

REFERENCES

- Costa LG: Basic toxicology of pesticides. *Occup Med* 12: 251, 1997. [PMID: 9220485]
- Konraden F: Acute pesticide poisoning: a global health problem. *Dan Med Bull* 54: 208, 2007. [PMID: 17349229]
- Dawson AH, Eddleston M, Senarathna L, et al: Acute human lethal toxicity of agricultural pesticides: a prospective cohort study. *PLoS Med* 7: e1000357, 2010. [PMID: 21048990]
- Dharmani C, Jaga K: Epidemiology of acute organophosphate poisoning in hospital emergency room patients. *Rev Environ Health* 20: 215, 2005. [PMID: 16335577]
- Tsai JR, Sheu CC, Cheng MH, et al: Organophosphate poisoning: 10 years of experience in southern Taiwan. *Kaohsiung J Med Sci* 23: 112, 2007. [PMID: 17389175]
- Munoz-Quezada MT, Lucero BA, Barr DB, et al: Neurodevelopmental effects in children associated with exposure to organophosphate pesticides: a systemic review. *Neurotoxicology* 39: 158, 2013. [PMID: 24121005]
- Eddleston M, Eyer P, Worek F, et al: Differences between organophosphorus insecticides in human self-poisoning: a prospective cohort study. *Lancet* 366: 1452, 2005. [PMID: 16243090]
- Aardema H, Meertens JH, Ligtenberg JJ, et al: Organophosphorus pesticide poisoning: cases and developments. *Neth J Med* 66: 149, 2008. [PMID: 18424861]
- Balali-Mood M, Saber H: Recent advances in the treatment of organophosphorus poisonings. *Iran J Med Sci* 37: 74, 2012. [PMID: 23115436]
- Askan S, Cakir Z, Emet M, et al: Acute abdomen associated with organophosphate poisoning. *J Emerg Med* 41: 507, 2011. [PMID: 20850255]
- Ross SM, McManus IC, Harrison V, Mason O: Neurobehavioral problems following low-level exposure to organophosphate pesticides: a systematic and meta-analytic review. *Crit Rev Toxicol* 43: 21, 2013. [PMID: 23163581]
- Indira M, Andrews MA, Rakesh TP: Incidence, predictors, and outcome of intermediate syndrome in cholinergic insecticide poisoning: a prospective observational cohort study. *Clin Toxicol (Phila)* 51: 838, 2013. [PMID: 24047461]
- Karami-Mohajeri S, Nikfar S, Abdollahi M: A systematic review on the nerve-muscle electrophysiology in human organophosphorus pesticide exposure. *Hum Exp Toxicol* 33: 92, 2014. [PMID: 23703814]
- Boostani R, Mellat A, Afshari R, et al: Delayed polyneuropathy in farm sprayers due to chronic low dose pesticide exposure. *Iran Red Crescent Med J* 16: e5072, 2014. [PMID: 25031861]
- Nogué Xarau S, Alarcón Romay M, Martínez JM, et al: Multiple chemical sensitivity: epidemiological, clinical and prognostic differences between occupational and non-occupational cases. *Med Clin (Barc)* 135: 52, 2010. [PMID: 20303541]
- Chowdhary S, Bhattacharyya R, Banerjee D: Acute organophosphorus poisoning. *Clin Chim Acta* 431: 66, 2014. [PMID: 24508992]
- Shadnia S, Okazi A, Akhlaghi N, et al: Prognostic value of long QT interval in acute and severe organophosphate poisoning. *J Med Toxicol* 5: 196, 2009. [PMID: 19876851]
- Eddleston M, Buckley NA, Eyer P, Dawson AH: Management of acute organophosphorus pesticide poisoning. *Lancet* 371: 597, 2008. [PMID: 17706760]
- Blain PG: Organophosphorus poisoning (acute). *Clin Evid (Online)* May 17, 2011. [PMID: 21575287]
- Little M, Murray L: Consensus statement: risk of nosocomial organophosphate poisoning in emergency departments. *Emerg Med Australas* 16: 456, 2004. [PMID: 15537409]
- Senthikumar S, SathyaPrabhu K, Balamurugan N, Thirumalaikolundusubramanian P: Deadly drop: cholinergic syndrome from wearing a laundered uniform. *Pediatric Emerg Care* 28: 57, 2012. [PMID: 222178890]
