

192 Iron



REFERENCES

1. Bronstein AC, Spyker DA, Cantilena LR Jr, 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.
2. Juurlink DN, Tenenbein M, Koren G, Redelmeier DA: Iron poisoning in young children: association with the birth of a sibling. *CMAJ* 168: 1539, 2003.
3. Madiwale T, Liebelt E: Iron: not a benign therapeutic drug. *Curr Opin Pediatr* 18: 174, 2006.
4. Tran T, Wax JR, Philput C, et al: Intentional iron overdose in pregnancy—management and outcome. *J Emerg Med* 18: 225, 2000.
5. Skoczynska A, Kwiecinska D, Kielbinski M, Lukaszewski M: Acute iron poisoning in adult female. *Hum Exp Toxicol* 26: 663, 2007.
6. Valentine K, Mastropietro C, Sarnaik AP: Infantile iron poisoning: challenges in diagnosis and management. *Pediatr Crit Care Med* 10: e31, 2009.
7. Black J, Zenel JA: Child abuse by intentional iron poisoning presenting as shock and persistent acidosis. *Pediatrics* 111: 197, 2003.
8. Tenenbein M: Unit-dose packaging of iron supplements and reduction of iron poisoning in young children. *Arch Pediatr Adolesc Med* 159: 557, 2005.
9. Schneider BD, Leibold EA: Regulation of mammalian iron hemostasis. *Curr Opin Clin Nutr Metab Care* 3: 267, 2000.
10. Andrews NC: Iron metabolism: iron deficiency and iron overload. *Annu Rev Genomics Hum Genet* 1: 75, 2000.
11. Tenenbein M, Israels SJ: Early coagulopathy in severe iron poisoning. *J Pediatr* 113: 695, 1988.
12. Rosenmund A, Haerberli A, Straub PW: Blood coagulation and acute iron toxicity. Reversible iron-induced inactivation of serine proteases in vitro. *J Lab Clin Med* 103: 524, 1984.
13. Tenenbein M, Kopelow ML, deSa DJ: Myocardial failure and shock in iron poisoning. *Hum Toxicol* 7: 281, 1988.
14. Anderson BD, Turchen SG, Manoguerra AS, Clark RF: Retrospective analysis of ingestions of iron containing products in the United States: are there differences between chewable vitamins and adult preparations? *J Emerg Med* 19: 255, 2000.
15. Wu ML, Tsai WJ, Ger J, Deng JF: Clinical experience of acute ferric chloride poisoning. *Vet Hum Toxicol* 45: 243, 2003.
16. Tam AY, Chan YC, Lau FL: A case series of accidental ingestion of hand warmer. *Clin Toxicol (Phila)* 46: 900, 2008.
17. Jeppens RB: Toxicology and safety of Ferrocet and other iron amino acid chelates. *Arch Latinoam Nutr* 51(suppl): 26, 2001.
18. Spiller HA, Wahlen HS, Stephens TL, et al: Multi-center retrospective evaluation of carbonyl iron ingestions. *Vet Hum Toxicol* 44: 28, 2002.
19. Singhi SC, Baranwal AK, Jayashree M: Acute iron poisoning: clinical picture, intensive care needs and outcome. *Indian Pediatr* 40: 1177, 2003.
20. Lacouture PG, Wason S, Temple AR, et al: Emergency assessment of severity in iron overdose by clinical and laboratory methods. *J Pediatr* 99: 89, 1981.
21. Chyka PA, Butler AY: Assessment of acute iron poisoning by laboratory and clinical observations. *Am J Emerg Med* 11: 99, 1993.
22. Palatnick W, Tenenbein M: Leukocytosis, hyperglycemia, vomiting, and positive x-rays are not indicators of severity of iron poisoning. *Am J Emerg Med* 14: 454, 1996.
23. Tenenbein M: Hepatotoxicity in acute iron poisoning. *J Toxicol Clin Toxicol* 39: 721, 2001.
24. Daram SR, Hayashi PH: Acute liver failure due to iron overdose in an adult. *South Med J* 98: 241, 2005.
25. Robertson A, Tenenbein M: Hepatotoxicity in acute iron poisoning. *Hum Exp Toxicol* 24: 559, 2005.
26. Burkhart KK, Kulig KW, Hammond KB, et al: The rise in the total iron-binding capacity after iron overdose. *Ann Emerg Med* 20: 532, 1991.
27. Ling LJ, Hornfeldt CS, Winter JP: Absorption of iron after experimental overdose of chewable vitamins. *Am J Emerg Med* 9: 24, 1991.
28. Siff JE, Meldon SW, Tomassoni AJ: Usefulness of the total iron binding capacity in the evaluation and treatment of acute iron overdose. *Ann Emerg Med* 33: 73, 1999.
