

Instructions for Obtaining ANESTHESIOLOGY Continuing Medical Education (CME) Credit

CME Editors: Leslie C. Jameson, M.D., Richard P. Dutton, M.D., M.B.A., and Dan J. Kopacz, M.D.

ANESTHESIOLOGY's Journal CME is open to all readers. Members of the American Society of Anesthesiologists (ASA) enjoy a preferred rate for their subscription. However, Journal CME is not limited to ASA members or Journal subscribers. To take part in Journal CME, complete the following steps:

1. For the article listed on the right, read the learning objectives and disclosure information.
2. Read the article in the print or online edition.
3. Register at www.asahq.org/journal-cme and provide payment.
4. Once online, complete the questions and other required information for the CME program, including the evaluation.

The American Society of Anesthesiologists is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The American Society of Anesthesiologists designates this educational activity for a maximum of 1 *AMA PRA Category 1 Credit(s)*TM. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Purpose: The focus of ANESTHESIOLOGY Journal CME is to educate readers on current developments in the science and clinical practice of anesthesiology.

Target Audience: ANESTHESIOLOGY Journal CME is designed for physicians involved with anesthesiology education, clinical practice, and research.

Journal CME Planning Participants Disclosures

Editor-in-Chief: James C. Eisenach, M.D., has no relevant financial relationships to disclose.

CME Editors: Leslie C. Jameson, M.D., Richard P. Dutton, M.D., M.B.A., and Dan J. Kopacz, M.D., have no relevant financial relationships to disclose.

ASA Staff: Employees involved in planning have no relevant financial relationships to disclose.

Claiming Credit

All tests and requests for credit must be submitted through the ANESTHESIOLOGY CME website at www.asahq.org/journal-cme. Participants should claim credit in 15-minute increments, for a

maximum of 1 *AMA PRA Category 1 Credit(s)*TM per journal article.

Two payment options are available:

	ASA Member	Non-member
Annual Fee	\$60	\$120
Per Issue	\$10	\$20

Payment may be made using Visa or MasterCard.

Please direct any questions about Journal CME to:

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This Month's ANESTHESIOLOGY Journal CME

Read the article by Jungner *et al.* entitled "Effects on brain edema of crystalloid and albumin fluid resuscitation after brain trauma and hemorrhage in the rat" on page 1194 and the accompanying editorial by Drummond entitled "Colloid osmotic pressure and the formation of posttraumatic cerebral edema" on page 1079 of this issue.

Learning Objective(s)

After completing this activity, the learner should understand the functional differences between brain and peripheral vascular endothelium, know the effects of hypovolemia and hypotension on brain physiology, and know the different effects of colloid and crystalloid on brain edema in a rat model of traumatic brain injury with systemic hemorrhage.

Author(s) Disclosures

Authors: Mårten Jungner, M.D., D.E.S.A., Per-Olof Grände, M.D., Ph.D., Gustav Mattiasson, M.D., Ph.D., and Peter Bentzer, M.D., Ph.D., returned disclosure forms indicating that they have no financial interest in or affiliation with any commercial supporter or providers of any commercial services discussed in this educational material.

Author: John C. Drummond, M.D., F.R.C.P.C., returned a disclosure form indicating that he received honoraria from Hospira.

Expiration

Registration and submission of answers must be completed by May 31, 2013.