG, Zed PJ: L-carnitine for acute valproic acid overdose: a systematic review of published cases. *Ann Pharmacother* 44: 1287, 2010. [PMID: 20587742]
45. Mock CM, Schwetschenau KH: Levocarnitine for valproic-acid-induced hyperammonemic encephalopathy. *Am J Health Syst Pharm* 69: 35, 2012. [PMID: 22180549]
46. Kane SL, Constantinier M, Staubus AE, et al: High-flux hemodialysis without hemoperfusion is effective in acute valproic acid overdose. *Ann Pharmacother* 34: 1146, 2000. [PMID: 11054983]
47. Minville V, Roche Tissot C, Samii K: Haemodialysis, L-carnitine therapy and valproic acid overdose. *Ann Fr Anesth Reanim* 23: 357, 2004. [PMID: 15120780]
48. Khan E, Huggan P, Celi L, et al: Sustained low-efficiency dialysis with filtration (SLEDD-f) in the management of acute sodium valproate intoxication. *Hemodial Int* 12: 211, 2008. [PMID: 18394052]
49. Thanacoody RH: Extracorporeal elimination in acute valproic acid poisoning. *Clin Toxicol (Phila)* 47: 609, 2009. [PMID: 19656009]
50. Nasa P, Sehrawat D, Kansal S, Chawla R: Effectiveness of hemodialysis in a case of severe valproate overdose. *Indian J Crit Care Med* 15: 120, 2011. [PMID: 21814378]
51. Licari E, Calzavacca P, Warrillow SJ, Bellomo R: Life-threatening sodium valproate overdose: a comparison of two approaches to treatment. *Crit Care Med* 37: 3161, 2009. [PMID: 19633542]
52. Wade JF, Dang CV, Nelson L, Wasserberger J: Emergent complications of the newer anticonvulsants. *J Emerg Med* 38: 23, 2010.
53. Fattore C, Perucca E: Novel medications for epilepsy. *Drugs* 71: 2151, 2011. [PMID: 22035515]
54. Bialer M: Chemical properties of antiepileptic drugs (AEDs). *Adv Drug Deliv Rev* 64: 887, 2012. [PMID: 22210279]
55. Johannessen Landmark C, Patsalos PN: Drug interactions involving the new second- and third-generation antiepileptic drugs. *Expert Rev Neurother* 10: 119, 2010. [PMID: 20021326]
56. Deeks ED: Retigabine (ezogabine): in partial-onset seizures in adults with epilepsy. *CNS Drugs* 25: 887, 2011. [PMID: 21936589]
57. Nagel TR, Schunk JE: Felbamate overdose: a case report and discussion of a new antiepileptic drug. *Pediatr Emerg Care* 11: 369, 1995. [PMID: 8751173]
58. Rengstorff DS, Milstone AP, Seger DL, Meredith TJ: Felbamate overdose complicated by massive crystalluria and acute renal failure. *J Toxicol Clin Toxicol* 38: 667, 2000. [PMID: 11185976]
59. Meier KH, Olson KR, Olson JL: Acute felbamate overdose with crystalluria. *Clin Toxicol (Phila)* 43: 189, 2005. [PMID: 15902793]
60. Klein-Schwartz W, Shepherd JG, Gorman S, Dahl B: Characterization of gabapentin overdose using a poison center case series. *J Toxicol Clin Toxicol* 41: 11, 2003. [PMID: 12645962]
61. Jones H, Aguilera E, Farber HW: Gabapentin toxicity requiring intubation in a patient receiving long-term hemodialysis. *Ann Intern Med* 137: 74, 2002. [PMID: 12093261]
62. Middleton O: Suicide by gabapentin overdose. *J Forensic Sci* 56: 1373, 2011. [PMID: 21554310]

63. Kellinghaus C: Lacosamide as treatment for partial epilepsy: mechanisms of action, pharmacology, effects, and safety. *Ther Clin Risk Manag* 5: 757, 2009. [PMID: 19816574]
64. Lofton AL, Klein-Schwartz W: Evaluation of lamotrigine toxicity reported to poison centers. *Ann Pharmacother* 38: 1811, 2004. [PMID: 15353576]
65. Sbei M, Campellone JV: Stupor from lamotrigine toxicity. *Epilepsia* 42: 1082, 2001. [PMID: 11554897]
66. Daana M, Nevo Y, Tenenbaum A, et al: Lamotrigine overdose in a child. *J Child Neurol* 22: 642, 2007. [PMID: 17690076]
67. Reimers A, Reinholt G: Acute lamotrigine overdose in an adolescent. *Ther Drug Monit* 29: 669, 2007. [PMID: 17898663]
68. Schwartz MD, Geller RJ: Seizures and altered mental status after lamotrigine overdose. *Ther Drug Monit* 29: 843, 2007. [PMID: 18043485]
69. Venkatraman N, O'Neil D, Hall AP: Life-threatening overdose with lamotrigine, citalopram, and chlorpheniramine. *J Postgrad Med* 54: 316, 2008. [PMID: 18953153]
