

Mayo Clinic 11th Annual Neuro and Intensive Care: Review, Workshops, and Controversies 2025

Program Schedule

Wednesday, May 21, 2025

Multi-Professional/Allied Health Day

Moderators: Suzanne Brown, BSN, RN, CNRN, SCRN, Christy Collins, DNP, APRN, Amanda Tomlinson, APRN,

Jodi Hellickson, MS, APRN, CNS, Cathy Mielke, MS, APRN, CNS, Layton White Jr, PA-C

12:30 p.m.

Registration / Light Hors d'oeuvres & Exhibits (Ritz-Carlton Ballroom 5 & 6)

1:00

Keynote Speaker: (Ritz-Carlton Ballroom 5 & 6)

"If you build it, will they come? Future Directions for Implementing Research into Neurocritical Care Practice"

Molly McNett, Ph.D., R.N., CNRN, FNCS, FAAN

2:30

Q&A

2:45

Break

3:00

Neuro-Oncologic Emergencies

Elizabeth Mutz, DNP APRN

**This presentation is eligible for ACPE credit*

3:30

Palliative Medicine and Its Role in Critical Care

Zaheera Lukman, D.O.

**This presentation is eligible for ACPE credit*

4:00

Cardiac Device and Concern of Neurological Complications

Breah L. Paciotti, P.A.-C, MPH

4:30

Pharmacogenomics: Another Tool in the Neuro ICU Toolbox

Daniel A. Jackson, Pharm.D., R.Ph.

**This presentation is eligible for ACPE credit*

5:00

Panel Q&A

5:15

Electronic (e-) Allied Health Poster Presentations with Distinguished Presentations

Thursday, May 22, 2025

Fundamentals of Neurocritical Care Day

Moderator: W. David Freeman, M.D

7:00 a.m.

Registration / Continental Breakfast & Exhibit Hall (Tuscany)

7:30

Welcome, Introduction, and Pretest (Tuscany D & E)

- W. David Freeman, M.D.

7:45

Neurocritical Care 2025: Yesterday's Sci-Fi, Today's Breakthroughs

- W. David Freeman, M.D.

**This presentation is eligible for ACPE credit*

8:15

Traumatic Brain Injury and Neurocritical Care Management: Challenging Cases

Kristine O'Phelan, M.D.

This presentation is eligible for ACPE credit

8:45

Master Class: Decisions, Decisions, Decisions

Eelco Wijdicks, M.D., Ph.D.

9:15

Panel Q&A

9:30

Break / Exhibit Hall (Tuscany Foyer)

9:45

Critical Care Keynote: eCPR: The Future of Resuscitation or a Risky Gamble? (V)

Pablo Moreno Franco, M.D.

**This presentation is eligible for ACPE credit*

10:15

Q&A

10:30

Break / Exhibit Hall (Tuscany Foyer)

11:00

Practical Neuroradiology in the ICU

Sukhwinder (Johnny) S. Sandhu, M.D.

11:30

Q&A

11:45

Break / Exhibit Hall (Tuscany Foyer)

12:00 p.m.

Lunch and Learn

Neuro Critical Care Interactive (N.C.C.I.)

Mohammed Badi, MBBS, Mutaz Ombada, MBBS; Aaron Skolnik, M.D., Ashley Rogers, M.D.; Alejandro Rabinstein, M.D.; (V) Sukhwinder (Johnny) S. Sandhu, M.D.; Selby Chen, M.D.

**This presentation is eligible for ACPE credit*

1:15

Mixed Reality Training for Stroke and Neuro Critical Care

Giselle Coelho, M.D., Ph.D.

1:35

Update in Aneurysmal Subarachnoid Hemorrhage

Alejandro Rabinstein, M.D.

