



Mayo Clinic Exhibitor Prospectus An Overview of Perioperative Medicine November 14-18, 2023

## Welcome

Greetings,

On behalf of Mayo Clinic, Mayo Clinic School of Continuous Professional Development, and course directors, Karen F. Mauck, M.D., Karna K. Sundsted, M.D., Geno J. Merli, M.D. and Howard H. Weitz, M.D., we are pleased to announce the upcoming <u>An Overview of Perioperative Medicine 2023: From</u> <u>Outpatient Preoperative Assessment to Inpatient Postoperative Care</u> which will be held November 14-18, 2023 at the Grand Hyatt Seattle, Seattle, WA.

Mayo Clinic's An Overview of Perioperative Medicine is intended to update general internists, internist subspecialists, family medicine specialists, anesthesiologists, surgeons and other healthcare professionals on perioperative assessment and management. This course focuses on the practical, clinical side of preoperative assessment and postoperative management. The course features a collaborative faculty of multispecialty experts in perioperative medicine from both Mayo Clinic and Sidney Kimmel Medical College at Thomas Jefferson University.

Mayo Clinic recognizes these types of educational programs would not be possible without your support. We invite you to participate at this educational activity with an exhibit in the amount of \$2,500.00. This fee is for the exhibit space only. In support of ACCME guidelines, exhibitors will be in a separate area from the educational activity. We anticipate 150 attendees for this year's course. For your convenience, our Federal tax identification number is 41-6011702.

We look forward to the success of our An Overview of Perioperative Medicine 2023 and hope you will be able to join us this coming November. If you have any questions, please feel free to contact us.

Sincerely,

Megan Roessler CME Specialist Mayo Clinic School of Continuous Professional Development

Kris Jones Education Administration Coordinator Mayo Clinic School of Continuous Professional Development 200 First Street SW Rochester, MN 55905 Phone: 507-266-3071 E-mail: jones.kristen@mayo.edu

# **In-Person Exhibit Tables**

## \$2,500.00 Exhibit Fee Includes:

- 6' table with (2) chairs first come, first serve
- List of conference attendees
- Designated as a sponsor on break slides and course webpage

## **Benefits of Exhibiting In-Person**

- Interact face-to-face with numerous medical professionals
- Build visibility for your company in a competitive marketplace
- Expand your customer base and strengthen existing customer relationships
- Introduce new products and services
- Additional advertisement opportunities to expand reach and further socialize with attendees

## A signed letter of agreement is required to secure your exhibit table.

# **CLICK HERE TO SIGN OUR LETTER OF AGREEMENT**

## Payments

## Make check payable to:

Mayo Clinic – MCSCPD, 200 First St SW, Plummer 2-60 Attn: Kris Jones, Rochester, MN 55905 REFERENCE: Periop Medicine – 23R00368

## **Credit Card payments:**

To pay by credit card, please call 800-323-2688. REFERENCE: Periop Medicine – 23R00368

## **Exhibit Hours**

Set up – TBD November 14 – 6:30am – 1:00pm November 15 – 6:30am – 12:45pm November 16 – 6:30am – 5:15pm November 17 – 6:30am – 1:00pm November 18 – 6:30am – 12:15pm Tear Down – at conclusion of course

# Lodging

Please see <u>course website</u> for lodging information.

Lodging arrangements are the sole responsibility of the individual registrant. Mayo Clinic School of CPD is not responsible for expenses incurred by an individual who is not confirmed and for whom space is not available at the meeting. Costs incurred by the registrant such as airline or hotel fees or penalties are the responsibility of the registrant.