- Konickx LA, Bingham K, Eddleston M: Is oxygen required before atropine administration in organophosphorus or carbamate pesticide poisoning? A cohort study. *Clin Toxicol (Phila)* 52: 531, 2014. [PMID: 24810796]
- Li Y, Tse ML, Gawarammana I, et al: Systematic review of controlled clinical trials of gastric lavage in acute organophosphorus pesticide poisoning. *Clin Toxicol (Phila)* 47: 179, 2009. [PMID: 18988062]
- Thiermann H, Steinritz D, Worek F, et al: Atropine maintenance dosage in patients with severe organophosphate pesticide poisoning. *Toxicol Lett* 206: 77, 2011. [PMID: 21771644]
- Buckley NA, Eddleston M, Li Y, Bevan M, Robertson J: Oximes for acute organophosphate poisoning. *Cochrane Database Syst Rev* 2: CD005085, 2011. [PMID: 21328273]
- Tang X, Wang R, Xie H, Hu J, Zhao W: Repeated pulse intramuscular injection of pralidoxime chloride in severe acute organophosphorus pesticide poisoning. *Am J Emerg Med* 31: 946, 2013. [PMID: 23680326]
- Faiz MS, Mughal S, Memon AQ: Acute and late complications of organophosphate poisoning. *J Coll Physicians Surg Pak* 21: 288, 2011. [PMID: 21575537]
- Carey JL, Dunn C, Gaspari RJ: Central respiratory failure during acute organophosphate poisoning. *Respir Physiol Neurobiol* 189: 403, 2013. [PMID: 23933009]
- Waseem M, Perry C, Bomann S, Pai M, Gernsheimer J: Cholinergic crisis after rodenticide poisoning. *West J Emerg Med* 11: 524, 2010. [PMID: 2193782]
- Mercurio-Zappala M, Hack J, Salvador A, Hoffman RS: Carbaryl poisoning: 2-PAM or not 2-PAM. *J Toxicol Clin Toxicol* 5: 428, 1998. [PMID: 17370870]
- Moon JM, Chun BJ, Lee BK: Glasgow coma scale score in the prognosis of acute carbamate insecticide intoxication. *Clin Toxicol (Phila)* 50: 832, 2012. [PMID: 22995033]
- Lee BK, Jeung KW, Lee HY, Jung YH: Mortality rate and pattern following carbamate methomyl poisoning. Comparison with organophosphate poisoning of comparable toxicity. *Clin Toxicol (Phila)* 49: 828, 2011. [PMID: 21981724]
- Paul R, Talukdar A, Bhattacharya R, Santra G: Gamma-benzene hexachloride poisoning leading to acute hepatorenal decompensation. *BMJ Case Rep* August 7, 2013. [PMID: 23925679]
- Moses V, Peter JV: Acute intentional toxicity: endosulfan and other organochlorines. *Clin Toxicol (Phila)* 48: 539, 2010. [PMID: 20572757]
- Tharaknath VR, Prabhakar YV, Kumar KS, Babu NK: Clinical and radiologic findings in chlorfenapyr poisoning. *Ann Indian Acad Neurol* 16: 252, 2013. [PMID: 23956576]
- Proudfoot AT: Poisoning due to pyrethrins. *Toxicol Rev* 24: 107, 2005. [PMID: 16180930]
- Soderlund DM: Molecular mechanisms of pyrethroid insecticide neurotoxicity: recent advances. *Arch Toxicol* 86: 165, 2012. [PMID: 21710279]
- Hudson NL, Kasner EJ, Beckman J, et al: Characteristics and magnitude of acute pesticide-related illness and injuries associated with pyrethrin and pyrethroid exposures: 11 states, 2000-2008. *Am J Ind Med* 57: 15, 2014. [PMID: 23788228]
- Mohamed F, Gawarammana I, Robertson TA, et al: Acute human self-poisoning with imidacloprid compound: a neonicotinoid insecticide. *PLoS One* 4: e5127, 2009. [PMID: 19352499]
- Giampreti A, Lampati L, Chidini G, et al: Recurrent tonic-clonic seizures and coma due to ingestion of type I pyrethroids in a 19-month-old patient. *Clin Toxicol (Phila)* 61: 497, 2013. [PMID: 23768029]
- Phua DH, Linn CC, Wu ML, Deng JF, Yang CC: Neonicotinoid insecticides: an emerging cause of acute pesticide poisoning. *Clin Toxicol (Phila)* 47: 336, 2009. [PMID: 19514881]
- Iyyadurai R, George IA, Peter JV: Imidacloprid poisoning: newer insecticide and fatal toxicity. *J Med Toxicol* 6: 77, 2010. [PMID: 20232186]
- Viradiya K, Mishra A: Imidacloprid poisoning. *J Assoc Physicians India* 59: 594, 2011. [PMID: 22334978]
