



September 6, 2016

Dear Exhibitor

On behalf of course director W. David Freeman, M.D.; Alejandro A. Rabinstein, M.D.; and Eelco F. Wijdicks, M.D., Ph.D., we hope you will consider a display opportunity at our ***Mayo Clinic Neuro and Intensive Care: Review and Hands-on Workshop*** held **May 4-6, 2017**. We expect around 100 Medical providers from a broad array of disciplines including Emergency Medicine, Neurology, Neurosurgery, intensivists from Pulmonary, Anesthesia, and neuro-Intensive care backgrounds as well as ARNP/PA, paramedics/EMS medical personnel, and allied health providers including physical, occupational, and speech therapists who care for patients with these neurological emergencies, or in a NeuroICU or ICU.

Display fees are \$2,000 for the full three day course. Space is limited and table assignments will be made on a first come, first served basis based on the date the signed exhibit agreement letter is received in our office.

Mayo Clinic, an integrated, not-for-profit group practice, is committed to meeting its responsibility as a national medical education resource and is accredited by the Accreditation Council for Continuing Medical Education.

Our programs provide valuable information on unmet needs to the medical community. We sincerely appreciate your consideration and hope you will take the opportunity to join us for a truly unique educational program.

Sincerely,

Denise Klarich
Education Administration Coordinator

Make checks payable to:
Mayo Clinic
Attn: Denise Klarich/2017J561
4500 San Pablo Road
Stabile 790N
Jacksonville, FL 32224
Tax ID: 59-3337028



Mayo School of Continuous Professional Development

Activity Title	Neuro and Intensive Critical Care: Review and Hands-on Workshops 2016
Activity Number	2017J561
Location	Four Seasons, Orlando, Florida
Dates	May 4-6, 2017

Agreement between: ACCREDITED PROVIDER: Mayo Clinic College of Medicine – Mayo School of CPD AND:

Commercial Company (Exhibitor)	
Name of Person(s) Exhibiting – <i>maximum of two representatives allowed per exhibit</i>	
Address	
Telephone	
Fax	
Email	
The named exhibitor wishes to exhibit at the above named activity for the amount of	\$2,000

TERMS AND CONDITIONS

- EXHIBITOR agrees to abide by ACCME Standards for Commercial Support as stated at www.accme.org: SCS 4.2: “Product-promotion material or product-specific advertisement of any type is prohibited in or during CME activities. The juxtaposition of editorial and advertising material on the same products or subjects must be avoided. Live (staffed exhibits, presentations) or enduring (printed or electronic advertisements) promotional activities must be kept separate from CME.” “Live, face-to-face CME, advertisements and promotional materials cannot be displayed or distributed in the educational space immediately before, during or after a CME activity. **Providers cannot allow representatives of Commercial Interests to engage in sales or promotional activities while in the space or in the place of the CME activity.**”
- EXHIBITOR may only distribute educational promotional materials at their exhibit space. Distribution of non-educational items (pens, notepads, etc.), pharmaceuticals or product samples is prohibited.
- All commercial support associated with this activity will be given with the full knowledge of the PROVIDER. No additional payments, goods, services or events will be provided to the course director(s), planning committee members, faculty, joint provider, or any other party involved with the activity.
- Completion of this agreement represents a commitment and payment is due and collectible by the ACTIVITY DATE unless otherwise agreed upon by the PROVIDER. PROVIDER reserves the right to refuse exhibit space to EXHIBITOR in the event of nonpayment or Code of Conduct violation.
- PROVIDER agrees to provide exhibit space and may acknowledge EXHIBITOR in activity announcements. PROVIDER reserves the right to assign exhibit space or relocate exhibits at its discretion.
- EXHIBITOR may place a formal inquiry about potential sales of products within the exhibit. MSCPD holds the right to provide an exemption based decision on product sales.
- PROVIDER **Federal Tax ID number is 59-3337028.**
Please remit check payable to: Mayo Clinic- Mayo School of CPD. Please identify name of course on the check stub.