## An Overview of Perioperative Medicine 2023:

## From Outpatient Preoperative Assessment to Inpatient Postoperative Care

#### Grand Hyatt Seattle, Seattle, Washington and LIVESTREAM

\*\*All times noted are Pacific Time (PT)\*\*

November 14 – 18, 2023

### TUESDAY, NOVEMBER 14, 2023

6:30 a.m.	Registration and Continental Breakfast		
	Perioperative Medicine and Anesthesia Topics		
7:30 a.m.	Welcome and Course Overview		
7:45 a.m.	<ul> <li>Perspectives on the Multi-Disciplinary Approach to Perioperative Medicine Moderator: Margaret Beliveau, M.D.</li> <li>Panel: John Bundrick, M.D., Adam Jacob, M.D., and Krystin A. Hidden, M.D</li> <li>What are the roles of the medical consultant?</li> <li>What should a preoperative evaluation include?</li> <li>How can a multidisciplinary approach optimize patient care?</li> </ul>		
8:15 a.m.	<ul> <li>Anesthesia Alerts for the Non-Anesthesiologist TBD</li> <li>Is general anesthesia more risky than spinal anesthesia for some patients?</li> <li>Which patients are too risky for outpatient surgery?</li> <li>How do I counsel my patients about energy drinks, alcohol, nicotine the night before surgery?</li> <li>What should I tell the patient about fasting?</li> <li>How do I accurately assign an ASA score?</li> <li>What are some of the post-anesthesia issues you might encounter?</li> <li>What should the consultant know about tranexamic acid intraoperatively?</li> </ul>		
9:00 a.m.	<ul> <li>Cardiac Risk Assessment: Using Guidelines to Direct Practice Karen F. Mauck, M.D.</li> <li>How do I apply the current ACC/AHA guidelines to preoperative cardiac risk assessment?</li> <li>Should I use the Gupta or the RCRI cardiac risk calculator?</li> <li>How might the Canadian and EU Guidelines impact my practice?</li> <li>Which patients should have NT-PROBNP and/or Troponins preoperatively?</li> </ul>		
9:45 a.m.	<ul> <li>Cardiac Risk Reduction Strategies – Medical and Interventional Howard H. Weitz, M.D.</li> <li>What are the risks of general vs spinal anesthesia with respect to cardiac outcomes?</li> <li>What is the evidence for perioperative beta-blocker, statin and alpha-2-agonist use?</li> <li>When is cardiac revascularization indicated prior to non-cardiac surgery?</li> <li>How long should patients wait to have surgery after MI or revascularization?</li> </ul>		

10:30 a.m. Question and Answer Session

	Cardiovascular Medicine Topics, Part 2 and Clinical Shorts
11:00 a.m.	<ul> <li>Management of Non-CAD Heart Disease in Non-Cardiac Surgery</li> <li>Howard H. Weitz, M.D.</li> <li>How do I manage a patient with valvular heart disease perioperatively?</li> <li>How soon after valve replacement can non-cardiac surgery be performed?</li> <li>What issues need to be considered for a patient with heart failure preoperatively?</li> <li>What are the issues with preoperative hypertension?</li> <li>What are the preoperative issues for patients with chronic atrial fibrillation?</li> <li>What perioperative issues need to be considered in a patient with hypertrophic cardiomyopathy?</li> <li>What perioperative issues need to be considered in a patient with pulmonary hypertension?</li> <li>What are the indications for a temporary pacemaker in the perioperative period?</li> <li>How do I manage pacemakers and CIEDs in the perioperative period?</li> </ul>
11:45 p.m.	<ul> <li>Clinical Shorts Cardiac Stress Tests <i>TBD</i></li> <li>How do I choose a cardiac stress test?</li> <li>Preoperative ECG and Echocardiogram Brian M. Dougan, M.D.</li> <li>When are preoperative ECGs and echocardiograms indicated?</li> <li>Myocardial Injury after Non-Cardiac Surgery (MINS) Dennis W. Regan, M.D.</li> <li>Is MINS significant and is there any evidence-based treatment?</li> <li>Which patients should be surveilled for MINS?</li> <li>Preoperative Anemia and Iron Therapy <i>TBD</i></li> <li>When should I consider perioperative iron therapy and how is it administered?</li> </ul>
12:45 p.m.	Question and Answer Session
1:00 p.m.	Adjourn
	NOVEMBER 15, 2023
6:30 a.m.	Breakfast with the Professor featuring Tuesday's Course Faculty
	Pain Management and Substance Use Topics

**7:30 a.m.** Pain Management in the Perioperative Period *TBD* 

- What are the key issues in patients on chronic opioids preoperatively?
- What are the common PCA doses for postoperative pain control?