29. Bentur Y, St. Louis P, Klein J, Koren G: Misinterpretation of iron-binding capacity in the presence of deferoxamine. *J Pediatr* 118: 139, 1991.
30. Baranwal AK, Singhi SC: Acute iron poisoning: management guidelines. *Indian Pediatr* 40: 534, 2003.
31. Manoguerra AS, Erdman AR, Booze LL, et al: Iron ingestion: an evidence-based consensus guideline for out-of-hospital management. *Clin Toxicol (Phila)* 43: 553, 2005.
32. Chyka PA, Butler AY, Herman MI: Ferrrous sulfate adsorption by activated charcoal. *Vet Hum Toxicol* 43: 11, 2001.
33. Gomez HF, McClafferty HH, Flory D, et al: Prevention of gastrointestinal iron absorption by chelation from an orally administered premixed deferoxamine/charcoal slurry. *Ann Emerg Med* 30: 587, 1997.
34. Goldstein LH, Berkovitch M: Ingestion of slow-release iron treated with gastric lavage—never say late. *Clin Toxicol (Phila)* 44: 343, 2006.
35. Position paper: whole bowel irrigation. *J Toxicol Clin Toxicol* 42: 843, 2004. [Erratum in: *J Toxicol Clin Toxicol* 42: 1000, 2004 [dosage error in article text].]
36. Atiq M, Dang S, Olden KW, Aduli F: Early endoscopic gastric lavage for acute iron overdose: a novel approach to accidental pill ingestions. *Acta Gastroenterol Belg* 71: 345, 2008.
37. Ng HW, Tse ML, Lau FL, Chu W: Endoscopic removal of iron bezoar following acute overdose. *Clin Toxicol (Phila)* 46: 913, 2008.
38. Foxford R, Goldfrank LR: Gastrostomy: a surgical approach to iron overdose. *Ann Emerg Med* 14: 1223, 1985.
39. Haider F, De Carli C, Dhanani S, Sweeney B: Emergency laparoscopic-assisted gastrostomy for the treatment of an iron bezoar. *J Laparoendosc Adv Surg Tech A* 19(suppl 1): S141, 2009. Epub October 31, 2008.
40. Propper RD, Shurin SB, Nathan DG: Reassessment of the use of desferrioxamine B in iron overload. *N Engl J Med* 294: 1421, 1976.
41. Daly AL, Velazquez LA, Bradley SF, Kauffman CA: Mucormycosis: association with deferoxamine therapy. *Am J Med* 87: 468, 1989.
42. Koren G, Bentur Y, Strong D, et al: Acute changes in renal function associated with deferoxamine therapy. *Am J Dis Child* 143: 1077, 1989.
43. Prasanna L, Flynn JT, Levine JE: Acute renal failure following deferoxamine overdose. *Pediatr Nephrol* 18: 283, 2003.
44. Li Volti S, Maccarone C, Li Volti G, Romeo MA: Acute renal failure following deferoxamine overdose. *Pediatr Nephrol* 18: 1078, 2003.
45. Tenenbein M, Kowalski S, Sienko A, et al: Pulmonary toxic effects of continuous desferrioxamine administration in acute iron poisoning. *Lancet* 339: 699, 1992.
46. Ioannides AS, Panisello JM: Acute respiratory distress syndrome in children with acute iron poisoning: the role of intravenous desferrioxamine. *Eur J Pediatr* 159: 158, 2000.
47. Atas B, Caksen H, Tuncer O, et al: Acute respiratory distress syndrome due to overdose desferrioxamine: report of a child. *Med J Malaysia* 60: 91, 2005.
48. Yatscoff RW, Wayne EA, Tenenbein M: An objective criterion for the cessation of deferoxamine therapy in the acutely iron poisoned patient. *J Toxicol Clin Toxicol* 29: 1, 1991.
49. Fassos FF, Berkovitch M, Daneman N, et al: Efficacy of deferiprone in the treatment of acute iron intoxication in rats. *J Toxicol Clin Toxicol* 34: 279, 1996.
50. Barr J, Berkovitch M, Tavori I, et al: Acute iron intoxication: the efficacy of deferiprone and sodium bicarbonate in the prevention of iron absorption from the digestive tract. *Vet Hum Toxicol* 41: 308, 1999.
51. Berkovitch M, Livne A, Lushkov G, et al: The efficacy of oral deferiprone in acute iron poisoning. *Am J Emerg Med* 18: 36, 2000.
52. Carlsson M, Cortes D, Jepsen S, Kanstrup T: Severe iron intoxication treated with exchange transfusion. *Arch Dis Child* 93: 321, 2008.

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.asiatox.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/>