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## Anesthesiology & Critical Care Grand Rounds 2018-2020

### Anesthesiology & Critical Care Grand Rounds 2018-2020 - Dynamics of Anesthetic-Induced Loss and Return of Consciousness in the Primate Brain

October 22, 2020

6:30 AM - 7:30 AM

#### Target Audience

This program has been designed for Anesthesiology, Emergency Medicine, Surgery, Otolaryngology, Anesthesiology - Critical Care Medicine

#### Series Educational Objectives

After participating in this regularly scheduled series, participants should be able to:

- 1 To apply newest QA/QI tools to analyze adverse outcomes.
- 2 Implement desired changes in the system-based practice based on the latest medical evidence.
- 3 To improve interdisciplinary team work and interactions with all members of the multidisciplinary teams (STEPPS based learning).

#### Session Educational Objectives

After completing this educational activity, participants should be able to:

- 1 Describe how the brain transitions in and out of consciousness under propofol anesthesia.
- 2 Discuss the relationship between behavioral response, neuronal dynamics and pharmacokinetics during propofol anesthesia and recovery.
- 3 Discuss the relationship between behavioral response, neuronal dynamics and pharmacokinetics during propofol anesthesia and recovery.

#### Accreditation

In support of improving patient care, Penn Medicine is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

#### Designation of Credit

**Physicians:** Penn Medicine designates this live activity for a maximum of **1.00 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

**Nurses:** This activity is not approved for nursing contact hours

**Pharmacists:** This activity is not approved for pharmacy contact hours

**PAs:** AAPA accepts certificates of participation for educational activities certified for *AMA PRA Category 1 Credit™* from organizations accredited by ACCME or a recognized state medical society. PAs may receive a maximum of **1.00** Category 1 credits for completing this activity.

#### Acknowledgement of Commercial Support\*

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Check your transcript online at <https://upenn.cloud-cme.com>

None

### Disclosure of Relevant Financial Relationships and Unapproved Uses of Products

It is policy at Penn Medicine Office of Continuing Medical and Interprofessional Education for individuals who are in a position to control the content of an educational activity to disclose to the learners all relevant financial relationships that they have with any commercial interest that provide products or services that may be relevant to the content of this continuing education activity. For this purpose, we consider relationships of the person involved to include financial relationships of a spouse or partner.

The intent of this policy is to ensure that Penn CME/CE certified activities promote quality and safety, are effective in improving medical practice, are based on valid content, and are independent of control from commercial interests and free of commercial bias. Peer review of all content was conducted for all faculty presentations whose disclosure information was found to contain relationships that created a conflict of interest relevant to the topic of their presentation. In addition, all faculty were instructed to provide balanced, scientifically rigorous and evidence-based presentations.

The staff in the Office of Continuing Medical and Interprofessional Education (CME and IPCE), have disclosed that they have no relevant financial relationships with any commercial interests related to the content of this educational activity. Any peer reviewer with a potential conflict of interest will recuse themselves from the peer review process.

Name of individual	Individual's role in activity	Name of commercial interest/Nature of relationship
Dimitry Baranov, MD	Course Director	Nothing to disclose
Roderic Eckenhoff, MD	Other Planning Committee Member	Nothing to disclose
Lee Fleisher, MD-FCBC	Other Planning Committee Member	Nothing to disclose
Emily Gordon, MD	Other Planning Committee Member	Nothing to disclose
Joseph Savino, MD	Other Planning Committee Member	Nothing to disclose
Yumiko Ishizawa, MD PhD	Faculty	Nothing to disclose

Relevant financial relationships are those relationships in which the individual benefits by receiving a salary, royalty, intellectual property rights, consulting fee, honoraria, ownership interest (e.g., stocks, stock options or other ownership interest, excluding diversified mutual funds), or other financial benefit. Financial benefits are usually associated with roles such as employment, management position, independent contractor (including contracted research), consulting, speaking and teaching, membership on advisory committees or review panels, board membership, and other activities from which remuneration is received or expected