	<ul> <li>When should I consider multi-modal analgesia to help with pain control?</li> </ul>
	<ul> <li>What are the commonly used opioids in the postoperative setting and how do I choose (elderly, renal failure, liver disease)?</li> </ul>
	<ul> <li>How should patients on multiple sedating medications postoperatively be monitored?</li> </ul>
	<ul> <li>What is the best strategy for prescribing opioids on hospital discharge?</li> </ul>
8:15 a.m.	Managing the Patient with Perioperative Substance Use Disorders
	<ul> <li>Charles P. Reznikoff, M.D.</li> <li>How do I screen for substance use preoperatively?</li> </ul>
	<ul> <li>What are the perioperative issues with the use of common substances such as methamphetamine, heroin, cocaine and alcohol?</li> </ul>
	<ul> <li>When should an elective surgery be postponed in a patient with substance use?</li> <li>How do I manage patients on Suboxone and methadone perioperatively?</li> </ul>
	How can I use prescription monitoring programs in the perioperative setting?
9:00 a.m.	Perioperative Management of Patients who use THC and CBD containing substance Thomas P Pittelkow, D.O., MPH
	<ul> <li>How long should patients be abstinent prior to surgery?</li> </ul>
	<ul> <li>What are the risks in patients who require urgent surgery and have recently used cannabis?</li> </ul>
	• What are some of the potential postoperative issues with recent cannabis use?
	<ul> <li>Are there potential drug-drug interactions, including anesthetic agents, in the perioperative timeframe?</li> </ul>
9:30 a.m.	Question and Answer Session
9:30 a.m. 9:45 a.m.	Question and Answer Session Refreshment Break
9:45 a.m.	Refreshment Break Clinical Shorts
	Refreshment Break
9:45 a.m.	Refreshment Break Clinical Shorts Non-Cardiac Device Management
9:45 a.m.	Refreshment Break         Clinical Shorts         Non-Cardiac Device Management         Adam K. Jacob, M.D.         • How do I manage non-cardiac devices perioperatively, such as deep brain stimulators, pain pumps, acupressure devices, etc?
9:45 a.m.	Refreshment Break         Clinical Shorts         Non-Cardiac Device Management         Adam K. Jacob, M.D.         • How do I manage non-cardiac devices perioperatively, such as deep brain
9:45 a.m.	Refreshment Break         Clinical Shorts         Non-Cardiac Device Management         Adam K. Jacob, M.D.         • How do I manage non-cardiac devices perioperatively, such as deep brain stimulators, pain pumps, acupressure devices, etc?         Prehabilitation
9:45 a.m.	Refreshment Break         Clinical Shorts         Non-Cardiac Device Management         Adam K. Jacob, M.D.         • How do I manage non-cardiac devices perioperatively, such as deep brain stimulators, pain pumps, acupressure devices, etc?         Prehabilitation         Margaret Beliveau, M.D.
9:45 a.m.	Refreshment Break         Clinical Shorts         Non-Cardiac Device Management         Adam K. Jacob, M.D.         How do I manage non-cardiac devices perioperatively, such as deep brain stimulators, pain pumps, acupressure devices, etc?         Prehabilitation         Margaret Beliveau, M.D.         Does exercise prehabilitation have a role in some patients prior to surgery?         Preoperative Laboratory Testing
9:45 a.m.	Refreshment Break         Clinical Shorts         Non-Cardiac Device Management         Adam K. Jacob, M.D.         • How do I manage non-cardiac devices perioperatively, such as deep brain stimulators, pain pumps, acupressure devices, etc?         Prehabilitation         Margaret Beliveau, M.D.         • Does exercise prehabilitation have a role in some patients prior to surgery?         Preoperative Laboratory Testing David Raslau, M.D.
9:45 a.m.	Refreshment Break         Clinical Shorts         Non-Cardiac Device Management         Adam K. Jacob, M.D.         • How do I manage non-cardiac devices perioperatively, such as deep brain stimulators, pain pumps, acupressure devices, etc?         Prehabilitation         Margaret Beliveau, M.D.         • Does exercise prehabilitation have a role in some patients prior to surgery?         Preoperative Laboratory Testing         David Raslau, M.D.         • Which patients require lab testing prior to surgery?         Laparoscopic Surgery and Patient Positioning – Why it Matters

physiologic effects of anesthesia?