**This presentation is eligible for ACPE credit*

2:20

Q&A

2:30

Break / Exhibit Hall (Tuscany Foyer)

2:40 - 3:15-

Moderators: W. David Freeman, M.D.; Alejandro Rabinstein, M.D.; (V) and Sukhwinder (Johnny) S. Sandhu, M.D.

Electronic (e-) Poster Presentations (Tuscany D - E)

3:30

Optional Interactive Neuro and Critical Care Procedural Workshops (Tuscan Salons)

1.) Critical Care Procedures - Philip Lowman, M.D.; Levi Howard, D.O.; Christan Santos, APRN, D.N.P.; Joshua Propst PA-C.; Quintin Quinones, M.D., Ph.D., Leslie Simon D.O., Nader Amini, M.D., Mohamad Chymmasni (Tuscany Salon A)

- a. CVC, arterial line, intubation/airway, bronchoscopy, tracheostomy

2.) Neuro/neurosurgical Procedures: Saif Salman, M.B.B.S. (Tuscany Salon B)

- a. EVD and CSF irrigation Techniques - Nick Brandmeir, M.D., Saif Salman, M.D.

- b. Neurosurgical Training using realistic simulators: Giselle Coelho, M.D., Ph.D., Amra Sakusic, M.D., Ph.D., Saif Salman, M.D.

3.) Prehospital Emergency Stabilization: VR Haptics Thoracostomy, Hemorrhage, and Escharotomy:

Madison Quinn, Justin Welzien, Joshua Losch, Aaron Skolnik, M.D. (Tuscany Salon C)

4.) Ventilator workshop - Jeffrey Garland, M.D., Joseph Shiber, M.D. Matt Hendrickson R.T (Tuscany Salon G)

3:30

Pharmacotherapy Workshop (Tuscany Salon D - E)

Pharmacotherapy Workshop Moderators: Mikaela M. Hofer, PharmD, RPh, BCPS, BCCP, Daniel A. Jackson, Pharm.D., R.Ph., Alejandro A. Rabinstein, M.D. (V)

1.) Anticoagulation Pearls for Neurology Critical Care: Selection of Appropriate Anticoagulation Post-Stroke

Nick Vollmer, Pharm.D., R.Ph., BCCP3.)

2.) Reversal of Anticoagulation in Intracranial Emergencies

Matthew W. Soto-Arenall, Pharm.D., R.Ph., MS, BCPS AQ Cards, BCACP, CACP, BCCCP

3.) Osmolar Therapy

Daniel A. Jackson, Pharm.D., R.Ph.

4.) Antiepileptic Medications

Mikaela M. Hofer, PharmD, RPh, BCPS, BCCCP

**This presentation is eligible for ACPE credit*

3:30

Moderators: Brin Freund, M.D., Nidhi Kapoor, M.D., Badria Munir, M.B.B.S.

ICU EEG Workshop and Case-Based Debates (Tuscany Salon F)

5:30

Adjourn / Exhibit Hall

Friday, May 23, 2025

Acute Management, Surgical and Evidence-Based Updates

Moderator: W. David Freeman, M.D

7:00 a.m.

Registration / Continental Breakfast & Exhibit Hall (Tuscany Foyer)

7:30

Welcome, Opening Remarks (Tuscany D - E)

7:45

Transforming Critical Care Keynote: Brain-Injury and Inflammation

Thomas Bleck, M.D.

This presentation is eligible for ACPE credit

8:15

CODE ICH: A Call to Action

W David Freeman, M.D.

**This presentation is eligible for ACPE credit*

8:45

Revolutionizing Neurologic Care: The Therapeutic Potential of Active CSF Exchange

Nicholas Brandmeir, M.D.

**This presentation is eligible for ACPE credit*

9:15

Neuroimaging Review: ABC's of Hemorrhage Volumetrics

Johnny Sandhu, M.D., and Dinesh Rao, M.D.

9:45

Panel Question and Answer

10:00

Break / Exhibit Hall (Tuscany Foyer)

10:15

Neuromuscular Emergencies: A Practical Approach

Chris Kramer, M.D.