70. Nogar JN, Minns AB, Savaser DJ, et al: Severe sodium channel blockade and cardiovascular collapse due to a massive lamotrigine overdose. *Clin Toxicol* 49: 854, 2011. [PMID: 21972916]
71. Veerapandian A, Gallentine WB, Winchester SA, et al: Oculogyric crises secondary to lamotrigine overdosage. *Epilepsia* 52: e4, 2011. [PMID: 21395567]
72. Dinnerstein E, Jobst BC, Williamson PD: Lamotrigine intoxication provoking status epilepticus in an adult with localization-related epilepsy. *Arch Neurol* 64: 1344, 2007. [PMID: 17846277]
73. Waring WS: Lamotrigine overdose associated with generalized seizures. *BMJ Case Rep pii: bcr07.2008.0489*, 2009. [PMID: 21686782]
74. Close BR, Banks CJ: Seizures secondary to lamotrigine toxicity in a two-year-old. *Ann Pharmacother* 44: 1112, 2010. [PMID: 20407029]
75. Kicka M, Klopotoski T, Picheta S, Bazylewicz A, Miśkiewicz Ł: Massive lamotrigine poisoning—case report. *Przegl Lek* 68: 543, 2011. [PMID: 22010462]
76. Herold TJ: Lamotrigine as a possible cause of QRS prolongation in a patient with known seizure disorder. *CJEM* 8: 361, 2006. [PMID: 17338851]
77. French LK, McKeown NJ, Hendrickson RG: Complete heart block and death following lamotrigine overdose. *Clin Toxicol (Phila)* 49: 330, 2011. [PMID: 2156391]
78. Nwogbe B, Ferié J, Smith H, et al: Significant lamotrigine overdose associated with acute pancreatitis. *J R Soc Med* 102: 118, 2009. [PMID: 19297653]
79. Keränen T, Sorri A, Moilanen E, Ylitalo P: Effects of charcoal on the absorption and elimination of the antiepileptic drugs lamotrigine and oxcarbazepine. *Arzneimittelforschung* 60: 421, 2010. [PMID: 20712131]
80. Sirianni AJ, Osterhoudt KC, Caelelo DP, et al: Use of lipid emulsion in the resuscitation of a patient with prolonged cardiovascular collapse after overdose of bupropion and lamotrigine. *Ann Emerg Med* 51: 412, 2008. [PMID: 17766009]
81. Castanares-Zapatero D, Wittebole X, Huberlant V, Morunglav M, Hantson P: Lipid emulsion as rescue therapy in lamotrigine overdose. *J Emerg Med* 42: 48, 2012. [PMID: 21621362]
82. Harden C: Safety profile of levetiracetam. *Epilepsia* 42 (suppl 4): 36, 2001. [PMID: 11564124]
83. Barrueto F Jr, Williams K, Howland MA, et al: A case of levetiracetam (Keppra) poisoning with clinical and toxicokinetic data. *J Toxicol Clin Toxicol* 40: 881, 2002. [PMID: 12507057]
84. Awaad Y: Accidental overdosage of levetiracetam in two children caused no side effects. *Epilepsy Behav* 11: 247, 2007. [PMID: 17692573]
85. Chayasirisobhon S, Chayasirisobhon WV, Tsay CC: Acute levetiracetam overdose presented with mild adverse events. *Acta Neurol Taiwan* 19: 292, 2010. [PMID: 21210332]
86. Bodmer M, Monte AA, Kokko J, Yin S: Safety of non-therapeutic levetiracetam ingestions: a poison center based study. *Pharmacoevidemiol Drug Saf* 20: 366, 2011. [PMID: 21328633]
87. Kalis MM, Huff NA: Oxcarbazepine, an antiepileptic agent. *Clin Ther* 23: 680, 2001. [PMID: 11394728]
88. Raja M, Azzoni A: Oxcarbazepine, risperidone and atenolol overdose with benign outcome. *Int J Neuropsychopharmacol* 6: 309, 2003. [PMID: 12974999]
89. Pedrini M, Noguera A, Vinent J, et al: Acute oxcarbazepine overdose in an autistic boy. *Br J Clin Pharmacol* 67: 579, 2009. [PMID: 19552755]
90. van Opstal JM, Janknegt R, Cilissen J, et al: Severe overdosage with the antiepileptic drug oxcarbazepine. *Br J Clin Pharmacol* 58: 329, 2004. [PMID: 15327594]
91. Furlanum M, Franceschi L, Poz D, et al: Acute oxcarbazepine, benazepril, and hydrochlorothiazide overdose with alcohol. *Ther Drug Monit* 28: 267, 2006. [PMID: 166281]
92. Greenwood J, Valdes J: Perampanel (Fycompa): a review of clinical efficacy and safety in epilepsy. *P T* 41: 683, 2016. [PMID: 27904300]
93. Li K, Lasoff DR, Smollin CG, et al: Perampanel overdose causing a prolonged coma (letter to the editor). *Clin Toxicol* 56: 677, 2018. [PMID: 29299938]
94. Wood DM, Berry DJ, Glover G, et al: Significant pregabalin toxicity managed with supportive care alone. *J Med Toxicol* 6: 435, 2010. [PMID: 20373065]