## 11:15 a.m. Question and Answer Session

	Perioperative Genomics
11:30 a.m.	<ul> <li>Perioperative Genomics</li> <li>Denise M. Dupras, M.D., Ph.D.</li> <li>What pharmacogenomic information do I need to be aware of in the perioperative setting?</li> </ul>
	Infectious Disease
12:00 p.m.	<ul> <li>Perioperative Infectious Disease Issues</li> <li>Mary J. Kasten, M.D.</li> <li>How do I approach the postoperative fever workup?</li> <li>Which patients need antibiotic prophylaxis perioperatively and for how long?</li> <li>Do I need to order a urinalysis and culture prior to total joint surgery?</li> <li>Is there a role for the use of probiotics to prevent postoperative infections?</li> </ul>
12:30 p.m.	Question and Answer Session
12:45 p.m.	Adjourn
	Optional Workshop with Lunch (pre-registration required)
1:00 p.m.	<ul> <li>The Mayo Clinic Multidisciplinary Approach to Perioperative Medicine</li> <li>Adam K. Jacob, M.D.; Karna K. Sundsted, M.D.; Karen F. Mauck, M.D.</li> <li>Lisa M. Belch, APRN, C.N.P.; Jessica A. Lindblom, APRN, C.N.P.; Amanda Effertz, P.AC.</li> <li>Review the role of NP/PAs, anesthesiologists, internists, and hospitalists in the continuum of perioperative care at Mayo</li> <li>How do patients get triaged for video vs face-to-face visits?</li> <li>How is the EMR used to perform the preoperative checklist?</li> <li>Which patients require a more complex preoperative evaluation with an anesthesiologist or internist?</li> <li>How does the patient flow work in the preop clinic?</li> <li>How are patients with anemia or penicillin allergy managed preop?</li> <li>How are learners incorporated in the perioperative setting?</li> </ul>
2:30 p.m.	Question and Answer Session
3:00 p.m.	Adjourn

#### THURSDAY, NOVEMBER 16, 2023

THORSDAT, NOVEMBER 10, 2023		
6:30 a.m.	Breakfast with the Professor featuring Wednesday's Course Faculty	
	Cardiovascular Part 3, Medication and Fluid Management Topics	
7:30 a.m.	Managing Postoperative Cardiac Complications Howard H. Weitz, M.D.	

- Which patients should have an ECG and/or troponin surveillance for postoperative MI?
- How do I manage hyper- and hypotension postoperatively?
- What are the precipitating factors for postoperative arrhythmias and conduction disorders and how do I manage them?
- Which surgeries and patients have high risk for postoperative atrial fibrillation? Are there ways to prevent postoperative atrial fibrillation? How do I manage postoperative atrial fibrillation?
- How do I diagnose and manage postoperative myocardial ischemia and infarction?
- How important is "troponin leak" postoperatively?
- What special perioperative management is needed for patients with heart failure (systolic heart failure and heart failure with preserved ejection fraction)?

## 8:15 a.m. Understanding Perioperative Fluid Management

John B. Bundrick, M.D.

- What is unique about fluid management perioperatively?
- Which is better-- liberal or restrictive fluid management?
- What type of fluid is optimal?
- How can POC ultrasound be helpful in fluid management?

#### 8:45 a.m. Perioperative Medication Jeopardy

Host: Christopher R. Stephenson, M.D.

- What overarching issues need to be considered for perioperative medication management?
- Test your knowledge of the how to manage common perioperative medications!
- Apply the SPAQI consensus statements to perioperative medication management.

#### 9:30 a.m. Complex Cases in Perioperative Medication Management

Moderator: Richard E. Silbert, M.D.

