

## OVERVIEW

Hyponatremia is a common serum electrolyte abnormality associated with a plethora of etiologies with differing pathophysiological mechanisms. Hyponatremia occurs in up to 20% of hospitalized patients and is associated with increased morbidity and mortality. It can be the result of a disease process, a side effect of certain medications or a consequence of intense exercise. Conventional therapies for hyponatremia have variable efficacy and are often poorly tolerated. The availability of a new class of medications, vasopressin receptor antagonists, offers new opportunities in the management of hyponatremia. This activity addresses current issues in the diagnosis and management of hyponatremia, potential pitfalls and how they can be avoided, issues in the rate of correction, and the evolving management of this condition in a variety of clinical situations. A series of case histories is analyzed for the rationale for decisions in the management of this potentially lethal condition.

## LEARNING OBJECTIVES

After completing this educational activity, you will be able to:

- Describe the processes involved in the pathogenesis of hyponatremia.
- Summarize the issues related to hyponatremia correction rate and their potential solutions.
- Differentiate between the available vasopressin receptor antagonists and their clinical applications.

## METHOD OF PARTICIPATION

This CME/CE activity will be available as an on-demand webcast at [www.kidney.org/cme](http://www.kidney.org/cme). Participants will be able to view a self-directed slide presentation with accompanying audio. At the conclusion of this activity, participants will complete an evaluation and post-test to receive a certificate of completion. The estimated time for completion is 1.5 hours.

## FACULTY

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## AUDIENCE

Physicians / Physician Assistants / Nurse Practitioners / Nurses / Dialysis Technicians / Dietitians / Pharmacists

## 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 educational activity for a maximum of 1.5 *AMA PRA Category 1 Credits*<sup>™</sup>. Physicians should only claim credit commensurate with the extent of their participation in the activity.

This activity has been reviewed and is acceptable for up to 1.5 Prescribed credits by the American Academy of Family Physicians. AAFP accreditation begins August 1, 2010. Term of approval is for two years from this date, with option for yearly renewal.

The AAFP invites comments on any activity that has been approved for AAFP CME credit. Please forward your comments on the quality of this activity to [cmecomm@aafp.org](mailto:cmecomm@aafp.org).

**Physician Assistant:** AAFP accepts certificates of participation for educational activities certified for Category I credit from AOACCME, Prescribed credit from AAFP, and *AMA PRA Category 1 Credit*<sup>™</sup> 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 Practitioner:** This program is approved for 1.25 contact hours of continuing education by the American Academy of Nurse Practitioners. Program ID 1006188.

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

**Nurse and 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.

**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. The ACPE universal activity number assigned to this educational offering is 016-999-10-079-H01-P.



This activity is accredited by the University of Illinois at Chicago, College of Pharmacy for 0.15 CEUs (1.5 contact hours).

This activity is knowledge-based.

**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 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). Please include your NKF ID number when you register. Your NKF ID number is located next to your name on the address label of this brochure. For more information, please call NKF at 800.622.9010, or visit our website at [www.kidney.org](http://www.kidney.org)



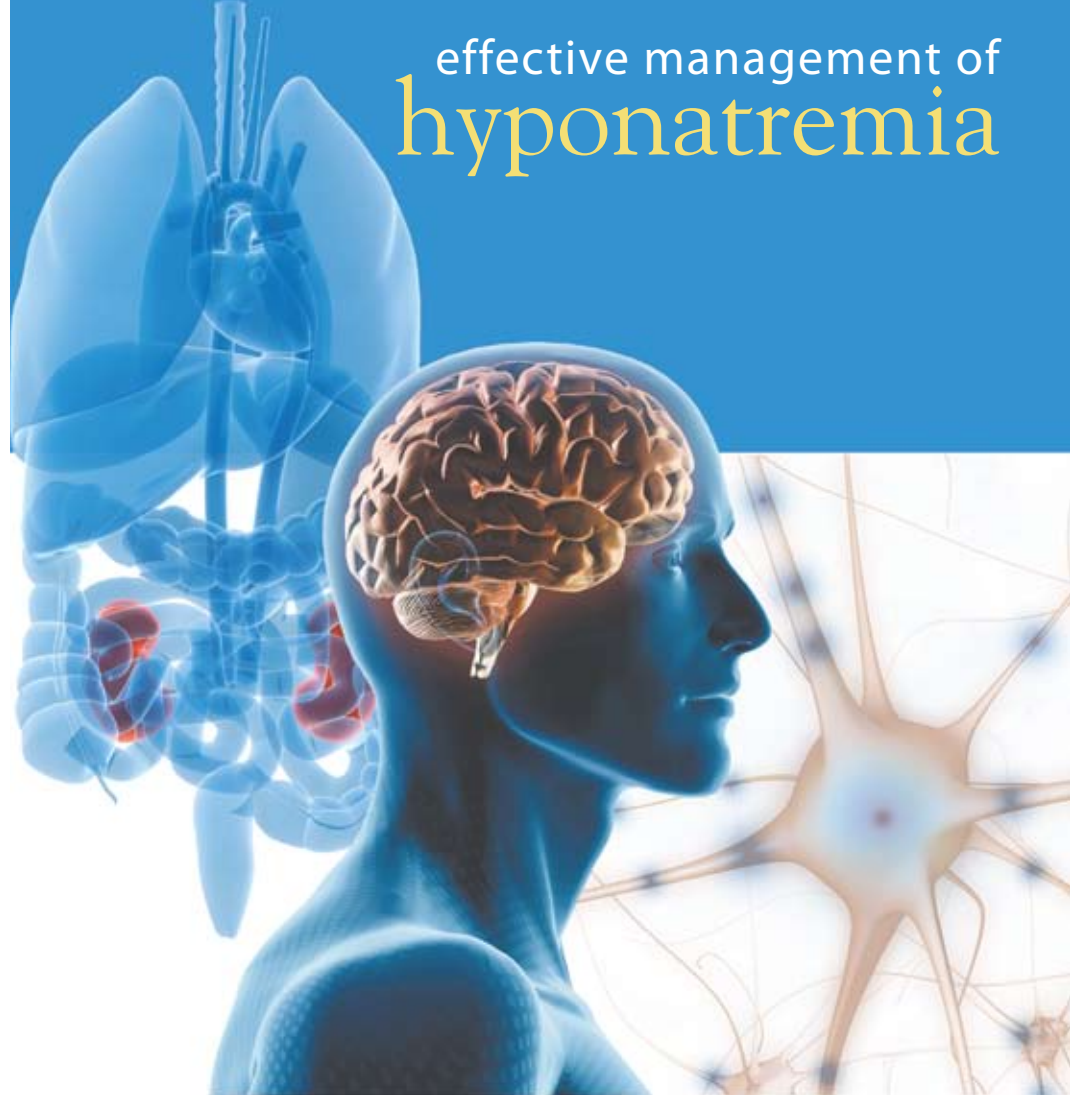
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