

Pharmacokinetic Pearls for Pharmacists New and Old

Pharmacy Grand Rounds 2026 | Advocate Health

April 16, 2026, 12:00PM-1:00PM CST/1:00PM-2:00PM EST

St Lukes Family Practice LL and Virtual via Teams Webinar

Overview: Revisit the basics of pharmacokinetics and how concepts like the Monte Carlo simulations are used to model drug distribution. Learn pharmacokinetic pearls, and strategies to confidently dose medications that require kinetic calculations in their workflow, like aminoglycosides, vancomycin, and other select agents.

Speakers: Alex Heringer, PharmD, and Jeremy Theis, PharmD, PGY1 Pharmacy Residents – Aurora Health Care Metro, Inc

Preceptors: Craig Glienke, PharmD, BCPS, BCCCP; and Mike Van Sistine, PharmD, BCPS

Objectives:

1. Recognize how drug properties and Monte Carlo simulations can apply to pharmacokinetics
2. Identify benefits and use cases for vancomycin monitoring and dosing with area under the curve calculations
3. Utilize appropriate dosing strategies and calculations to correctly formulate therapeutic regimens for aminoglycosides
4. Discuss medications with unique pharmacokinetic profiles

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

Link to Pharmacy Grand Rounds Live Sessions: [Pharmacy Grand Rounds 2026 | Advocate Health](#)

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:



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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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Questions about this activity? Elaine.r.thomas@advocatehealth.org