

Medication Management in Neonatal and Pediatric Extracorporeal Membrane Oxygenation (ECMO): From Priming to Infusion

12/23/2025 at 12:00pm CT, 1:00pm ET | Advocate Christ, OPP Room 7142 Neuro and Virtual via Teams

Overview: This presentation will cover pharmacokinetic and pharmacodynamic properties of pediatric and neonatal extracorporeal membrane oxygenation (ECMO). The presentation will also include proper medication selection, dosing, and monitoring strategies.

Speaker: Prit Gor, PharmD, PGY1 Pharmacy Resident – Advocate Christ Medical Center

Preceptor: Alexis Craven, PharmD, BCPPS

Objectives:

- Describe common indications of extracorporeal membrane oxygenation (ECMO) support in pediatric and neonatal populations.
- Describe how extracorporeal membrane oxygenation (ECMO) affects the pharmacokinetics and pharmacodynamics of commonly used medications in pediatric and neonatal patients.
- Recall medication selection, dosing, and monitoring strategies in pediatric and neonatal patients receiving extracorporeal membrane oxygenation (ECMO).

Target Audience: Advocate Health Pharmacists, Physicians, Nurses, and other interested healthcare professionals

Disclosure: The planner(s) and speaker(s) have indicated that there are no relevant financial relationships with any ineligible companies to disclose.

Commercial Support: There is no financial support for this activity.

Accreditation Statement:



In support of improving patient care, Advocate Health is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

Credit Statement(s):

Accreditation Council for Pharmacy Education (ACPE):

Advocate Health designates this live activity for a maximum of 1 hour of CPE credit for pharmacists. CPE credit can be claimed on the AH CE platform within 60 days of activity completion and information will be provided to CPE Monitor. Participants should only claim credit commensurate with the extent of their participation in the activity.

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