Forty-Fourth Annual

Mayo Clinic Seminar for Nurse Anesthetists

October 23 – October 26, 2018
Mayo Clinic, Heritage Hall Subway Level, Kahler Grand Hotel
Rochester, Minnesota
General Information

COURSE DESCRIPTION
The 44th Annual Mayo Clinic Seminar for Nurse Anesthetists emphasizes today's standard of care and problem solving. The course is designed to provide an overview of the most recent advances in anesthesiology. 22.5 CE Credits ** 3.5 Pharmacology Credits are available.

Caring for the Second Victim: Anesthesia Providers & Adverse Events – Tuesday evening. 3 CE Credits
During this interactive and novel workshop, participants will discuss the impact of adverse events on anesthesia providers and specifically explore the Second Victim Phenomenon. The background and significance, symptomatology, high risk clinical scenarios, and the stages of the second victim’s recovery trajectory will be discussed. Participants will engage in small group discussions, video analysis and role-playing activities. They will practice different peer support interventions, focusing on mitigating the emotional impact of adverse events on affected colleagues. Finally the HELP Program – Healing Emotional Lives of Peers will be discussed, which is the peer support program that was recently implemented in the Department of Anesthesiology and Perioperative Medicine at Mayo Rochester, MN.

ACCREDITATION
*This program has been prior approved by the American Association of Nurse Anesthetists for 25.5 Class A CE credits; AANA Code number: 1036496; Expiration date: October 26, 2018.

LOCATION
This year’s seminar will again be held in the Heritage Hall, Subway Level, of the Kahler Grand Hotel 20 SW 2nd Avenue, Rochester, Minnesota, 55906.

LODGING
A block of guest rooms at a special group rate has been reserved at the following hotel in downtown Rochester, Minnesota. Please ask for the Mayo Clinic Seminar for Nurse Anesthetists. Due to demand we have increased the number of rooms available.

Kahler Grand Hotel 800-533-1655
Discounted Group Rate: $139 per room per night, Deluxe Room
Deadline: October 2, 2018
Parking fees and tax are not included in rate.

Other Nearby Hotels:
Rochester Marriott Mayo Clinic area: 507-280-6000
Double Tree by Hilton Hotel Rochester: 507-281-8000
Hilton Garden Inn Rochester/University & Medical Center: 507-285-1234

SPECIAL RECOGNITION
Special recognition goes to the exhibitors. Their generosity makes it feasible to lower the cost of this CME course and enjoy their trade fair.

ROCHESTER DIRECT - Shuttle Service from the Minneapolis Airport
Please contact Go Rochester Direct for reservations or further information call General Office: 507-280-9270; Outstate Toll Free: 1-800-280-9270 or log on to: www.GoRochesterDirect.com for departure locations and times.

Program

COURSE FACULTY
Mary Shirk Marienau, APRN, CRNA, PhD
Director Postgraduate CRNA Education, Mayo Clinic, Director, Mayo Clinic School of Health Sciences, Doctor of Nurse Anesthesia Practice Program, Assistant Professor of Anesthesiology, Career Educator Consultant, Mayo Clinic College of Medicine
Arnoley S. Abcejo, MD
Assistant Professor of Anesthesiology, Mayo Clinic College of Medicine

Lucyna E. Aho, APRN, CRNA, DNP
Staff Anesthetist, Clinical Instructor, Department of Anesthesiology and Perioperative Medicine, Mayo Clinic – Rochester

Christopher M. Burkle, MD, JD
Professor of Anesthesiology, Mayo Clinic College of Medicine

Jennifer Burckhardt, APRN, CRNA, MNA
Staff Anesthetist, Clinical Instructor, Department of Anesthesiology and Perioperative Medicine, Mayo Clinic – Rochester
Program continued

Jonathan E. Charnin, MD
Assistant Professor of Anesthesiology,
Mayo Clinic College of Medicine

Timothy B. Curry, MD, PhD
Assistant Professor of Physiology, Associate Professor of Anesthesiology, Mayo Clinic College of Medicine

