

CONTINUING MEDICAL EDUCATION

APP Week Pharmacology CME Lecture: Thyroid and Error: Managing Hypothyroidism in the Critically Ill – 71967-71042

Date: September 24, 2025

Time: 12:00 PM-1:00 PM

Mary Zhuang, PharmD
University Hospitals

Educational Objectives

At the conclusion of this activity, the participant should be better able to:

- 1 1. Analyze pathophysiology of hypothyroidism and various hypothyroid states in the context of critical illness.
- 1 2. Evaluate relevant literature on the efficacy and safety of levothyroxine for NTIS in critically ill adults.
- 2 3. Identify appropriate indications for initiation of IV levothyroxine in the ICU.

Accreditation and Credit Designation Statements

Case Western Reserve University School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Case Western Reserve University School of Medicine designates this live activity for a maximum of 1.00 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Disclosures:

All relevant financial relationships have been mitigated. This activity's planners and speaker(s) have made the following disclosures:

Name of individual	Individual's role in activity	Nature of Relationship(s) / Name of Ineligible Company(s)
Celina Cunanan, MSN, APRN-CNM	Co-Director	Nothing to disclose - 06/11/2025
Katherine Hornack, MSN	Other Planning Committee Member	Nothing to disclose - 06/11/2025
Kehllee Popovich, MSN, ACNP-BC	Co-Director	Nothing to disclose - 06/11/2025
Jaclyn Druso, DNP, APRN-CNP	Other Planning Committee Member	Nothing to disclose - 06/11/2025
Mary Zhuang, PharmD	Faculty	Nothing to disclose - 09/12/2025