Payment Information

Please indicate your method of payment:

<input type="checkbox"/> Check	<input type="checkbox"/> Credit Card
Make payable to: Mayo Clinic Attn: Denise Klarich, 790N Stabile 4500 San Pablo Rd South Jacksonville, FL 32224 Please identify 2017J561 on the check.	Call the Mayo Clinic Registrar at 800-462-9633 <i>Do not send credit card information via email or fax.</i>

NOTE: There may be additional charges depending on the meeting location (power, internet access, etc).
 Please list additional requests here:

Exhibitor Representative	Name	Signature
Mayo Clinic Representative	Name	Signature

Request for Taxpayer Identification Number and Certification

**Give Form to the
 requester. Do not
 send to the IRS.**

Print or type See Specific Instructions on page 2.	1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank. Mayo Clinic Jacksonville		
	2 Business name/disregarded entity name, if different from above		
	3 Check appropriate box for federal tax classification; check only one of the following seven boxes: <input type="checkbox"/> Individual/sole proprietor or single-member LLC <input type="checkbox"/> Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=partnership) ▶ _____ Note. For a single-member LLC that is disregarded, do not check LLC; check the appropriate box in the line above for the tax classification of the single-member owner. <input checked="" type="checkbox"/> Other (see instructions) ▶ 501 (c) (3) tax-exempt nonprofit corporation		4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3): Exempt payee code (if any) 1 Exemption from FATCA reporting code (if any) A <i>(Applies to accounts maintained outside the U.S.)</i>
	5 Address (number, street, and apt. or suite no.) 4500 San Pablo Road		Requester's name and address (optional)
	6 City, state, and ZIP code Jacksonville, FL 32224		
	7 List account number(s) here (optional)		

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the Part I instructions on page 3. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN* on page 3.

Note. If the account is in more than one name, see the instructions for line 1 and the chart on page 4 for guidelines on whose number to enter.

Social security number	
[] [] [] - [] [] - [] [] [] []	or
Employer identification number	
5 9 - 3 3 3 7 0 2 8	

Part II Certification

Under penalties of perjury, I certify that:

- 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
- 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
- I am a U.S. citizen or other U.S. person (defined below); and
- 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 on page 3.

Sign Here	Signature of U.S. person ▶	Date ▶ 1/4/2016
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General Instructions

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

Future developments. Information about developments affecting Form W-9 (such as legislation enacted after we release it) is at www.irs.gov/fw9.

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)
- 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)
- 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? on page 2.

By signing the filled-out form, you:

- Certify that the TIN you are giving is correct (or you are waiting for a number to be issued),
- Certify that you are not subject to backup withholding, or
- Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income, and
- Certify that FATCA code(s) entered on this form (if any) indicating that you are exempt from the FATCA reporting, is correct. See *What is FATCA reporting?* on page 2 for further information.

Neuro and Intensive Care: Review and Hands-on Workshops 2017
Four Seasons--, Orlando, FL
May 4-7, 2017

Thursday, May 4, 2017	
Fundamentals of Neurocritical Care Day	
7:00 a.m.	Registration, Continental Breakfast and Exhibit Hall
Meeting Room:	Moderator: <i>Alejandro A. Rabinstein, M.D.</i>
7:30	Cerebral Physiology- Intracranial Pressure, Cerebral Perfusion Pressure and Auto regulation <i>W. David Freeman, M.D.</i>
8:00	Disorders of Consciousness <i>Alejandro A. Rabinstein, M.D.</i>
8:30	Utility of Cardiothoracic Ultrasound in NeuroICU Patients <i>José L. Díaz-Gómez, M.D.</i>
9:00	Neuro-Ophthalmology Pearls for the Neuro ICU <i>Paul W. Brazis, M.D.</i>
9:30	Keynote: Critical Illness Acquired Weakness <i>Charles F. Bolton, M.D.</i>
10:00	Panel Q&A/Break
Workshops – Additional Fee	
Meeting Room:	
10:15-12:15 p.m.	Central Line Workshop #1 (cap 10, 4 stations) additional fee \$150 <i>Philip E. Lowman, M.D., Lauren Ng, M.D., Josh Propst, P.A.-C.,</i>
10:15-12:15	Ultrasound Critical Care: Heart, Lung, Abdomen (cap 10) additional fee \$150 <i>José L. Díaz-Gómez, M.D. and Aarti Sarwal M.D. split groups into 2 stations (Cardiac, and Thoracoabdominal)</i>
12:15-1:15	Lunch - Exhibit Hall
Meeting Room:	Workshops Continued
1:15-3:15	Central Line Workshop #2 (with Ultrasound)(cap 10, 4 stations) additional fee \$150 <i>Philip E. Lowman, M.D., Lauren Ng, M.D., Josh Propst, P.A.-C.,</i>
1:15-3:15	Ventilator Workshop (open, no limit) <i>Jeffrey L. Garland, M.D., Joseph R. Shiber, M.D., Karen W. Hampton, R.R.T.</i>
1:15-3:15	TeleNeuroICU and eICU Models Workshop (open, no limit, no additional fee) <i>Bart M. Demaerschalk, M.D.</i>
3:15 p.m.	Adjourn/Exhibit Hall Refreshments