David R. Danielson, MD
Assistant Professor, Mayo Clinic College of Medicine

Kelly J. Doolittle, MD
Instructor in Anesthesiology, Mayo Clinic College of Medicine

Beth A. Elliott, MD
Associate Professor of Anesthesiology, Mayo Clinic College of Medicine

*Robyn E. Finney, APRN, CRNA, DNAP
Staff Anesthetist, Clinical Instructor, Department of Anesthesiology and Perioperative Medicine, Mayo Clinic – Rochester. Core Didactic Faculty, Doctor of Nurse Anesthesia Practice Program Instructor in Anesthesiology, Mayo Clinic College of Medicine

Randall Flick, MD, MPH
Professor of Anesthesiology and Pediatrics, Mayo Clinic College of Medicine

Bhargavi Gali, MD
Assistant Professor of Anesthesiology, Mayo Clinic College of Medicine, Chair, Department of Anesthesiology & Perioperative Medicine Diversity Council

George D. Gilkey, MD
Instructor in Anesthesiology, Mayo Clinic College of Medicine

*Adam K. Jacob, MD
Associate Professor of Anesthesiology, Mayo Clinic College of Medicine

Rebecca L. Johnson, MD
Assistant Professor of Anesthesiology, Mayo Clinic College of Medicine

Eric J. Kern, APRN, CRNA, MNA
Staff Anesthetist, Clinical Instructor, Department of Anesthesiology and Perioperative Medicine, Mayo Clinic – Rochester

Amber L. Kohnhorst, RN
Staff RN, Hyperbaric and Altitude Medicine Program, Mayo Clinic – Rochester

Sean M. Loughran, APRN, CRNA, MNA
Staff Anesthetist, Clinical Instructor, Department of Anesthesiology and Perioperative Medicine, Mayo Clinic – Rochester

*Karen E. Nase, APRN, CRNA, MNA
Staff Anesthetist, Clinical Instructor, Department of Anesthesiology and Perioperative Medicine, Mayo Clinic – Rochester

*Tamra J. Neis
Program Assistant, Postgraduate Education and Nurse Anesthesia Education, Mayo Clinic – Rochester

Wayne (Nick) T. Nicholson, MD, Phar.D.
Assistant Professor of Anesthesiology and Pharmacology, Mayo Clinic College of Medicine

*Peter S. Owegi, APRN, CRNA, MSNA
Staff Anesthetist, Clinical Instructor, Department of Anesthesiology and Perioperative Medicine, Mayo Clinic – Rochester

Richard K. Patch, III, MD
Instructor in Medicine, Assistant Professor of Anesthesiology, Mayo Clinic College of Medicine

John C. Preston, DNSc, CRNA, FNAP, APN
Chief Credentialing Officer
National Board of Certification and Recertification for Nurse Anesthetists (NBCRNA)

*Roger D. Pula, APRN, CRNA, MNA
Staff Anesthetist, Clinical Instructor, Department of Anesthesiology and Perioperative Medicine, Mayo Clinic – Rochester

Bridget P. Pulos, MD
Instructor in Anesthesiology, Mayo Clinic College of Medicine

Jennifer G. Shanahan, APRN, CRNA, MNA
Staff Anesthetist, Clinical Instructor, Department of Anesthesiology and Perioperative Medicine, Mayo Clinic – Rochester

Emily E. Sharpe, MD
Assistant Professor of Anesthesiology, Mayo Clinic College of Medicine

Jenna R. Steege, APRN, CRNA, DNP
Staff Anesthetist, Clinical Instructor, Department of Anesthesiology and Perioperative Medicine, Mayo Clinic – Rochester

Isaac W. Thorneaux, APRN, CRNA, DNAP
Staff Anesthetist, Clinical Instructor, Department of Anesthesiology and Perioperative Medicine, Mayo Clinic – Rochester

Tia M. Stringer, APRN, CRNA, MNA
Staff Anesthetist, Clinical Instructor, Department of Anesthesiology and Perioperative Medicine, Mayo Clinic – Rochester

Paul A. Warner, MD
Instructor in Anesthesiology, Mayo Clinic College of Medicine

*Susan K. Wigersma, APRN, CRNA, MNA
Staff Anesthetist and Clinical Instructor, Department of Anesthesiology and Perioperative Medicine, Mayo Clinic – Rochester

