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Pharmacokinetic Characterization of Iopamidol and Iohexol for Optimizing Measured Glomerular Filtration Rate Assessment in Clinical Practice and Drug Development

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Why is this article important to you?
Learners that complete this activity will be able to evaluate the pharmacokinetic interchangeability of iohexol and iopamidol for mGFR assessment, and identify a limited sampling strategy for both iohexol and iopamidol to facilitate accurate and practical clinical implementation for mGFR determination. This activity was designed to enhanced knowledge of alternative mGFR measurement methods (e.g., plasma clearance of low-dose iohexol/iopamidol) and performance of limited sampling strategies to accurately measure mGFR to minimize cost, time and logistical burden in both clinical care and drug development settings.

ACPE Accreditation Statement
The American College of Clinical Pharmacology® is accredited by the Accreditation Council for Pharmacy Education (ACPE) as a provider of continuing pharmacy education.
UAN: 0665-0000-25-032-H01-P – ACPE 1 Contact Hours
Activity Type: Knowledge-based **Format:** Home-study **Target Audience**: 'P'

ACCME Accreditation Statement
The American College of Clinical Pharmacology® is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

ACCME Designation Statement
The Accreditation Council for Continuing Medical Education designates this journal CE activity for 1 *AMA PRA Category 1™* credit. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Target Audience
Interprofessional team of Physicians, Pharmacists, PhDs and other healthcare professionals interested in expanding their knowledge on the pharmacokinetic interchangeability of iohexol and iopamidol for mGFR assessment.

Learning Objectives
After completing this activity, the learner will be able to:

1. Compare the pharmacokinetic properties of iopamidol and iohexol relevant to measured GFR (mGFR) assessment;
2. Analyze the evidence supporting the interchangeability of iopamidol and iohexol in clinical and research settings;
3. Apply a limited sampling strategy to optimize mGFR measurement in clinical practice;
4. Discuss the implications of optimized mGFR assessment for clinical decision-making and drug development.

Requirements to Receive Credit
In order to receive continuing medical education (CME) or continuing pharmacy education (CPE) credit, the learner must register for the educational activity, study the provided journal article, complete the online learning Self-assessment Post-test as well as the online course Evaluation and CME/CPE Certificate. Credits and CME/CPE Certificates must be claimed within thirty (30) days of completing the article, Post-test and Evaluation. Contact CE@ACCP1.org with any questions.

Disclosures:

Article Selection:	John van den Anker, MD, PhD, Editor-in-Chief, JCP, selected the article for this course and has nothing to disclose.
Planner:	Gwendolyn Pais, BPharm, PhD, Research Assistant Professor, Midwestern Univ, served as the CE Reviewer and has nothing to disclose.
CE Reviewer:	Gagandeep Kwatra, MD, Additional Professor, Pharmacology, All India Inst of Medical Sciences in Bathinda, India, served as the CE Reviewer and has nothing to disclose.

Schedule & Fees
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Home Study Initial Release and Expiration Dates
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