Program schedule is subject to change without notice

Neuro and Intensive Care: Review and Hands-on Workshops 2017

Four Seasons--, Orlando, FL

May 4-7, 2017

Friday, May 5, 2017

Acute Management and Evidence-Based Updates

7:00 a.m.	Continental Breakfast and Exhibit Hall
Meeting Room:	
	Moderator: Eelco F. Wijdicks, M.D., Ph.D.
7:30	Difficult Decisions in Management ICH <i>Eelco F. Wijdicks, M.D., Ph.D.</i>
8:00	Update in Stroke Interventional Trials: Where are We Now? <i>Thabele M. Leslie-Mazwi, M.D.</i>
8:30	Decompressive Craniectomy for Malignant Cerebral Edema <i>Eelco F. Wijdicks, M.D., Ph.D.</i>
9:00	The Role of Palliative Care in the NeuroICU <i>Maria I. Lapid, M.D.</i>
9:30	Acute Brain Tumor Management-Postoperative Care and Future Therapies <i>Alfredo Quinones-Hinohosa, M.D.</i>
10:00-10:15	Q&A, Break and Refreshments in Exhibit Hall
	Workshops – Additional Fee
Meeting Room:	
10:15-12:15 p.m.	Tracheostomy/Airway Simulation #1 (cap 20, 4 stations) additional fee \$150 <i>Philip Lowman, M.D., Josh Propst, P.A.-C., Pulmonary Fellow, Karen W. Hampton R.R.T.</i>
10:15-12:15	Transcranial Doppler and Optic Nerve Sheath Diameter (cap 20) additional fee \$150 <i>Laxmi Dhakal, M.B.B.S., Mark N. Rubin, M.D., Michael A. Pizzi, D.O., Ph.D., and Kevin M. Barrett, M.D., MSc</i>
10:15-12:15	Intracranial Monitoring Workshop (cap 20) additional fee \$150 <i>Benjamin L. Brown M.D., William E. Clifton, III, M.D., Charles R. Watts, M.D., Ph.D., Neurovascular Fellow, Kelly Gassie, M.D.</i>
12:15-1:15	Lunch in Exhibit hall
Meeting Room:	Workshops Continued
1:15 - 3:15	Tracheostomy/Airway Simulation #2 (cap 20, 4 stations) additional fee \$150 <i>Philip E. Lowman, M.D., Josh Propst, P.A.-C., Pulmonary Fellow, Karen W. Hampton R.R.T.</i>
3:15-4:00	Electronic Posters, Challenging Cases, and Medical Art
4:00-6:00 p.m.	Reception on the Lawn
	Adjourn

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Neuro and Intensive Care: Review and Hands-on Workshops 2017
Four Seasons--, Orlando, FL
May 4-7, 2017

Advanced & Neuro ICU Topics Saturday, May 6, 2017 General Session	
Meeting Room:	
	Moderator: W. David Freeman, M.D.
7:00	Continental Breakfast and Exhibit Hall
7:30	Update in Traumatic Brain and Spinal Cord Injury Guidelines <i>Maya A. Babu, M.D.</i>
8:00	Afferentation Theory of Cerebral Arousal <i>William L. Lanier, M.D.</i>
8:30	Cerebral Metabolism (CMRO2) and CMRO-CBF Coupling <i>Jeffrey J. Pasternak, M.D.</i>
9:00	Big Data & Informatics in the ICU <i>Soojin Park, M.D.</i>
9:30	Q&A and Post-Test
10:00	Break/Refreshments in the Exhibit Hall
Workshops – Additional Fee	
Meeting Room:	
10:15am- 12:15pm	
10:15-12:15 p.m.	ICU EEG & Status Epilepticus & Super Refractory Status Cases (open, no limit, no additional fee) <i>William Tatum, D.O., Brad Kolls, M.D., Ph.D., MMCi, Leslie A. Rudzinski, M.D. and Sara E. Hocker M.D.</i>
10:15-12:15	Hypothermia & Targeted Temperature Management (TTM) Protocols (open, no limit, no additional fee) <i>Christopher L. Kramer, M.D., Fellow, Jason L. Siegel, M.D., Alejandro A. Rabinstein, M.D. and Tyler F. Vadeboncoeur, M.D.</i>
10:15-12:15	eCPR/ECMO and Neurological additional fee \$150 <i>Pramod K. Guru, M.B.B.S., Robert A. Ratzlaff, D.O., Joseph R. Shiber, M.D., and Romergryko G. Geocadin, M.D.</i>
12:15 p.m.	Adjourn - Lunch on your Own

