

## 179 Alcohols



## REFERENCES

1. Cherpitel CJ: Alcohol and injuries: a review of international emergency room studies since 1995. *Drug Alcohol Rev* 26: 201, 2007.
2. Cherpitel CJ: Breath analysis and self-reports as measures of alcohol-related emergency department visits. *J Stud Alcohol* 50: 155, 1989.
3. 2007 Drunk Driving Statistics. Available at: <http://www.alcoholalert.com/drun-driving-statistics.html>. Accessed April 14, 2009.
4. Whiteman PJ, Hoffman RS, Goldfrank LR: Alcoholism in the emergency department: an epidemiologic study. *Acad Emerg Med* 7: 14, 2000.
5. Kyriacou DN, McCabe F, Anglin D, et al: Emergency department-based study of risk factors for acute injury from domestic violence against women. *Ann Emerg Med* 31: 502, 1998.
6. Hasin DS, Stinson FS, Ogburn E, Grant BF: Prevalence, correlates, disability, and comorbidity of DSM-IV alcohol abuse and dependence in the United States: results from the National Epidemiologic Survey on Alcohol and Related Conditions. *Arch Gen Psychiatry* 64: 830, 2007.
7. Sullivan JB, Hauptman M, Bronstein AC: Lack of observable intoxication in humans with high blood alcohol concentrations. *J Forensic Sci* 32: 1660, 1987.
8. Vonghia L, Leggio L, Ferrulli A, et al: Alcoholism Treatment Study Group: Acute alcohol intoxication. *Eur J Intern Med* 19: 561, 2008.
9. Goding GS, Dobie RA: Gaze nystagmus and blood alcohol. *Laryngoscope* 96: 713, 1986.
10. Citek K, Ball B, Rutledge DA: Nystagmus testing in intoxicated individuals. *Optometry* 74: 695, 2003.
11. Donnino MW, Vega J, Miller J, Walsh M: Myths and misconceptions of Wernicke's encephalopathy: what every emergency physician should know. *Ann Emerg Med* 50: 715, 2007.
12. Li SF, Jacob J, Feng J, Kulkarni M: Vitamin deficiencies in acutely intoxicated patients in the ED. *Am J Emerg Med* 26: 792, 2008.
13. Li J, Mills T, Erato R: Intravenous saline has no effect on blood ethanol clearance. *J Emerg Med* 17: 1, 1999.
14. Diaz Martínez MC, Díaz Martínez A, Villamil Salcedo V, Cruz Fuentes C: Efficacy of metadoxine in the management of acute alcohol intoxication. *J Int Med Res* 30: 44, 2002.
15. Shpilenny LS, Muzychenko AP, Gasbarrini G, Addolorato G: Metadoxine in acute alcohol intoxication: a double-blind, randomized, placebo-controlled study. *Alcohol Clin Exp Res* 26: 340, 2002.
16. Zaman F, Pervez A, Abreo K: Isopropyl alcohol intoxication: a diagnostic challenge. *Am J Kidney Dis* 40: E12, 2002.
17. Lacouture PG, Heldreth DD, Shannon M, Lovejoy FH Jr: The generation of acetone-mia/acetoneuria following ingestion of a subtoxic dose of isopropyl alcohol. *Am J Emerg Med* 7: 38, 1989.
18. Jones AW: Elimination half-life of acetone in humans: case reports and review of the literature. *J Anal Toxicol* 24: 8, 2000.
19. Stremski E, Hennes H: Accidental isopropanol ingestion in children. *Pediatr Emerg Care* 16: 238, 2000.
20. Adla MR, Gonzalez-Paoli JA, Rifkin SI: Isopropyl alcohol ingestion presenting as pseudorenal failure due to acetone interference. *South Med J* 102: 867, 2009.
21. Trullas JC, Aguilo S, Castro P, Nogue S: Life-threatening isopropyl alcohol intoxication: is hemodialysis really necessary? *Vet Hum Toxicol* 46: 282, 2004.
22. Davis LE, Hudson D, Benson BE, et al: Methanol poisoning exposures in the United States: 1993–1998. *J Toxicol Clin Toxicol* 40: 499, 2002.
23. Bronstein AC, Spyker DA, Cantilena LR, et al: American Association of Poison Control Centers: 2008 Annual report of the American Association of Poison Control Centers National Poison Data System (NPDS): 26th annual report. *Clin Toxicol (Phila)* 47: 911, 2009.
24. Elwell RJ, Darouian P, Bailie GR, et al: Delayed absorption and postdialysis rebound in a case of acute methanol poisoning. *Am J Emerg Med* 22: 126, 2004.
25. Haffner HT, Wehner HD, Scheytt KD, Besserer K: The elimination kinetics of methanol and the influence of ethanol. *Int J Legal Med* 105: 111, 1992.
26. Jacobsen D, Webb R, Collins TD, McMartin KE: Methanol and formate kinetics in late diagnosed methanol intoxication. *Med Toxicol* 3: 418, 1988.
27. Hovda KE, Andersson KS, Urdal P, Jacobsen D: Methanol and formate kinetics during treatment with fomepizole. *J Toxicol Clin Toxicol* 43: 221, 2005.
28. Brent J: Fomepizole for ethylene glycol and methanol poisoning. *N Engl J Med* 360: 2216, 2009.
29. Barceloux DG, Bond GR, Krenzelok EP, et al: American Academy of Clinical Toxicology Ad Hoc Committee on the Treatment Guidelines for Methanol Poisoning: American Academy of Clinical Toxicology practice guidelines on the treatment of methanol poisoning. *J Toxicol Clin Toxicol* 40: 415, 2002.
30. Hassanian-Moghaddam H, Pajoumand A, Dadgar SM, Shadnia SH: Prognostic factors in methanol poisoning. *Hum Exp Toxicol* 26: 583, 2007.
