

## Target Audience

- Physicians
- Physician assistants
- Nurses
- Dialysis technicians
- Nurse practitioners
- Dietitians
- Pharmacists

## Program Overview

This CME/CE activity will bridge clinical practice gaps in the management of hyponatremia in high-risk patients by addressing diagnostic challenges and reviewing evidence-based treatment options with a focus on the evolving role of vasopressin receptor blockade in improving patient outcomes.

## Learning Objectives

Upon successful completion of this activity, participants will be able to:

- Describe the pathophysiology of water retention in cardiac failure, cirrhosis, and SIADH
- Identify critical treatment issues, and issues related to hyponatremia correction rate, and their potential solutions
- Differentiate between the available vasopressin receptor antagonists (VRAs) and their clinical applications in the management of hyponatremic patients with heart failure, cirrhosis, or SIADH
- Apply diagnostic and therapeutic knowledge to the care of high-risk hyponatremic patients

## Topics

- Etiology and Pathophysiology of Hyponatremia in High-Risk Patients
- Management of Hyponatremia in High-Risk Patients
- Hyponatremia Workshop: Interactive Case-Based Faculty Panel Discussion

## Faculty

**Robert W. Schrier, MD, MACP** (Program Chair)  
Professor of Medicine  
Division of Renal Diseases and Hypertension  
University of Colorado  
Department of Medicine  
Aurora, CO

**Mitchell H. Rosner, MD, FACP**  
Associate Professor of Medicine  
Vice Chairman for Clinical Affairs  
Fellowship Program Director  
Division of Nephrology  
University of Virginia Health System  
Charlottesville, VA

## Accreditation

### Physician

The National Kidney Foundation is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The National Kidney Foundation designates this enduring material for a maximum of 1.5 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

### Physician Assistant

AAPA accepts certificates of participation for educational activities certified for Category I credit from AOACME, Prescribed credit from AAFP, and *AMA PRA Category 1 Credit™* from organizations accredited by ACCME or a recognized state medical society. Physician assistants may receive a maximum of 1.5 hours of Category I credit for completing this program.

### Nurse and Dialysis Technician

The National Kidney Foundation is an approved provider of continuing nursing education by the New York State Nurses Association, an accredited approver by the American Nurses Credentialing Center's Commission on Accreditation.

It has been assigned Provider code 7QPLGU-PRV-09.

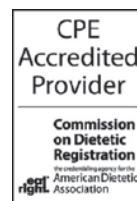
1.5 contact hours will be awarded.

## Nurse Practitioner

This program is approved for 1.4 contact hours of continuing education (which includes 0.7 hour of pharmacology) by the American Academy of Nurse Practitioners. Program ID 1108255.

This program was planned in accordance with AANP CE Standards and Policies and AANP Commercial Support Standards.

## Dietitian



The National Kidney Foundation is a Continuing Professional Education (CPE) Accredited Provider with the Commission on Dietetic Registration (CDR), Registered Dietitians (RDs)

and Dietetic Technicians, Registered (DTRs) will receive 1.5 continuing professional education units (CPEUs) for completion of this program/material.

## Pharmacist



The University of Illinois at Chicago College of Pharmacy is accredited by the Accreditation Council for Pharmacy Education (ACPE)

as a provider of continuing pharmacy education. Completion of the entire knowledge-based activity, post-test questions, and evaluation are prerequisites for receiving a statement of continuing pharmacy education credit for 1.5 contact hours (0.15 CEUs). You will receive your statement of credit immediately upon successful completion of the CPE activity. This activity has been assigned ACPE Universal Activity Number 016-999-11-125-H01-P.

## Method of Participation

This program is available as a webcast at [www.kidney.org/CME](http://www.kidney.org/CME). Learners will view a webcast of slides and accompanying audio. To successfully earn credit, participants must complete the activity online, including a post-test and evaluation. The estimated

time for completion is 1.5 hours. To receive *AMA PRA Category 1 Credits™*, participants must receive a minimum score of 70% on the post-test.

## Declaration of Disclosure

It is the policy of the National Kidney Foundation (NKF) to ensure balance, independence, objectivity, and scientific rigor in all CME/CE activities. Any individual who has control over CME/CE content is required to disclose to learners prior to the activity any relevant financial relationship(s) they may have with commercial interests supporting this activity or whose products or devices are discussed in this activity. If, on the basis of information disclosed, a perceived conflict exists, resolution will be achieved based on NKF's Disclosure and Conflict of Interest Policy.

## Unlabeled/Investigational Use

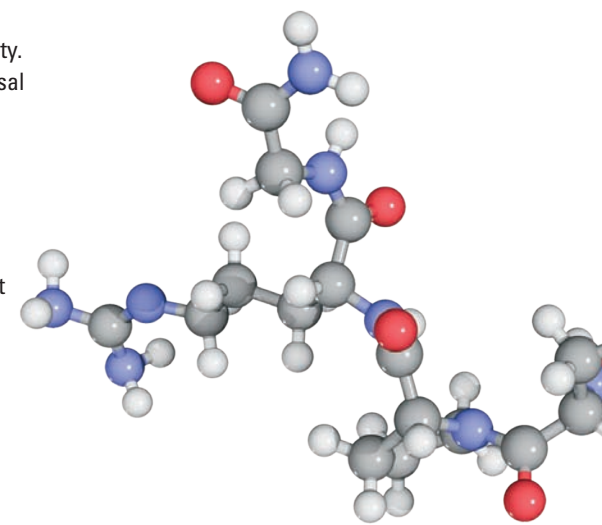
During their presentations, faculty may discuss an unlabeled use or an investigational use not approved for a commercial product. Each faculty member is required to disclose this information to the audience when referring to an unlabeled or investigational use.

## Disclaimer

The faculty, National Kidney Foundation and Otsuka America Pharmaceutical, Inc. do not recommend the use of any pharmaceutical, diagnostic test, or device outside of the labeled indications as approved by the FDA. Please refer to the official prescribing information for each product for approved indications, contraindications, and warnings.

## Registration

View this free CME/CE activity at the National Kidney Foundation website, [www.kidney.org/CME](http://www.kidney.org/CME). For more information, please call NKF at 800.622.9010, or visit our website at [www.kidney.org](http://www.kidney.org).





National Kidney  
Foundation®

30 East 33rd Street  
New York, NY 10016  
[www.kidney.org](http://www.kidney.org)

New **FREE** Interactive Case-based  
CME/CE Learning Activity

**Hyponatremia: Etiology and  
Management in High-Risk Patients**

© 2011 National Kidney Foundation, Inc. All rights reserved. 02-10-4368\_HBB



Accredited by

**National Kidney  
Foundation®**

Supported by an educational grant  
from Otsuka America Pharmaceutical, Inc.



# Hyponatremia: Etiology and Management in High-Risk Patients

A **FREE** CME/CE Activity  
in an On-Demand  
Webcast Presentation

Release Date: September 30, 2011  
Expiration Date: September 30, 2013