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Neuro and Intensive Care: Review and Hands-on Workshops 2017
Four Seasons--, Orlando, FL
May 4-7, 2017

Saturday, May 6, 2017 - Allied Health Session	
6:30 a.m.	Continental Breakfast and Exhibit Hall
Meeting Room:	
	Moderators: <i>Christina C. Smith, A.R.N.P., Suzanne M. Brown, B.S.N., C.N.R.N., S.C.R.N. and Lesia H. Mooney, M.S.N., R.N., A.C.N.S.-B.C., C.N.R.N., S.C.R.N.</i>
7:00	Reversal Agents for Antithrombotic Intracranial Bleeding Emergencies: Data, Dosing and Comparative Efficacy <i>Daniel A. Jackson, Pharm.D., BCPS</i>
7:40	Neuroanatomy and Localization <i>William E. Clifton, III, M.D.</i>
8:20	Q&A
8:30	Break/Exhibitor Hall
8:40	Neurological Examination Fundamentals for A.R.N.P./P.A. <i>Kevin M. Barrett, M.D., MSc</i>
9:40	Q&A/Break
<i>Workshops- see above 10:15-12:15pm</i>	
12:15 p.m.	Adjourn - Lunch on your own

Program schedule is subject to change without notice

Neuro and Intensive Care: Review and Hands-on Workshops 2017

Four Seasons--, Orlando, FL

May 4-7, 2017

Sunday, May 7, 2017

**Post-course: Emergency Neurological Life Support (ENLS) Certification Course-
Care in the First Hour**

Directors:

W David Freeman, M.D., Leslie V. Simon, D.O., Sarah H. Peacock, A.R.N.P.

7:00 a.m.	Registration and Continental Breakfast
Meeting Room:	
8:00	Introduction and Welcome Moderator: <i>W. David Freeman, M.D.</i>
8:05	Getting registered and set up to ENLS website <i>W. David Freeman, M.D.</i>
8:20	Airway, Ventilation and Sedation <i>Leslie V. Simon, D.O.</i>
8:40	Approach to the Comatose Patient <i>Margaret M. Margretta, A.R.N.P.</i>
9:00	Elevated ICP and Herniation <i>W. David Freeman, M.D.</i>
9:20	Acute NonTraumatic Weakness <i>W. David Freeman, M.D.</i>
9:40	Intracerebral Hemorrhage <i>Amanda D. Tomlinson, A.R.N.P.</i>
10:00	Break and Self-time for 10 Question Modules
10:20	Ischemic Stroke <i>Kevin M. Barrett, M.D., MSc</i>
10:40	Meningitis/Encephalitis <i>Diane McLaughlin, A.R.N.P.</i>
11:00	Resuscitation following Cardiac Arrest <i>Amanda Tomlinson, A.R.N.P.</i>
11:20	Spinal Cord Compression <i>Sarah H. Peacock, A.R.N.P.</i>
11:40	Pharmacotherapy <i>Michael A. Pizzi, D.O., Ph.D.</i>
12:00-1:00 p.m.	Lunch and time to work on 10 question modules
1:00	Status Epilepticus - <i>Michael A. Pizzi D.O., Ph.D.</i>
1:20	Subarachnoid Hemorrhage - <i>Alejandro A. Rabinstein, M.D.</i>
1:40	Traumatic Brain Injury - <i>Michael A. Pizzi D.O., Ph.D.</i>
2:20	Traumatic Spinal Cord Injury – <i>Michael A. Pizzi D.O., Ph.D.</i>
2:40-6:00 p.m.	Questions and Answers/Online Examination/Adjourn

Note: Attendees of ENLS are encouraged to bring a laptop and/or iPad/Tablet with internet or WiFi access since access to the materials is provided via the Neurocritical Care Society online.