Panel: Margaret Beliveau, M.D., John B. Bundrick, M.D. and Adam K. Jacob, M.D.

- How should I approach patients with polypharmacy preoperatively and which patients would benefit from pharmacy consultation?
- What are some issues with weight loss drugs perioperatively?
- How should I address patients with recent exposure to immune checkpoint inhibitors?
- What should I recommend to my patients regarding dietary supplements perioperatively?
- How should I approach patients on hormonal therapies?
- 10:15 a.m. Question and Answer Session
- 10:30 a.m. Refreshment Break

#### **Infectious Disease**

## 10:45 a.m. Perioperative COVID-19 Issues

David M. Phelan, M.D.

- What is the best approach for preoperative COVID-19 testing?
- How do I manage a patient who is COVID-19 positive and requires urgent surgery?
- How long should patients wait to have surgery after COVID-19 infection?

## **Rheumatology and Hip Fracture**

#### 11:15 a.m. Perioperative Rheumatology Considerations

Ashima Makol, M.B.B.S.

- How do I manage DMARDS and other rheumatologic medications in patients who require surgery?
- What are the perioperative risks associated with rheumatologic diseases?
- How do I diagnose and manage acute crystalline arthritis in the surgical patient?

#### 11:45 a.m. Perioperative Management of Hip Fractures: Internal Medicine and Orthopedic Surgery Perspectives

#### Karna K. Sundsted, M.D. and Krystin A. Hidden, M.D.

- What are the areas of collaboration and controversy in the management of patients with hip fracture?
- How long do we have for medical optimization of hip fracture patients?
- What are some hip fracture basics that are helpful to the internist?
- 12:15 p.m. Question and Answer Session
- 12:30 p.m. Lunch On Your Own

#### **Pulmonary and Geriatric Topics**

2:00 p.m.	Preoperative Pulmonary Risk Stratification and Risk Reduction Strategies		
	Sandeep R. Pagali, M.D.		
	<ul> <li>Which factors contribute to pulmonary risk in non-cardiac surgery?</li> </ul>		
	• Which pulmonary risk index best predicts postoperative pulmonary complications?		

- When is pulmonary testing recommended preoperatively?
- What measures can be employed to help minimize postoperative pulmonary complications in at-risk patients?

## **2:30 p.m. Postoperative Pulmonary Complications and use of Non-invasive Ventilation** *Miguel T. Teixeira, M.D.*

- What are the most common postoperative pulmonary complications?
- How should I approach a new oxygen requirement postoperatively?
- When should postoperative non-invasive ventilation be considered?
- How can Respiratory Therapy partner in caring for patients with postoperative pulmonary issues?
- What are some respiratory red flags that warrant transfer to the ICU?

#### **3:00 p.m.** Perioperative Care of the Elderly Patient

Margaret Beliveau, M.D.

- How old is too old to consider surgery?
- What are the risk factors and preventive measures for postoperative delirium?
- What diagnostic workup is recommended for patients with suspected postoperative delirium?
- Do DNR orders need to be suspended prior to surgery and if so, when should DNR orders be reinstituted postoperatively?
- **3:30 p.m.** Recognizing and Addressing Frailty Donna Miller, M.D.

- How is the frailty index used to identify patients at risk of postoperative complications?
- Are there preoperative management strategies to address frailty?
- How should frailty be managed in the postoperative period to minimize risk?

4:00 p.m. Question and Answer Session

- 4:15 p.m. Attendee Reception
- 4:45 p.m."Consult Guys" Presentation:<br/>(CME credit will not be provided for this session)<br/>Geno J. Merli, M.D. and Howard H. Weitz, M.D.
- 5:15 p.m. Adjourn