Edward Zhotvis, DNP, CRNA, APN, APNP
Staff Anesthetist, Department of Anesthesiology and Perioperative Medicine, Mayo Clinic – Rochester

Student Presenters:
Doctor of Nurse Anesthesia Practice (DNAP) Program, Class of 2019:
Kristin M. Dyer, BSN, RN, SRNA
Lauren M. Elzen, BSN, RN, SRNA
Colin P. Patterson, BSN, RN, SRNA
Lisa M. Saunders, BSN, RN, SRNA

TUESDAY, OCTOBER 23, 2018

Evening Session – Siebens 402
Presiding:
Mary Shirk Marienau, APRN, CRNA, PhD

5:00 pm Caring for the Second Victim:
Anesthesia Providers & Adverse to Events (3 CEU)

8:00 pm Faculty:
Robyn E. Finney, APRN, CRNA, DNAP

WEDNESDAY, OCTOBER 24, 2018

Morning Session
Presiding: Robyn E. Finney, APRN, CRNA, DNAP

7:00 am Registration – Heritage Hall, Subway Level, Kahler Grand Hotel
Full Breakfast & Exhibitors – Windsor Hall, Subway Level, Kahler Grand Hotel

7:40 am Welcome and Opening Remarks
Mary Shirk Marienau, APRN, CRNA, PhD

7:45 am Damage Control Resuscitation: Lessons Learned
Edward Zlotoski, DNP, CRNA, APN, APNP

8:45 am Prothrombin Complex Concentrates (PCC) Overview and Current Clinical Issues
Sean M. Loughran, APRN, CRNA, MNA

Jennifer L. Burchhardt, APRN, CRNA, MNA

9:45 am Thinking Outside the Box: LVAD’s and Outpatient Surgery
Paul A. Warner, MD

10:45 am Visit the Exhibitors – Windsor Hall, Subway Level, Kahler Grand Hotel

12:00 pm Luncheon – Elizabethan Room, Kahler Hotel – 1st Floor

Afternoon Session
Presiding: Roger D. Pula, APRN, CRNA MNA

1:00 pm Encompassing Head Injuries: On Scene to PACU
Amber L. Kohnhorst, RN
Arnesley S. Ahejo, MD

2:00 pm Multimodel Analgesia For Labor
Bridgett P. Pulos, MD

3:30 pm Should Peripheral Nerve Blocks Remain in THA Clinical Pathways?
Rebecca L. Johnson, MD

4:15 pm Diversity and Work Culture: Can You Make a Difference?
Bhargavi Gali, MD
Lucyna E. Aho, APRN, CRNA, DNP

5:15 pm Non-Opioid Anesthesia Techniques for Anesthesia Providers Working in the Era of the Opioid Epidemic
Eric J. Kern, APRN, CRNA, MNA

THURSDAY, OCTOBER 25, 2018 continued

6:30 pm Reception for Registrants and Guests
Hage Atrium – Subway Level, Siebens Building

Current Anesthesia Research:

11:00 am Incidence of Post-Discharge Nausea and Vomiting in the Outpatient Surgical Population at a Large Academic Institution in the Midwest
Lisa M. Saunders, BSN, RN, SRNA

11:15 am Defining the Use and Safety of Dexmedetomidine in Critically Ill Children ** (0.25 Pharm credit)
Kristin M. Dyer, BSN, RN, SRNA

11:30 am Facilitating Effective Communication Regarding the Pre-Anesthetic Assessment and Anesthetic Plan in an Anesthesia Care Team
Lauren M. Elzer, BSN, RN, SRNA

11:45 am Developing Effective Computer-Based Regional Anesthesia Education
 Colin P. Patterson, BSN, RN, SRNA

12:00 pm Luncheon – Elizabethan Room, Kahler Hotel – 1st Floor

Afternoon Session
Presiding: Susan K. Wigersma, APRN, CRNA, MNA

1:00 pm Cognitive Failures in Anesthesia: Why Do Bright People Make Mistakes?
George D. Gilkey, MD

2:00 pm Student Awards

2:10 pm Pharmacogenomics and Anesthesia ** (0.5 Pharm credit)
Timothy B. Curry, MD, PhD

2:40 pm Considerations with Adverse Drug Interactions in Anesthesia
W. “Nick” Nicholson, MD, Pharm.D.