Program schedule is subject to change without notice

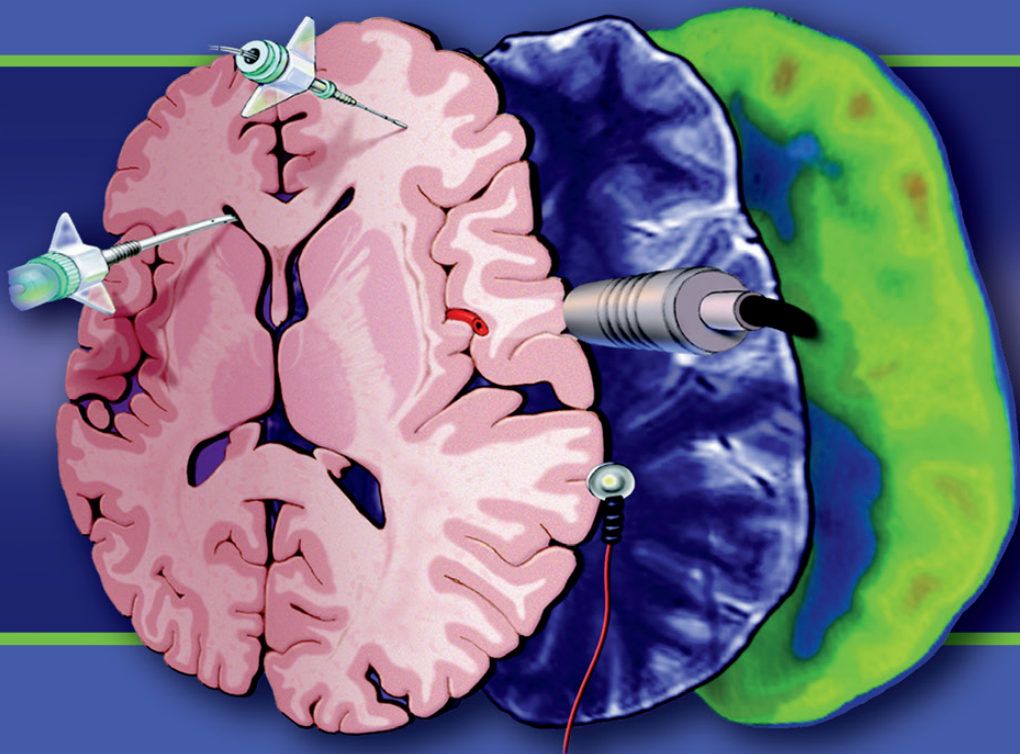


NEW THIS YEAR!
Endorsed by
Neurocritical Care Society
Emergency Neurological Life Support
(ENLS)

3rd Annual

Neuro and Intensive Care: Review and Hands-on Workshops

Mayo Clinic School of Continuous Professional Development



May 4-7, 2017

Four Seasons Resort Orlando
at Walt Disney World®
Orlando, FL



REGISTER NOW!

Registration and additional course information can be found on our course website: ce.mayo.edu/node/21662

Course Directors

W. David Freeman, M.D.
Alejandro A. Rabinstein, M.D.
Elco F. Wijdicks, M.D., Ph.D.

Co-Course Directors

Suzanne M. Brown, BSN, RN, CNRN, SCRN
Daniel A. Jackson, Pharm.D., BCPS
Lesia H. Mooney, MSN, RN, ACNS-BC,
CNRN, SCRN
Christina C. Smith, A.R.N.P.

COURSE DESCRIPTION

This course is designed for medical providers who care for patients with neurological emergencies, acute stroke and brain hemorrhage, acute brain injury, coma and disorders that require hospital, Emergency Department and Intensive Care Unit (ICU) evaluation. The course will provide a mixture of didactic, case-based and evidence based guideline review, as well as hands-on workshops. These hands-on workshops include central line placement, critical care ultrasound including Focus exam, focused cardiac and lung ultrasound, transcranial Doppler ultrasound, intracranial ICP monitor and ventriculostomy placement, hypothermia and targeted temperature management (TTM), mechanical ventilation, multimodal monitoring and ECMO workshops.