- Lin PC, Lin HJ, Liao YY, Guo HR, Chen KT: Acute poisoning with neonicotinoid insecticides: a case report and literature review. *Basic Clin Pharmacol Toxicol* 112: 282, 2013. [PMID: 23078648]
- Imamura T, Yanagawa Y, Nishikawa K, Matsumoto N, Sakamoto T: Two cases of acute poisoning with acetamiprid in humans. *Clin Toxicol (Phila)* 48: 851, 2010. [PMID: 20969506]
- Kurisaki E, Kato N, Ishida T, et al: Fatal human poisoning with Padan: a cartap-containing pesticide. *Clin Toxicol (Phila)* 48: 153, 2010. [PMID: 20055633]
- Kumar AS, Amalnath D, Dutta TK: Cartap poisoning: a rare case report. *Indian J Crit Care Med* 15: 233, 2011. [PMID: 22346036]
- Boorugu HK, Chrispal A: Cartap hydrochloride poisoning: a clinical experience. *Indian J Crit Care Med* 16: 58, 2012. [PMID: 22557838]
- Veale DJ, Wium CA, Muller GJ: Amitraz poisoning in South Africa: a two year survey (2008-2009). *Clin Toxicol (Phila)* 49: 40, 2011. [PMID: 21288150]
- Sweta A, Srivastava U, Agarwall A: Amitraz: an unfamiliar poisoning with familiar pesticide. *J Anaesthesiol Clin Pharmacol* 29: 420, 2013. [PMID: 24106388]
- Bradberry SM, Watt BE, Proudfoot AT, Vale JA: Mechanisms of toxicity, clinical features, and management of acute chlorophenoxy herbicide poisoning: a review. *J Toxicol Clin Toxicol* 38: 111, 2000. [PMID: 10778907]
- Bradberry SM, Proudfoot AT, Vale JA: Poisoning due to chlorophenoxy herbicides. *Toxicol Rev* 23: 65, 2004. [PMID: 15578861]
- Roberts DM, Buckley NA: Urinary alkalisation for acute chlorophenoxy herbicide poisoning. *Cochrane Database Syst Rev* 1: CD005488, 2007. [PMID: 17253558]
- Dinis-Oliveira RJ, Duarte JA, Sánchez-Navarro A, et al: Paraquat poisonings: mechanisms of lung toxicity, clinical features, and treatment. *Crit Rev Toxicol* 38: 13, 2008. [PMID: 18161502]
- Gawarammana IB, Buckley NA: Medical management of paraquat ingestion. *Br J Clin Pharmacol* 72: 645, 2011. [PMID: 21615775]
- Liu XW, Ma T, Qu B, Ji Y, Liu Z: Prognostic value of initial arterial lactate and lactate metabolic clearance rate in patients with acute paraquat poisoning. *Am J Emerg Med* 31: 1230, 2013. [PMID: 23706581]
- Botella de Maglia J, Belenguier Tarín JE: Paraquat poisoning. A study of 29 cases and evaluation of the effectiveness of the "Caribbean scheme." *Med Clin (Barc)* 115: 530, 2000. [PMID: 11141378]
- Lin JL, Lin-Tan DT, Chen KH, et al: Improved survival in severe paraquat poisoning with repeated pulse therapy of cyclophosphamide and steroids. *Intensive Care Med* 37: 1006, 2011. [PMID: 21327593]
- Li LR, Sydenham E, Chaudhary B, You C: Glucocorticoid with cyclophosphamide for paraquat-induced lung fibrosis. *Cochrane Database Syst Rev* 7: CD008084, 2012. [PMID: 22786512]
- Yin Y, Guo X, Zhang SL, Sun CY: Analysis of paraquat intoxication epidemic (2002-2011) within China. *Biomed Environ Sci* 26: 509, 2013. [PMID: 23816587]
- Watt BE, Proudfoot AT, Bradberry SM, Vale JA: Poisoning due to urea herbicides. *Toxicol Rev* 24: 161, 2005. [PMID: 16390217]
- Bradberry SM, Proudfoot AT, Vale JA: Glyphosate poisoning. *Toxicol Rev* 23: 159, 2004. [PMID: 15862083]
- Roberts DM, Buckley NA, Mohamed F, et al: A prospective observational study of the clinical toxicology of glyphosate-containing herbicides in adults with acute self-poisoning. *Clin Toxicol (Phila)* 48: 129, 2010. [PMID: 20136481]
- Gil HW, Park JS, Park SH, Hong SY: Effect of intravenous lipid emulsion in patients with acute glyphosate intoxication. *Clin Toxicol (Phila)* 51: 767, 2013. [PMID: 23869655]
