



Continuing Pharmacy Education Program St. Jude Children's Research Hospital

Methotrexate Pharmacokinetics and Toxicity Management in Pediatric and Adolescent Young Adult Patients

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This program is offered by the Department of Pharmacy and Pharmaceutical Sciences in joint providership with the Children's Oncology Group (COG)

**THIS CONTINUING EDUCATION PROGRAM
WILL BE PRESENTED ONCE**

WHEN: Monday April 7th, 2025, from 11:00 am – 12:00 pm (EST, GMT -5:00)

WHERE: Virtually (link provided by COG)

Activity Type: Application Based (1 hr/0.1CEU)

Target Audience: Pharmacists

Learning Objectives:

At the end of this session, attendees will be able to:

1. Understand principles of high dose methotrexate (HD MTX) and limitations of leucovorin rescue at certain methotrexate concentrations and timepoints
2. Recognize modifiable and unmodifiable risk factors for delayed methotrexate elimination including genomic alterations
3. Identify when to appropriately initiate glucarpidase in the setting of delayed methotrexate elimination
4. Recall when mtzpk.org may add value when ascertaining delayed methotrexate administration
5. Recommend leucovorin dosing post-glucarpidase administration



The St. Jude Children's Research Hospital Department of Pharmacy and Pharmaceutical Sciences is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education. All activities are offered at no cost to participants due to external financial support (grants obtained by the COG foundation). The program number for this activity is 0181-9999-24-026-L01-P. There is no charge to program participants. Pharmacy continuing education credit will be available to all participants who attend and complete a post-program test & evaluation. Credits will be uploaded and viewable on-line at www.nabp.pharmacy within approximately two weeks following the date of the presentation.

For more information, please the St. Jude Pharmacy Education program (pharmedu@stjude.org).

System requirements: <https://help.webex.com/en-us/article/nki3xrq/Webex-Meetings-Suite-System-Requirements>