

Andrew Nyce  
Richard Byrne  
Cary L. Lubkin  
Michael E. Chansky

## REFERENCES

- Nyenwe EA, Kitabchi AE: The evolution of diabetic ketoacidosis: an update on its etiology, pathogenesis and management. *Metabolism* 65: 507, 2016. [PMID: 26975543]
- Fayfman M, Pasquel FJ, Umpierrez GE: Management of hyperglycemic crisis: diabetic ketoacidosis and hyperglycemic hyperosmolar state. *Med Clin North Am* 101: 587, 2017. [PMID: 28372715]
- Cardoso L, Vincente N, Rodrigues D, Gomes L, Carrilho F: Controversies in the management of hyperglycaemic emergencies in adults with diabetes. *Metabolism* 68: 43, 2017. [PMID: 28183452]
- Kitabchi AE, Umpierrez GE, Miles JM, et al: Hyperglycemic crises in adult patients with diabetes. *Diabetes Care* 32: 1335, 2009. [PMID: 19564476]
- Gomez-Diaz RA, Rivera-Moscoso R, Ramos-Rodriguez R, et al: Diabetic ketoacidosis in adults: clinical and laboratory features. *Arch Med Res* 27: 177, 1996. [PMID: 8690961]
- Wilson JF: Diabetic ketoacidosis in the clinic. *Ann Intern Med* 152: ITC1-1, 2010. [PMID: 20048266]
- Nyenwe EA, Kitabchi AE: Evidence-based management of hyperglycemic emergencies in diabetes mellitus. *Diabetes Res Clin Pract* 94: 340, 2011. [PMID: 21978840]
- Levine JA, Karam SL, Aleppo G: SGLT2-I in the hospital setting: diabetic ketoacidosis and other benefits and concerns. *Curr Diab Rep* 17: 54, 2017. [PMID: 28597228]
- Rosenstock J, Ferrannini E: Euglycemic diabetic ketoacidosis: a predictable, detectable, and preventable safety concern with SGLT2 inhibitors. *Diabetes Care* 38: 1638, 2015. [PMID: 26294774]
- Kreshak A, Chen EH: Arterial blood gas analysis: are its values needed for the management of diabetic ketoacidosis? *Ann Emerg Med* 45: 5, 2005. [PMID: 15855956]
- Beigelman PM: Potassium in severe diabetic ketoacidosis. *Am J Med* 54: 419, 1973. [PMID: 4633105]
- Arora S, Cheng D, Wyler B, et al: Prevalence of hypokalemia in ED patients with diabetic ketoacidosis. *Am J Emerg Med* 30: 481, 2012. [PMID: 21316179]
- Hillier TA, Abbott RD, Barrett EJ: Hyponatremia: evaluating the correction factor for hyperglycemia. *Am J Med* 106: 399, 1999. [PMID: 10225241]
- Kearney T, Dang C: Diabetic and endocrine emergencies. *Postgrad Med J* 83: 79, 2007. [PMID: 17308209]
- Beadles C, Lindenauer PK: Association between the choice of IV crystalloid and in-hospital mortality among critically ill adults with sepsis. *Crit Care Med* 42: 1585, 2014. [PMID: 26414499]
- Yung M, Letton G, Keeley S: Controlled trial of Hartmann's solution versus 0.9% saline for diabetic ketoacidosis. *J Paediatr Child Health* 53: 12, 2017. [PMID: 28070957]
- Mahler SA, Conrad SA, Wang H, Arnold TC: Resuscitation with balanced electrolyte solution prevents hyperchloremic metabolic acidosis in patients with diabetic ketoacidosis. *Am J Emerg Med* 29: 670, 2011. [PMID: 20825879]
- Semler MW, Self WH, Wanderer JP, et al: Balanced crystalloids versus saline in critically ill adults. *NEJM* 378(9): 829, 2018. [PMID: 29485925]
- Savage MW, Dhataria KK, Kilvert A, et al: Diabetes UK position statements and care recommendations Joint British Diabetes Societies guideline for the management of diabetic ketoacidosis. *Diabet Med* 28: 508, 2011. [PMID: 21255074]
- Goyal N, Miller JB, Sankey SS, et al: Utility of initial bolus insulin in the treatment of diabetic ketoacidosis. *J Emerg Med* 38: 422, 2010. [PMID: 18514472]