- Han SK, Jeong J, Yeom S, Ryu J, Park S: Use of a lip emulsion in a patient with refractory hypotension caused by glyphosate-surfactant herbicide. *Clin Toxicol (Phila)* 48: 566, 2010. [PMID: 20569074]

66. Garlich FM, Goldman M, Pepe J, et al: Hemodialysis clearance of glyphosate following a life-threatening ingestion of glyphosate-surfactant herbicide. *Clin Toxicol (Phila)* 52: 66, 2014. [PMID: 24400933]
67. Proudfoot AT, Bradberry SM, Vale JA: Sodium fluoroacetate poisoning. *Toxicol Rev* 25: 213, 2006. [PMID: 17288493]
68. Chau CM, Leung AK, Tan IK: Tetramine poisoning. *Hong Kong Med J* 11: 511, 2005. [PMID: 16340030]
69. Zhang Y, Su M, Tian DP: Tetramine poisoning: a case report and review of the literature. *Forensic Sci Int* 204: e24, 2011. [PMID: 20678875]
70. Deng X, Li G, Mei R, Sun S: Long term effects of tetramine poisoning: an observational study. *Clin Toxicol (Phila)* 50: 172, 2012. [PMID: 22315994]
71. Riyaz R, Pandalai SL, Schwartz M, Kazzi ZN: A fatal case of thallium toxicity: challenges in management. *J Med Toxicol* 9: 75, 2013. [PMID: 22865288]
72. Gurjar M, Baronia AK, Azim A, Sharma K: Managing aluminum phosphide poisonings. *J Emerg Trauma Shock* 4: 378, 2011. [PMID: 21887030]
73. Mehrpour O, Jafazadeh M, Abdollahi M: A systematic review of aluminum phosphide poisoning. *Arh Hig Rada Toksikol* 63: 61, 2012. [PMID: 22450207]
74. Soltaninejad K, Beyranvand MR, Momenzadeh SA, Shadnia S: Electrocardiographic findings and cardiac manifestations in acute aluminum phosphide poisoning. *J Forensic Leg Med* 19: 291, 2012. [PMID: 22687771]
75. Mostafazadeh B, Farzaneh E: A novel protocol for gastric lavage in patients with aluminum phosphide poisoning: a double-blind study. *Acta Med Iran* 50: 530, 2012. [PMID: 23109024]
76. Moghadamnia AA: An update on toxicology of aluminum phosphide. *Daru* 20: 25, 2012. [PMID: 23351193]
77. Sharma A, Dishant, Gupta V, Kaushik JS, Mittal K: Aluminum phosphide (celphos) poisoning in children: a 5-year experience in a tertiary care hospital from northern India. *Indian J Crit Care Med* 18: 33, 2014. [PMID: 24550611]
78. Tehrani H, Halvaie Z, Shadnia S, Soltaninejad K, Abdollahi M: Protective effects of N-acetylcysteine on aluminum phosphide-induced oxidative stress in acute human poisoning. *Clin Toxicol (Phila)* 51: 23, 2013. [PMID: 23148565]
79. Watt BE, Proudfoot AT, Bradberry SM, Vale JA: Anticoagulant rodenticides. *Toxicol Rev* 24: 259, 2005. [PMID: 16499407]
80. Gunja N, Coggins A, Bidny S: Management of intentional superwarfarin poisoning with long-term vitamin K and brodifacoum levels. *Clin Toxicol (Phila)* 49: 385, 2011. [PMID: 21740137]
81. Ingels M, Lai C, Tai W, et al: A prospective study of acute, unintentional, pediatric superwarfarin ingestions managed without decontamination. *Ann Emerg Med* 40: 73, 2002. [PMID: 12085076]
82. Spahr JE, Maul JS, Rodgers GM: Superwarfarin poisoning: a report of two cases and review of the literature. *Am J Hematol* 82: 656, 2007. [PMID: 17022046]
83. Xiang L, Min A, Alan Z, Yaohui W: Retrospective study of twenty-four patients with prolonged coagulopathy due to long-acting anti-vitamin K rodenticide poisoning. *Am J Med Sci* 347: 299, 2014. [PMID: 23842204]

■ USEFUL WEB RESOURCES

- The American Academy of Clinical Toxicology—<http://www.clintox.org/index.cfm>
 The American Association of Poison Control Centers—<http://www.aapcc.org/DNN>
 The Asia Pacific Association of Medical Toxicology —<http://www.asiattox.org>
 The European Association of Poisons Centres and Clinical Toxicologists—<http://www.eapcc.org>
 The South Asian Clinical Toxicology Research Collaboration—<http://www.sactrc.org>