#### FRIDAY, NOVEMBER 17, 2023

## 6:30 a.m. Breakfast with the Professor featuring Thursday's Course Faculty

	Sleep Medicine and Neurology Topics
7:30 a.m.	Management of Documented or Suspected Obstructive Sleep Apnea in Patients Undergoing Noncardiac Surgery TBD
	<ul> <li>What are the consequences of OSA in the perioperative period?</li> <li>What factors increase risk of postoperative complications in patients with OSA?</li> <li>How should patients be screened for OSA?</li> <li>What are the risks of obesity hypoventilation syndrome?</li> <li>Which patients need to be tested prior to surgery to decrease the risk of potential complications?</li> <li>Which patients can be treated as "presumed" OSA and proceed with surgery with additional precautions?</li> <li>Are there guidelines available to help guide management of patients with OSA in the perioperative period?</li> <li>What postoperative monitoring is recommended for patients with suspected or confirmed OSA?</li> </ul>
8:15 a.m. 8:45 a.m.	<ul> <li>Managing Patients with Neurologic Disease in the Perioperative Period Andrea N. Leep Hunderfund, M.D., MHPE</li> <li>How do I manage patients with seizure disorder in the perioperative period?</li> <li>How do I manage patients with Parkinson's disease perioperatively?</li> <li>What do I do if I find an asymptomatic carotid bruit during a preoperative evaluation?</li> <li>How do I determine appropriate timing for elective surgery after ischemic stroke?</li> </ul>
	Venous Thromboembolism Prophylaxis and Anticoagulation Management

**9:00 a.m. DVT/PE Prophylaxis in the Surgical Patient I: The Internist's Perspective** *Geno J. Merli, M.D.* 

	<ul> <li>What are the patient- and surgery-related risk factors for perioperative DVT; what tool should I use to calculate risk?</li> <li>What guideline should I use for DVT prophylaxis in surgical patients?</li> <li>When is extended DVT prophylaxis indicated?</li> <li>How does renal function affect the management of DVT prophylaxis?</li> <li>How do I determine which patients are at increased risk of postoperative bleeding?</li> </ul>
9:30 a.m.	DVT/PE Prophylaxis in the Surgical Patient II: The AAOS Guidelines and the Orthopedist's Perspective
	Krystin A. Hidden, M.D.
	<ul> <li>What concerns do orthopedists have about DVT prophylaxis?</li> </ul>
	<ul> <li>What are the AAOS Guideline recommendations for DVT prophylaxis in orthopedic surgical patients?</li> </ul>
	• When is extended DVT prophylaxis indicated and which agent is best?
10:00 a.m.	Perioperative Management of Direct Oral Anticoagulants Geno J. Merli, M.D.
	<ul> <li>How long should I hold dabigatran, rivaroxaban or apixaban before surgery?</li> <li>Now that some reversal agents are available, should we routinely be using these to expedite DOAC reversal preoperatively in patients who need urgent surgery?</li> </ul>
	<ul><li>When should target specific oral anticoagulants be restarted postoperatively?</li><li>Do patients on target specific oral anticoagulants need to be bridged?</li></ul>
	<ul> <li>How do I manage prolonged DVT prophylaxis in patients who are also taking dabigatran, rivaroxaban, edoxaban or apixaban?</li> </ul>
	<ul> <li>How should we reverse these agents if major bleeding occurs?</li> </ul>
10:30 a.m.	Question and Answer Session
10:45 a.m.	Refreshment Break
11:00 a.m.	<b>Perioperative Management of Anticoagulants (Warfarin): To Bridge or Not to Bridge</b> <i>Matthew Bartlett, M.D.</i>
	Which patients with atrial fibrillation need bridging anticoagulation perioperatively?
	<ul> <li>Which patients with mechanical heart valves need bridging anticoagulation perioperatively?</li> </ul>
	<ul> <li>Can you recommend an approach to anticoagulation dosing and the timing of bridging?</li> </ul>
	<ul> <li>How and when should anticoagulation be restarted after surgery?</li> </ul>
11:30 a.m.	<b>Perioperative Management of the Patient with Kidney Disease</b> Ginny A. Dines, M.D.
	<ul> <li>What perioperative issues do I need to consider for a patient with kidney disease?</li> </ul>
	<ul> <li>How do I manage patients with advanced kidney disease, at risk for requiring perioperative hemodialysis?</li> </ul>
	<ul> <li>What are the key considerations for patients on peritoneal dialysis?</li> </ul>

- How do I prevent acute kidney injury in the perioperative period?
- Which electrolyte abnormalities should delay surgery?
- Are there some key perioperative recommendations for patients who are on the kidney transplant list?