95. Spiller HA, Bratcher R, Griffith JR: Pregabalin overdose with benign outcome. *Clin Toxicol (Phila)* 46: 917, 2008. [PMID: 18668385]
96. Yoo L, Matalon D, Hoffman RS, Goldfarb DS: Treatment of pregabalin toxicity by hemodialysis in a patient with kidney failure. *Am J Kidney Dis* 54: 1127, 2009. [PMID: 19493601]
97. Perucca E, Cloyd J, Critchley D, Fuseau E: Rufinamide: clinical pharmacokinetics and concentration-response relationships in patients with epilepsy. *Epilepsia* 49: 1123, 2008. [PMID: 18503564]
98. Spiller HA, Winter ML, Ryan M, et al: Retrospective evaluation of tiagabine overdose. *Clin Toxicol (Phila)* 43: 855, 2005. [PMID: 16440513]
99. Cantrell FL, Ritter M, Himes E: Intentional overdose with tiagabine: an unusual clinical presentation. *J Emerg Med* 27: 271, 2004. [PMID: 15388215]
100. Wisniewski M, Sein Anand J, Chodorowski Z, Kosiska-Tomczyk H: [Tiagabine overdose—report of two cases]. *Przegl Lek* 64: 308, 2007. [PMID: 17724893]
101. Forbes RA, Kalra H, Hackett LP, Daly FF: Deliberate self-poisoning with tiagabine: an unusual toxidrome. *Emerg Med Australas* 19: 556, 2007. [PMID: 18021110]
102. Ostrovskiy D, Spanaki MV, Morris GL: Tiagabine overdose can induce convulsive status epilepticus. *Epilepsia* 43: 773, 2002. [PMID: 12102683]
103. Fulton JA, Hoffman RS, Nelson LS: Tiagabine overdose: a case of status epilepticus in a non-epileptic patient. *Clin Toxicol (Phila)* 43: 869, 2005. [PMID: 16440516]
104. Kazzi ZN, Jones CC, Morgan BW: Seizures in a pediatric patient with a tiagabine overdose. *J Med Toxicol* 2: 160, 2006. [PMID: 18072137]
105. Jette N, Cappell J, VanPassel L, Akman CI: Tiagabine-induced nonconvulsive status epilepticus in an adolescent without epilepsy. *Neurology* 67: 1514, 2006. [PMID: 17060592]
106. Lofton AL, Klein-Schwartz W: Evaluation of toxicity of topiramate exposures reported to poison centers. *Hum Exp Toxicol* 24: 591, 2005. [PMID: 16323576]
107. Lin G, Lawrence R: Pediatric case report of topiramate toxicity. *Clin Toxicol (Phila)* 44: 67, 2006. [PMID: 16496496]
108. Wisniewski M, Lukasik-Glebocka M, Anand JS: Acute topiramate overdose—clinical manifestations. *Clin Toxicol (Phila)* 47: 317, 2009. [PMID: 19514879]
109. Anand JS, Chodorowski Z, Wisniewski M: Seizures induced by topiramate overdose. *Clin Toxicol (Phila)* 45: 197, 2007. [PMID: 17364644]
110. Brandt C, Elsner H, Fürstsch N, et al: Topiramate overdose: a case report of a patient with extremely high topiramate serum concentrations and nonconvulsive status epilepticus. *Epilepsia* 51: 1090, 2010. [PMID: 19889015]
111. Fakhoury T, Murray L, Seger D, et al: Topiramate overdose: clinical and laboratory features. *Epilepsy Behav* 3: 185, 2002. [PMID: 12609421]
112. Lynch MJ, Pizon AF, Siam MG, et al: Clinical effects and toxicokinetic evaluation following massive topiramate ingestion. *J Med Toxicol* 6: 135, 2010. [PMID: 20376593]
113. Shiber JR: Severe non-anion gap metabolic acidosis induced by topiramate: a case report. *J Emerg Med* 38: 494, 2010. [PMID: 19232874]
114. Hoke JF, Yuh L, Antony KK, et al: Pharmacokinetics of vigabatrin following single and multiple oral doses in normal volunteers. *J Clin Pharmacol* 33: 458, 1993. [PMID: 8331204]
115. Davie MB, Cook MJ, Ng C: Vigabatrin overdose. *Med J Aust* 165: 403, 1996. [PMID: 8890852]
116. Oommen KJ, Mathews S: Zonisamide: a new antiepileptic drug. *Clin Neuropharmacol* 22: 192, 1999. [PMID: 10442247]
117. Wightman RS, Zell-Kanter M, Van Roo J, et al: Zonisamide toxicity in a patient with an intentional overdose. *Ann Pharmacother* 45: 547, 2011. [PMID: 21467261]
118. Hofer KE, Trachsel C, Rauber-Lüthy C, et al: Moderate toxic effects following acute zonisamide overdose. *Epilepsy Behav* 21: 91, 2011. [PMID: 21463969]
119. Sztajnkrzyer MD, Huang EE, Bond GR: Acute zonisamide overdose: a death revisited. *Vet Hum Toxicol* 45: 154, 2003. [PMID: 12776795]