

## Management of metabolic crisis in children with an inborn error of metabolism (IEM)



**Author:**

**Aaron Harthan, PharmD, BCPPS**

*Pediatric Critical Care Pharmacist*

*OSF Healthcare Children's Hospital of Illinois*

**Disclosure(s):** Dr. Harthan and the reviewers who contributed to this activity have no relevant financial relationships of interest to disclose.

**Purpose:** To educate critical care providers regarding normal metabolic processes, childhood errors of metabolism, and potential treatment options.

**Learning Objectives:**

**Upon completion of this activity, participants should be able to:**

- Describe routine metabolism of carbohydrates, lipids, and protein
- Recognize potential signs and symptoms of metabolic crisis in a child with an inborn error of metabolism (IEM)
- Choose an appropriate medication regimen for a child with an inborn error of metabolism
- Outline a monitoring plan for an IEM treatment regimen

**Target Audience:** Physicians

**Type of Activity:** Knowledge

**Fee:** \$10 (or \$70 for all 10 courses). For C4

2022 participants who registered for the live program, please use the access code provided to you by email.

**Release and Most Recent Review Date:** September 30, 2022

**Expiration Date:** August 27, 2024

**Estimated time to complete activity:** 1.0 hour CME (1.0 AMA PRA Category 1 Credit)

**Location:** Please visit <https://medicinece.uic.edu/> to participate in this activity.

**Continuing Medical Education Statement:**



ACCME  
ACCREDITED

The University of Illinois College of Medicine at Chicago is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The University of Illinois College of Medicine at Chicago designates this Enduring Material CME activity for a maximum of 1.0 AMA PRA Category 1 Credit(s)<sup>™</sup>. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

**How to Earn Credit:**

Participants must complete the activity as described above in the Continuing Medical Education Statement by viewing the entire presentation video and completing a post-test and an activity evaluation. A certificate of completion will be issued after all requirements as described are completed.

**Hardware/Software and Internet Requirements** can be found at <https://medicinece.uic.edu/>

**Provider Contact Information:** For general information please call the Office of Continuing Education and Meeting Services toll-free at (866) PHARM-CE (866-742-7623) or send an e-mail to: [pharmce@uic.edu](mailto:pharmce@uic.edu). Copyright © 2022 – The Board of Trustees of the University of Illinois. All rights reserved. Reproduction in whole or in part without permission is prohibited. [Privacy Policy](#).