

A CME-Accredited Satellite Symposium

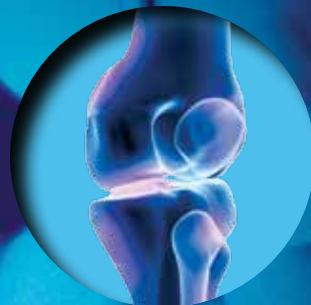
# Emerging Options for Hypertensive Patients With Osteoarthritis

Thursday, May 7, 2009

6:00 AM – 8:00 AM

San Francisco Marriot

San Francisco, California



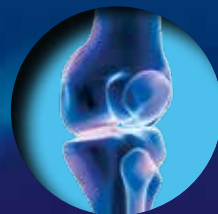
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Supported by an educational grant from NicOx, Inc.

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## Emerging Options for Hypertensive Patients With Osteoarthritis

An estimated 7 billion people worldwide suffer from hypertension, with an estimated 7.1 million deaths a year. Of the 24.3 million Americans  $\geq 35$  years of age that are being treated for osteoarthritis, 41% are also being treated for hypertension, illustrating the large number of individuals affected by both chronic conditions. Many such patients require NSAIDs; however, these agents may increase blood pressure and have also been associated with arrhythmias, congestive heart failure, myocardial infarction, and stroke. Endothelial dysfunction, characterized by impaired vascular nitric oxide (NO) bioavailability, is a key component of cardiovascular disease, and strategies that increase or preserve NO availability may be beneficial. A new approach to preservation of NO is offered by the cyclooxygenase-inhibiting nitric oxide donating (CINOD) drugs, which may have an important role in treating arthritis patients with hypertension.

This educational activity is designed for physicians who treat patients with hypertension and arthritis.



### Agenda

6:00 AM – 6:20 AM

Registration and Continental Breakfast

6:20 AM – 6:30 AM

Welcome, Overview of Symposium,  
Introduction of Faculty

*Thomas Giles, MD*

6:30 AM – 6:50 AM

Clinical and Economic Burden of  
Hypertension in Patients With Osteoarthritis

*William J. Elliott, MD, PhD*

6:50 AM – 7:20 AM

Nitric Oxide: Therapeutic Potential  
in Cardiovascular Disease

*R. Preston Mason, PhD*

7:20 AM – 7:50 AM

Emerging Therapies in the Management  
of Hypertensive Patients With Osteoarthritis

*William B. White, MD*

7:50 AM – 8:00 AM

Panel Discussion/Q&A

### Learning Objectives

- Evaluate the cardiovascular effects of nonsteroidal anti-inflammatory drugs (NSAIDs) and the subsequent consequences of NSAID treatment for patients with osteoarthritis and cardiovascular disease
- Summarize the role of nitric oxide in cardiovascular biology and vascular function, and review the effects of endothelial dysfunction
- Understand the mechanism of action of nitric oxide-donating agents at the vascular level and the benefits of nitric oxide-donating agents in hypertensive patients
- Discuss the preclinical and clinical studies on the effects of cyclooxygenase-inhibiting nitric oxide donating (CINOD) agents on blood pressure

### Presenters

#### CHAIR

**Thomas Giles, MD**

Professor of Medicine  
Section of Cardiology  
Department of Medicine  
Tulane University School of Medicine  
New Orleans, Louisiana

#### FACULTY

**William J. Elliott, MD, PhD**

Professor of Preventive Medicine,  
Internal Medicine, and Pharmacology  
Rush University Medical Center  
Chicago, Illinois

**R. Preston Mason, PhD**

Department of Medicine  
Harvard Medical School  
Senior Research Scientist  
Brigham & Women's Hospital  
Senior Collaborating Scientist  
Harvard University-MIT Center for  
Experimental Pharmacology and Therapeutics  
Boston, Massachusetts

**William B. White, MD**

Professor and Chief, Division of Hypertension  
and Clinical Pharmacology  
The Pat and Jim Calhoun Cardiology Center  
Medical Director, Clinical Trials Unit  
Editor-in-Chief, Blood Pressure Monitoring  
University of Connecticut School of Medicine  
Farmington, Connecticut

#### Accreditation Statement

The American Society of Hypertension, Inc. is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

#### Designation Statement

The American Society of Hypertension, Inc. designates this educational activity for a maximum of 2 AMA PRA Category 1 Credits™. Each physician should claim credit commensurate with the extent of their participation in the activity.

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Yerba Buena Ballroom 7

55 Fourth Street

San Francisco, California

Innovations Consulting Group, LLC  
3119 51st Place, NW  
Washington, DC 20016

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