

Improving Outcomes
In Heart Failure *complicated by*
HYPONATREMIA

Sponsored by: **Heart Failure Society of America**

Educational Partner: **CME-University**
The Education Network

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Accreditation Statement

This activity has been planned and implemented in accordance with the Essential Areas and policies of the Accreditation Council for Continuing Medical Education (ACCME). The Heart Failure Society of America is accredited by the ACCME to provide continuing medical education for physicians.

Credit Designation

Physicians: The Heart Failure Society of America designates this live activity for a maximum of **2 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Nurses: This program has been designed to meet Minnesota Board of Nursing continuing education requirements and is acceptable for 2 contact hours of continuing education.



Presenter Disclosure Information

MARVIN A. KONSTAM, MD, FACC — Course Chair

Professor of Medicine, Tufts University School of Medicine


Chief Physician Executive of The Cardiovascular Center, Tufts Medical Center, Boston, MA

I will discuss off label use or investigational use in my presentation.

I have financial relationships to disclose:


RESEARCH GRANT: Otsuka

CONSULTANT/ADVISORY BOARD: Cardiokine, Johnson & Johnson, Trevena



Our Program

- **Welcome and Introduction**
MARVIN A. KONSTAM, MD, FACC
- **Hyponatremia in Heart Failure: Vasopressin Release and Other Mechanisms**
JOSEPH G. VERBALIS, MD
- **Is Hyponatremia a Marker or Mediator of Worsening Outcomes in Heart Failure?**
GREGG C. FONAROW, MD, FACC, FAHA
- **Insights from the Vasopressin Trials**
JAMES E. UDELSON, MD
- **PM Clinical Implications: Approaches to Managing Patients with Heart Failure and Hyponatremia**
BARRY H. GREENBERG, MD
- **Question & Answer Session**



Resources

Slides for this program and additional resources on hyponatremia are available in the resource download section of CME University:

<http://www.cme-university.org/resourcedownloads.aspx>

The 2010 Heart Failure Society of America Comprehensive Heart Failure Practice Guideline are available from:

<http://www.heartfailureguideline.org/>



Learning Objectives

- Review the prevalence, pathophysiology and clinical implications of hyponatremia in patients with heart failure including the relationship between the kidney and heart in acute decompensated heart failure (ADHF)
- Discuss most recent data on the clinical consequences of hyponatremia in heart failure
- Identify the role of free water clearance and hyponatremia in ADHF and the renal consequences of neurohormonal activation
- Discuss the current guidelines and emerging therapeutic options for the prevention and treatment of hyponatremia in patients with heart failure

