

## **Stanching the Flow: Sharpening Hemostatic Strategies in the Surgical Setting**

Registration and Lunch  
12:00 p.m. – 1:00 p.m.  
Satellite Symposium  
1:00 p.m. – 3:00 p.m.

### **Location:**

Hilton Anaheim  
Pacific Ballroom B

### **Program Overview:**

More than 40% of surgical patients do not achieve hemostasis with standard manual compression techniques, thus requiring adjunct therapy. Human and bovine thrombin, autologous blood preparations, and microfibrillar collagen hemostat (MCH) have been proven effective in achieving hemostasis with varying risk/benefit profiles and are generally selected based on clinician preference. In this program, the clinical and economic burdens of surgical bleeding in the United States will be discussed, including the impact of blood transfusions. To educate participants, each presenter will outline the safety, efficacy, and pharmacoeconomics of biologic hemostatic agents so that participants can understand and implement proper hemostatic treatment protocols that effectively achieve hemostasis and ensure efficient healthcare resource use. Participants will obtain an activity booklet, including lecture slides and evaluation completion instructions, onsite before the conference. Participants will be asked to complete all conference evaluations online following the conclusion of the conference. All participants must complete an evaluation to receive documentation of credit. This educational activity is a knowledge-based activity.

### **Educational Objectives:**

At the conclusion of this activity, participants should be able to:

- **Describe** the clinical and economic burden of surgical bleeding in the United States, including the impact of blood transfusions;
- **Outline** the safety, efficacy, and pharmacoeconomics of biologic hemostatic agents; and
- **Implement** hemostatic treatment protocols that effectively achieve hemostasis and ensure efficient healthcare resource use.

### **Agenda and Faculty:**

12:00 p.m. – 1:00 p.m.	Registration and Lunch
1:00 p.m. – 1:05 p.m.	Introduction
1:05 p.m. – 1:45 p.m.	Systemic Hemostasis and Blood Management in the Surgical Patient: Risks and Rewards <i>Bradley A. Boucher, Pharm.D., FCCP, FCCM</i>
1:45 p.m. – 2:00 p.m.	Case Study Discussion/Question & Answer Session
2:00 p.m. – 2:40 p.m.	Overview of Topical Hemostatic Agents and Immune-mediated Coagulopathy in the Surgical Patient <i>Mark A. Malesker, Pharm.D., FCCP, BCPS</i>
2:40 p.m. – 2:55 p.m.	Case Study Discussion/Question & Answer Session
2:55 p.m. – 3:00 p.m.	Closing Remarks

### **Bradley A. Boucher, Pharm.D., FCCP, FCCM**

Professor of Clinical Pharmacy  
Associate Professor of Neurosurgery  
University of Tennessee Health Science Center  
Memphis, Tennessee, USA

### **Mark A. Malesker, Pharm.D., FCCP, BCPS**

Professor of Pharmacy Practice and Medicine  
Creighton University School of Medicine  
Omaha, Nebraska, USA

### **Target Audience:**

This CE activity is intended for clinical and hospital pharmacists.

### **Continuing Education Credit:**



North American Center for Continuing Medical Education, LLC (NACCME) is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education. This activity is approved for 2 contact hours (0.2 CEUs) of continuing pharmacy education (UAN 276-000-09-028-L01-P).

This program is supported by an educational grant from ZymoGenetics, Inc.

**Registration Information:**

There is no fee associated with this activity. To register, please log onto <http://www.naccme.com/program/2009-331-1/>.

For questions regarding this symposium, please contact James Meringer, NACCME Program Director, at (609) 371-1137 or via e-mail at [jmeringer@naccme.com](mailto:jmeringer@naccme.com).