## Friday Finale: Perioperative Update

# **12:15 p.m.** Recently Published Practice Changing Evidence in Perioperative Medicine *Maleka Khambaty, M.D.*

- What are some of the key perioperative publications from the past year?
- How do I apply this recent evidence to my practice?
- What are some of the limitations of the publications?
- 12:45 p.m. Question and Answer Session
- 1:00 p.m. Adjourn

#### SATURDAY, NOVEMBER 18, 2023

6:30 a.m.	Breakfast with the Professor featuring Friday's Course Faculty
	Perioperative Endocrine and Hematology Topics
7:30 a.m.	<ul> <li>Managing the Diabetic Patient in the Perioperative Period</li> <li>Vinaya Simha, M.B.B.S., M.D.</li> <li>Should I be screening for diabetes preoperatively in patients who are at risk?</li> <li>When would I recommend postponing an elective surgical procedure because of poor diabetic control?</li> <li>How should I manage patients on insulin therapy in the perioperative period?</li> <li>How should I manage patients on oral hypoglycemics in the perioperative period?</li> <li>How should I manage patients on insulin pumps in the perioperative period?</li> <li>What is the optimal glycemic control in the postop setting?</li> </ul>
8:15 a.m.	<ul> <li>Common Hematology Issues in the Perioperative Period</li> <li>Rajiv K. Pruthi, M.B.B.S.</li> <li>Which transfusion strategy is best in the perioperative period—conservative or liberal?</li> <li>What should trigger transfusion in the postop period?</li> <li>When is FFP indicated preoperatively?</li> <li>What is the role of platelet transfusion in patients taking antiplatelet agents who need emergent or urgent surgery?</li> <li>How do I diagnose and treat heparin induced thrombocytopenia in the perioperative period?</li> <li>How do I manage non-HIT thrombocytopenia?</li> <li>How do I manage patients with sickle cell disease perioperatively?</li> </ul>
9:00 a.m.	<ul> <li>Perioperative Management of Endocrine Issues: Stress Dose Steroids, Adrenal Insufficiency, Thyroid Disease</li> <li>Vinaya Simha, M.B.B.S., M.D.</li> <li>What issues do I need to consider in patients with hypothyroidism or hyperthyroidism in the perioperative period?</li> <li>Which patients should have thyroid function testing preoperatively?</li> <li>Who is at risk for adrenal insufficiency perioperatively?</li> <li>How do I determine the need for and the dose of stress dose steroids in the surgical patient?</li> <li>Do patients who receive dexamethasone for prevention of nausea and vomiting also need stress dose hydrocortisone as well?</li> </ul>

9:30 a.m.	Question and Answer Session
9:45 a.m.	Refreshment Break
	Gastrointestinal and Nutrition Topics
10:00 a.m.	<ul> <li>Perioperative Management of the Patient with Liver Disease</li> <li>William Sanchez, M.D.</li> <li>How do I approach preoperative risk assessment in a patient with liver disease?</li> <li>What is the VOCAL-PENN Score?</li> <li>Which patients with liver disease may not be good candidates for elective surgery due to significant increase perioperative morbidity and mortality?</li> <li>What are the common postoperative management challenges for patients with advanced liver disease?</li> <li>What do I need to know about managing the transplant patient undergoing non-cardiac surgery?</li> </ul>
10:45 a.m.	<ul> <li>Management of Postoperative Gastrointestinal Complications</li> <li>Arya B. Mohabbat, M.D.</li> <li>How do I prevent and manage postoperative nausea and vomiting?</li> <li>How should I evaluate a patient with postoperative diarrhea?</li> <li>What agents are recommended to prevent stress related mucosal disease in the surgical patient?</li> <li>How do I manage postoperative constipation and postoperative ileus?</li> </ul>
11:15 a.m.	<ul> <li>Perioperative Nutrition Considerations</li> <li>Ryan T. Hurt, M.D., Ph.D.</li> <li>from a preoperative nutrition consultation?</li> <li>What preoperative testing is useful to assess nutritional status?</li> <li>Does optimizing nutrition preoperatively improve outcomes?</li> <li>When should patients receive TPN in the perioperative setting?</li> <li>What can be done postoperatively?</li> </ul>
12:00 p.m.	Question and Answer Session
12:15 p.m.	Adjourn!

