

2022-24 EDW Diabetes Grand Rounds

Online Enduring Conference



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Presents:

Management of Diabetic Ketoacidosis (DKA) & Hyperosmolar Hyperglycemic State (HHS) in the ICU

Diabetic ketoacidosis (DKA) and hyperosmolar hyperglycemic state (HHS) are the two most serious metabolic complications of diabetes mellitus (DM). These disorders can occur in both type 1 and type 2 diabetes. Hyperglycemia also develops commonly in the critically ill and impacts outcome in patients with diabetes but, even more so, in patients with stress-induced hyperglycemia. Over the past 20 years, there has been no reduction in the DKA mortality rates, which remain between 3.4% and 4.6%. The mortality rates of the HHS remain high at approximately 15%. The prognosis of both conditions is substantially worsened in patients >65 years of age and in the presence of coma and hypotension. Medication non-compliance is a leading cause of diabetic ketoacidosis among both newly diagnosed and recurrent episodes of DKA. Increased variability in glucose levels during critical illness and the therapeutic intervention thereof have recently been reported to have a deleterious impact on survival, particularly in nondiabetic hyperglycemic patients. It is critical for providers to ensure timely identification of DKA/HHS patients to optimizing glucose management in the ICU to help improve outcomes. This activity has been designed to review the pathophysiology of Hyperglycemic crisis, the management of DKA/HHS through therapeutic approaches, and review of best practices through case study review.

At the conclusion of this live activity, participants will be able to:

- Apply key therapeutic approaches to diabetic ketoacidosis (DKA) and hyperosmolar hyperglycemic state (HHS) management in the ICU.
- Explain the maintenance phase of diabetic ketoacidosis (DKA) and hyperosmolar hyperglycemic state (HHS) management in the ICU.
- List the transition phases of diabetic ketoacidosis (DKA) and hyperosmolar hyperglycemic state (HHS) management in the ICU.

Registration is required.

Please be sure to register. Video conference access is available through the registration process.

Requirements for Completion: To complete this activity participants will need the following:

- Access to the Internet
- Computer with sound
- Pass the post-test with a minimum of 80%



Release Date: 6/1/2022

Expiration Date: 12/31/2024



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