31. Sefidbakht S, Rasekhi AR, Kamali K, et al: Methanol poisoning: acute MR and CT findings in nine patients. *Neuroradiology* 49: 427, 2007.
32. Sebe A, Satar S, Uzun B, et al: Intracranial hemorrhage associated with methanol intoxication. *Mt Sinai J Med* 73: 1120, 2006.
33. Grufferman S, Morris D, Alvarez J: Methanol poisoning complicated by myoglobinuric renal failure. *Am J Emerg Med* 3: 24, 1985.
34. Barceloux DG, Krenzelok EP, Olson K, Watson W: American Academy of Clinical Toxicology practice guidelines on the treatment of ethylene glycol poisoning. Ad Hoc Committee. *J Toxicol Clin Toxicol* 37: 537, 1999.
35. Kostic MA, Dart RC: Rethinking the toxic methanol level. *J Toxicol Clin Toxicol* 41: 793, 2003.
36. Mycyk MB, Aks SE: A visual schematic for clarifying the temporal relationship between the anion and osmol gaps in toxic alcohol poisoning. *Am J Emerg Med* 21: 333, 2003.
37. Hovda KE, Hunderi OH, Rudberg N, et al: Anion and osmolal gaps in the diagnosis of methanol poisoning: clinical study in 28 patients. *Intensive Care Med* 30: 1842, 2004.
38. Casavant MJ, Shah MN, Battels R: Does fluorescent urine indicate antifreeze ingestion by children. *Pediatrics* 107: 113, 2001.
39. Parsa T, Cunningham SJ, Wall SP, et al: The usefulness of urine fluorescence for suspected antifreeze ingestion in children. *Am J Emerg Med* 23: 787, 2005. Erratum in: *Am J Emerg Med* 24: 396, 2006.
40. Long H, Nelson LS, Hoffman RS: A rapid qualitative test for suspected ethylene glycol poisoning. *Acad Emerg Med* 15: 688, 2008.
41. Caravati EM, Erdman AR, Christianson G, et al: American Association of Poison Control Centers: Ethylene glycol exposure: an evidence-based consensus guideline for out-of-hospital management. *Clin Toxicol (Phila)* 43(5): 327, 2005.
42. Hantson P, Wittebole X, Haufroid V: Ethanol therapy for methanol poisoning: duration and problems. *Eur J Emerg Med* 9: 278, 2002.
43. Roy M, Bailey B, Chalut D, et al: What are the adverse effects of ethanol used as an antidote in the treatment of suspected methanol poisoning in children? *J Toxicol Clin Toxicol* 41: 155, 2003.
44. Lepik KJ, Levy AR, Sobolev BG, et al: Adverse drug events associated with the antidotes for methanol and ethylene glycol poisoning: a comparison of ethanol and fomepizole. *Ann Emerg Med* 53: 439, 2009.
45. Bestic M, Blackford M, Reed M: Fomepizole: a critical assessment of current dosing recommendations. *J Clin Pharmacol* 49: 130, 2009.
46. De Brabander N, Wojciechowski M, De Decker K, et al: Fomepizole as a therapeutic strategy in paediatric methanol poisoning: a case report and review of the literature. *Eur J Pediatr* 164: 158, 2005.
47. Hovda KE, Jacobsen D: Expert opinion: fomepizole may ameliorate the need for hemodialysis in methanol poisoning. *Hum Exp Toxicol* 27: 539, 2008.
48. Mégarbane B, Borron SW, Baud FJ: Current recommendations for treatment of severe toxic alcohol poisonings. *Intensive Care Med* 31: 189, 2005.
49. Ghosh A, Boyd R: Leucovorin (calcium folinate) in "antifreeze" poisoning. *Emerg Med J* 20: 466, 2003.
50. Davis DP, Bramwell KJ, Hamilton RS, Williams SR: Ethylene glycol poisoning: case report of record-high level and a review. *Am J Emerg Med* 15: 653, 1997.
51. Shukla M, Shikoh I, Saleem A: Intravenous methylprednisolone could salvage vision in methyl alcohol poisoning. *Indian J Ophthalmol* 54: 68, 2006.

## ■ USEFUL WEB RESOURCES

- American Association of Poison Control Centers—<http://www.aapcc.org/DNN/>
- American Academy of Clinical Toxicology—<http://www.clintox.org/index.cfm>
- European Association of Poisons Centres and Clinical Toxicologists—<http://www.eapcc.org/>
- Asia Pacific Association of Medical Toxicology—<http://www.asiattox.org/>
- South Asian Clinical Toxicology Research Collaboration—<http://www.sactrc.org/>
- TOXBASE: The primary clinical toxicology database of the National Poisons Information Service (free access for UK National Health Service hospital departments and general practices, and National Health Service departments of public health and health protection agency units; available to hospital EDs in Ireland by contract; available to European poison centers whose staff are members of the European Association of Poisons Centres and Clinical Toxicologists; overseas users may be allowed access on payment of a yearly subscription, subject to the approval of the Health Protection Agency)—<http://www.toxbase.org/>
- Methanol Poisoning Overview (site maintained by the manufacturer of fomepizole)—<http://www.antizol.com/mpoisono.htm>
- Ethylene Glycol Poisoning Overview (site maintained by the manufacturer of fomepizole)—<http://www.antizol.com/egpoisono.htm>