► Go to www.irs.gov/FormW9 for instructions and the latest information.

	<ol> <li>Name (as shown on your income tax return). Name is required on this line; do not leave this line blank</li> <li>Mayo Clinic</li> </ol>		
	2 Business name/disregarded entity name, if different from above		
on page 3.	Check appropriate box for federal tax classification of the person whose name is entered on line 1. Cl following seven boxes.     Individual/sole proprietor or C Corporation S Corporation Partnership	<b>4</b> Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3):	
	single-member LLC		Exempt payee code (if any)1
Print or type. c Instructions	Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=Partner <b>Note:</b> Check the appropriate box in the line above for the tax classification of the single-member of LLC if the LLC is classified as a single-member LLC that is disregarded from the owner unless the another LLC that is <b>not</b> disregarded from the owner for U.S. federal tax purposes. Otherwise, a sin is disregarded from the owner should check the appropriate box for the tax classification of its owner the single-member LLC that is disregarded from the owner for U.S. federal tax purposes. Otherwise, a sin is disregarded from the owner should check the appropriate box for the tax classification of its owner the single-member LLC that is disregarded from the owner should check the appropriate box for the tax classification of the single-member LLC that is disregarded from the owner should check the appropriate box for the tax classification of the single-member LLC that is disregarded from the owner should check the appropriate box for the tax classification of the single-member LLC that is disregarded from the owner should check the appropriate box for the tax classification of the single-member LLC that is disregarded from the owner should check the appropriate box for the tax classification of the single-member LLC that is disregarded from the owner should check the appropriate box for the tax classification of the single-member LLC that is disregarded from the owner should check the appropriate box for the tax classification of the single-member LLC that is disregarded from the owner should check the appropriate box for the tax classification of the single-member LLC that is disregarded from the owner should check the appropriate box for the tax classification of the single-member LLC that is disregarded from the owner should check the appropriate box for the tax classification of the single-member LLC that is disregarded from the owner should check the appropriate box for the tax classification of the s	Exemption from FATCA reporting code (if any)A	
P Specific	✓ Other (see instructions) ► 501 (c) (3) tax-exempt nonprofit corporat		(Applies to accounts maintained outside the U.S.)
	5 Address (number, street, and apt. or suite no.) See instructions.	Requester's name a	and address (optional)
See	200 First Street SW	_	
	6 City, state, and ZIP code		
	Rochester, MN 55905		
	7 List account number(s) here (optional)		
Par	t I Taxpayer Identification Number (TIN)		
	your TIN in the appropriate box. The TIN provided must match the name given on line 1 to a	Volu	curity number
eside	p withholding. For individuals, this is generally your social security number (SSN). However, ant alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other s, it is your employer identification number (EIN). If you do not have a number, see <i>How to g</i>		

Note: If the account is in more than one name, see the instructions for line 1. Also see What Name and Number To Give the Requester for guidelines on whose number to enter.

#### Part II Certification

TIN. later.

Under penalties of perjury, I certify that:

- 1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
- 2. I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
- 3. I am a U.S. citizen or other U.S. person (defined below); and

4. The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

**Certification instructions.** You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.

Sign	Signature of
Here	U.S. person ► Katy Domaille

## **General Instructions**

Section references are to the Internal Revenue Code unless otherwise noted.

**Future developments**. For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to *www.irs.gov/FormW9*.

## Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following.

• Form 1099-INT (interest earned or paid)

Date ► 01/02/2023

- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)

or

4

Employer identification number

6

0

7

0

2

- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)
- Form 1098 (home mortgage interest), 1098-E (student loan interest),
- 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)
- Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding, later.