- Echouffo-Tcheugui JB, Garg R: Management of hyperglycemia and diabetes in the emergency department. *Curr Diab Rep* 17(8): 56, 2017. [PMID: 28646357]
- Raghunathan K, Shaw A, Nathanson B, et al: Efficacy of subcutaneous insulin lispro versus continuous intravenous regular insulin for the treatment of patients with diabetic ketoacidosis. *Am J Med* 117: 291, 2004. [PMID: 15336577]
- della Manna T, Steinmetz L, Campos PR, et al: Subcutaneous use of a fast-acting insulin analog: an alternative treatment for paediatric patients with diabetic ketoacidosis. *Diabet Care* 28: 1856, 2005. [PMID: 16043723]
- Ersöz HO, Ukinc K, Köse M, et al: Subcutaneous lispro and intravenous regular insulin treatments are equally effective and safe for the treatment of mild and moderate diabetic ketoacidosis in adult patients. *Int J Clin Pract* 60: 429, 2006. [PMID: 16620355]
- Karoli R, Fatima J, Salman T, Sandhu S, Shankar R: Managing diabetic ketoacidosis in non-intensive care unit setting: role of insulin analogues. *Indian J Pharmacol* 43: 398, 2011. [PMID: 21844993]
- Kamel KS, Schreiber M, Carlotti AP, Halperin ML: Approach to the treatment of diabetic ketoacidosis. *Am J Kidney Dis* 68: 967, 2016. [PMID: 27599629]
- Miller DW, Slovis CM: Hypophosphatemia in the emergency department therapeutics. *Am J Emerg Med* 18: 457, 2000. [PMID: 10919539]
- Kamel KS, Halperin ML: Acid-base problems in diabetic ketoacidosis. *N Engl J Med* 372: 546, 2015. [PMID: 25651248]
- Kitabchi AE, Umpierrez G, Fisher JN, et al: Thirty years of personal experience in hyperglycemic crises: diabetic ketoacidosis and hyperglycemic hyperosmolar state. *J Clin Endocrinol Metab* 93: 1541, 2008. [PMID: 18272059]
- Duhon B, Attridge RL, Franco-Martinez AC, Maxwell PR, Hughes DW: Intravenous sodium bicarbonate therapy in severely acidotic diabetic ketoacidosis. *Ann Pharmacother* 47: 970, 2013. [PMID: 23737516]
- Glaser NS, Wootton-Gorges SL, Buonocore MH, et al: Frequency of sub-clinical edema in children with diabetic ketoacidosis. *Pediatr Diabetes* 7: 75, 2006. [PMID: 16629712]
- Green SM, Rothrock SG, Ho JD, et al: Failure of adjunctive bicarbonate to improve outcome in severe pediatric diabetic ketoacidosis. *Ann Emerg Med* 31: 41, 1998. [PMID: 9437340]
- Dunger DB, Sperling MA, Acerini CL, et al: European Society for Paediatric Endocrinology/ Lawson Wilkins Pediatric Endocrine Society consensus statement on diabetic ketoacidosis in children and adolescents. *Pediatrics* 113: e133, 2004. [PMID: 14754983]
- Edge J: Cerebral oedema during treatment of diabetic ketoacidosis: are we any nearer to finding a cause? *Diabetes Metab Res Rev* 16: 316, 2000. [PMID: 11025556]
- Hale PM, Rezvani I, Braunstein AW, et al: Factors predicting cerebral edema in young children with diabetic ketoacidosis and new-onset type I diabetes. *Acta Paediatr* 86: 626, 1997. [PMID: 9202799]
- Chauhan SP, Perry KG Jr: Management of diabetic ketoacidosis in the obstetric patient. *Obstet Gynecol Clin North Am* 22: 143, 1995. [PMID: 7784036]
- Carroll MA, Yeomans ER: Diabetic ketoacidosis in pregnancy. *Crit Care Med* 33: S347, 2005. [PMID: 16215358]
- Dalfrà MG, Burlina S, Sartore G, Lapolla A: Ketoacidosis in diabetic pregnancy. *J Matern Fetal Neonatal Med* 29: 2889, 2016. [PMID: 26461169]