10:45

Update on Coma & Disorders of Consciousness

J Brent Peel, M.D.

**This presentation is eligible for ACPE credit*

11:15

A Practical and Case-Based Approach to Encephalopathic ICU Patients

Alejandro Rabinstein, M.D. (V)

**This presentation is eligible for ACPE credit*

11:45

Q&A

12:00

Break / Exhibit Hall (Tuscany Foyer)

12:15 p.m.

Moderator: A. Rabinstein, M.D.

Lunch & Learn: Case-Based Diagnosis and Treatment of Neuroimmunologic Disorders in the ICU and Update on the NIH ExTINGUISH Trial (Anti-NMDAR Encephalitis)

Speakers: Alfonso (Sebastian) S. Lopez Chiriboga, M.D., Gregory (Gregg) S. Day, M.D.

**This presentation is eligible for ACPE credit*

1:00

Q&A

1:10

Break / Exhibit Hall (Tuscany Foyer)

1:15

Moderator: Rohan Sharma, M.D.

Cross-Fire 1: Complex Ethical Situations and Cases: DNR vs Do Everything vs Self Fulfilling Prophecies

Kimm McPhearson, D.O., Thomas Bleck, M.D.

2:00

Moderator: Rohan Sharma, M.D.

Cross-Fire 2: Pearls, Pitfalls, and Practicalities in Neurocritical Care (Panelists)

Keith Dombrowski, M.D., Khalid Hanafy, M.D., Ph.D.(V), Marc Babi., M.D. Ph.D., J Brent Peel, M.D.

2:30

Q&A

2:45

Neuro/neurosurgical Procedure Workshop: EVD and Bolt Placement (manikins) (Tuscany A)

Saif Salman, Vin Shen Ban, M.B.B.S., Giselle Coelho, M.D., Ph.D., John E Cebak, D.O., Ph.D., Selby Chen, M.D.

3:15

Q&A

3:30

Break / Exhibit Hall (Tuscany Foyer)

4:00

Electronic Lightening ePosters #2 (Tuscany Salon D - E)

5:00

Adjourn

6:00 - 8:00 p.m.

Reception at Bleu

(Heavy Hors d'oeuvres and Cash Bar)

Saturday, May 24, 2025

Neuro Emergencies

Moderator: W. David Freeman, M.D

7:30 a.m.

Registration / Continental Breakfast & Exhibit Hall (Tuscany Foyer)

7:45 a.m.

Welcome, Opening Remarks (Tuscany Salon D - E)

Amanda Tomlinson ARNP. D.N.P.

7:50 - 12:00 p.m.

Rapid Approaches to the Declining Neuro Patient - A combined partnership with Emergency Medicine and Critical Care

ABC'S Airway Breathing Circulation and Sedation: Charles Graham, M.D.

Approach to the Patient with Coma: Courtney James, M.D.

Stroke Review: Acute Ischemic: Wendy Camp, PA-C

Stroke Review: Intracerebral Hemorrhage: A. Layton White, PA-C

Stroke Review: Subarachnoid Hemorrhage: W. Dave Freeman, M.D.

Intracranial Hypertension, Pressure Monitoring, and Complications: Jesse St Clair, M.D.

Is it still Cool to Cool? Reviewing Post Cardiac Arrest Care: Morgan Zegers, D.O.

Acute Seizure Management: Ashley (Rogers) Lorimer, M.D.

Review: Meningitis and Encephalitis Overview: Michael Mohseni, M.D.

Roundtable Discussion

Faculty: Charles Graham, M.D., Michael Mohseni, M.D., Amanda Tomlinson, DNP, APRN, Ashley (Rogers) Lorimer, M.D., Courtney L James M.D., Jesse St Clair IV, M.D., A. Layton White PA-C, Wendy Camp, PA-C, Dr. Morgan Zegers D.O.