3:10 pm Intermisson- Windsor Hall, Subway Level, Kahler Grand Hotel

3:30 pm Stay Current: Neuroaxial Ultrasound in Obstetrics
Emily E. Sharpe, MD

4:00 pm Pediatric NPO Guidelines: Confusion, Conundrums and Controversies
Kelly J. Doolittle, MD

4:30 pm CPC Program Overview and Update
John C. Preston, DNSc, CRNA, FNAP, APN

FRIDAY, OCTOBER 26, 2018

Morning Session
Presiding: Karen E. Nase, APRN, CRNA MNA

7:00 am Full Breakfast – Windsor Hall, Subway Level, Kahler Grand Hotel

7:40 am Welcome and Opening Remarks

7:45 am Does Anesthesia Hurt My Baby’s Brain? ** (0.5 Pharm Credit)
Randall Flick, MD, MPH

8:45 am Neuromuscular Blockers: Why We Twitch at Work ** (1.0 Pharm Credit)
Isaac W. Therneau, APRN, CRNA, DNAP

9:45 am Intermisson- Windsor Hall, Subway Level, Kahler Grand Hotel

10:00 am Legal Vignettes: It’s Not Only About the Intraoperative Course
Christopher M. Burke, MD, JD

10:30 am Gadgets and Gizmos
David R. Danielson, MD

11:00 am Challenging Anesthesia Cases: How Would You Manage?
Beth A. Elliott, MD
Adam K. Jacob, MD

12:00 pm Certificates and Next Year’s Announcement
# Forty-Fourth Annual Mayo Clinic Seminar for Nurse Anesthetists (25.5 CE Credits)
October 23 – October 26, 2018

**Second Victims Workshop** (3 CE Credits)

October 23, 2018 - 5:00-8:00 pm*

*Please note space is limited.

Mail form and payment to:

Mayo CRNA Postgraduate Education  
10-12 Siebens Bldg. 200 1st St. SW  
Rochester, MN 55905

Telephone: 1-507-284-8331  
FAX: 1-507-284-2818

To register, return the completed registration form with your payment. The registration fee includes full breakfasts with refreshment breaks, Wednesday Evening reception, lunches on Wednesday and Thursday, and access to the course materials. Registration opens at 4:00 pm Tuesday, October 23 for Second Victims Workshop participants on 4th Floor Siebens Building, Room 402. Registration for the seminar and exhibits opens at 7:00 am, Wednesday, October 24, outside Heritage Hall, Subway Level, Kahler Grand Hotel. Exhibits, breakfast/breaks, and Poster Session will be held in Windsor Hall, Subway Level, Kahler Grand Hotel.

## Please print or type all information. Duplicate this form for multiple registrations.

<table>
<thead>
<tr>
<th>Name</th>
<th>AANA Membership No.</th>
<th>Mayo Alumni: No</th>
<th>Yes Year:</th>
<th>Address</th>
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☐ Check box if you have special accommodation needs. If so, please indicate your needs here: ___________________________________________________________

☐ Check box if you request a vegetarian entrée.

## PAYMENT

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<tr>
<th>Seminar Registration fee: (Wednesday through Friday)</th>
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<td>One day Seminar fee: (Wednesday or Friday)</td>
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<td>Half day Seminar fee: (Wednesday, Thursday, Friday)</td>
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<td>Second Victims Workshop: (Tuesday Evening)</td>
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☐ Check is enclosed in the amount shown at right: Payable to Mayo Clinic

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**NO REFUNDS AFTER October 5, 2018.**

Wednesday evening reception RSVP. Please indicate total # attending: _____ (Registrant & Guests)
FORTY-FOURTH ANNUAL
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OCTOBER 23- OCTOBER 26, 2018

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Rochester, Minnesota