



Train the Trainer: Incorporating Processed EEG into Anesthesia Curriculum

Afternoon Session

**Thursday, February 25, 2027
1:00 pm - 5:00 pm**

Sheraton Dallas Hotel
400 North Olive Street
Dallas, TX 75201

Purpose: To prepare anesthesia educators to teach processed EEG (pEEG) concepts beyond reliance on a single processed index, with emphasis on signal quality, artifact recognition, raw EEG waveform and spectrogram interpretation, and clinical application.

Target Audience: Anesthesia educators in classroom, simulation, clinical, and professional development settings, including nurse anesthesia program faculty, clinical educators and preceptors, and professional development educators.

Program Description: This Train-the-Trainer workshop adapts AANA's processed EEG education for educators who will bring the content back to their own institutions and programs. Participants strengthen foundational EEG knowledge while learning practical strategies for classroom, simulation, and clinical teaching settings, including case-based learning, guided waveform interpretation, clinical questioning, formative feedback, and structured debriefing.

Part 1: Online Learning

Online pEEG modules are available beginning January 18, 2027 and provide foundational preparation in pEEG concepts. Completion of the online modules before the workshop is recommended. The online component offers 4 MAC Ed CEs; the in-person EDGE workshop offers an additional 4 MAC Ed CEs.

Part 2: In-Person Train-the-Trainer Workshop

The four-hour in-person workshop emphasizes teaching methodology, deliberate practice, case-based learning, formative feedback, and structured debriefing. Participants will practice translating clinical content into effective learning experiences adaptable to classroom, simulation, clinical, and professional development settings.

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Time	Session / Learner Outcomes	Faculty
1:00 - 2:00 pm	Teaching Core Concepts for Processed EEG Applications 1. Apply evidence-based instructional strategies to teach proper EEG setup techniques that optimize signal quality and minimize recording errors. 2. Facilitate learner recognition and troubleshooting of common EEG artifacts using interactive teaching methods, guided practice, and formative feedback.	Jeremy S. Heiner, EdD, MSN, CRNA, FAANA Mark H. Gabot, DNP, CRNA, FAANA Zohn Centimole, PhD, CRNA Juan Manuel Fernandez, BS, MEng
2:10 - 4:00 pm	Teaching Strategies and Opportunities for Integrating pEEG Across the Nurse Anesthesia Curriculum Learner Outcomes: 1. Integrate case-based teaching techniques to help learners interpret anesthetic-induced EEG patterns and apply findings to clinical scenarios. 2. Facilitate learner recognition and troubleshooting of common EEG artifacts using interactive teaching methods, guided practice, and feedback. 3. Educate learners to integrate raw EEG waveforms and spectrogram data into clinical decision-making using deliberate practice and clinical reasoning.	Jeremy S. Heiner, EdD, MSN, CRNA, FAANA Mark H. Gabot, DNP, CRNA, FAANA Zohn Centimole, PhD, CRNA Juan Manuel Fernandez, BS, MEng
4:10 - 5:00 pm	1. Lead learners in analyzing the effects of physiological and pathological conditions on EEG interpretation through questioning, discussion, and clinical examples. 2. Provide feedback to learners using formative feedback, checklists, and structured debriefing techniques.	Jeremy S. Heiner, EdD, MSN, CRNA, FAANA Mark H. Gabot, DNP, CRNA, FAANA Zohn Centimole, PhD, CRNA Juan Manuel Fernandez, BS, MEng
5:00 pm	Program Concludes	

Accreditation Statements

In-person Workshop Accreditation Statement:

This program has been prior approved by the American Association of Nurse Anesthesiology for 4.00 MAC Ed CE



credits; Code Number 1047213; Expiration Date 2/25/2027. American Association of Nurse Anesthesiology is accredited as a provider of nursing continuing professional development by the American Nurses Credentialing Center's Commission on Accreditation. AANA is an approved provider by the California Board of Registered Nursing, CEP #10862.

Online Coursework Accreditation Statement:

The online modules have been prior approved by the American Association of Nurse Anesthesiology. For each individual course accreditation statement, MAC Ed CE credits or pharmacology credits, and approval codes, please visit the CRNA Education Edge website. The American Association of Nurse Anesthesiology is accredited as a provider of continuing nursing education by the American Nurses Credentialing Center's Commission on Accreditation. AANA is an approved provider by the California Board of Registered Nursing, CEP #10862.

Conflict of Interest Disclosure

All planners and presenters for this continuing nursing education activity are required to disclose any significant financial relationships with manufacturers of commercial healthcare products or services. Any identified conflicts have been resolved to ensure content remains objective, evidence-based, and free of bias. Full disclosure information will be available to attendees through the AANA Meetings App.