COURSE LEARNING OBJECTIVES

Upon conclusion of this program, participants should be able to:

- Define common neurological and neurosurgical emergencies such as stroke, seizures, respiratory failure, as well as provide updates in best practice for these topics
- Review diagnosis of neurocritical care conditions and diseases, as well as pathophysiologic management of these conditions
- Outline strategies for best practice and evidence-based medicine updates for medical providers caring for patients with neurological critical care and neurosurgical ICU disorders

Attendance at this Mayo Clinic course does not indicate nor guarantee competence or proficiency in the performance of any procedures which may be discussed or taught in this course.

INTENDED AUDIENCE

This course is designed for medical providers from a broad array of disciplines including Emergency Medicine, Neurology, Neurosurgery, Pulmonary Medicine, Anesthesia, and Neuro Intensive Care. In addition, ARNP/PA, paramedics/EMS medical personnel, and allied health providers including physical, occupational and speech therapists who care for patients with neurological emergencies, or patients in a Neuro ICU or ICU are encouraged to attend.

CREDIT

Mayo Clinic College of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Mayo Clinic College of Medicine designates this live activity for a maximum of 18.75 *AMA PRA Category 1 Credits*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

AOA

This program has been accredited by the American Osteopathic Association for 18.75 credits of AOA Category 2-A.

Other Health Care Professionals

A certificate of attendance will be provided to other health care professionals for requesting credits in accordance with state nursing boards, specialty societies, or other professional associations.

GRANTS AND EXHIBITS

At the time of this printing, a complete listing of commercial supporters (financial or in-kind) was not available. Appropriate acknowledgment will be given to all supporters at the time of the meeting. Exhibits will be available for viewing at all scheduled breaks.

REGISTRATION

To register, visit ce.mayo.edu/node/21662. The registration fee includes tuition, comprehensive electronic course syllabus, continental breakfasts, lunch and break refreshments. Although it is not Mayo Clinic School of Continuous Professional Development (CPD) policy to limit the number of registrants for a course, conference room facilities may necessitate closing of enrollment; therefore, early registration is advised. A letter of confirmation will be sent upon receipt of payment and completed registration form.

REGISTRATION FEES	On or before 4/3/17	After 4/3/17
Physicians and Scientists	\$750	\$850
ARNP's & PA's	\$400	\$500
Residents, Fellows, RN's, Allied Health and Retirees	\$375	\$375
Additional Workshops	\$150 each	\$150 each
ENLS: Physicians and Scientists	\$400	\$500
ENLS: ARNP/PA, RN, Allied Health, Residents and Fellows	\$200	\$300

CANCELLATION POLICY

If you cancel your participation in this course, your registration fee, less a \$75 administrative fee, will be refunded when written notification is received by Mayo Clinic School of CPD on or before April 22, 2017 to cme-jax@mayo.edu. No refunds will be made after April 22, 2017. Canceled registrations are non-transferable.

Mayo Clinic School of CPD reserves the right to cancel or postpone any course due to unforeseen circumstances. In the unlikely event Mayo Clinic School of CPD must cancel or postpone this course, Mayo Clinic School of CPD will refund the registration fee, but is not responsible for any related costs, charges or expenses to participants, including fees assessed by airline/travel/lodging agencies.

For additional information, contact:
Mayo Clinic School of Continuous Professional
Development
Website: ce.mayo.edu
E-mail: cme-jax@mayo.edu
Phone: 800-462-9633

TRAVEL AND LODGING ACCOMODATIONS

Four Seasons Resort Orlando
at Walt Disney World®
10100 Dream Tree Boulevard
Buena Vista, FL 32836
407-313-7777

Guest rooms, single/double occupancy are reserved for attendees and their guests at the group rate of \$289 per night, plus tax. When calling to make a reservation, identify yourself as a participant of the Mayo Clinic Neuro and Intensive Care: Review and Hands-on Workshops 2017. All guests receive complimentary guest room basic wireless internet and a waived resort fee.

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.

MAYO CLINIC AND NEUROCRITICAL CARE SOCIETY EMERGENCY NEUROLOGICAL LIFE SUPPORT (ENLS)

This course will provide attendees with an overview of 14 neurological emergencies, including acute ischemic stroke, intracerebral hemorrhage, subarachnoid hemorrhage, meningitis/encephalitis, coma after cardiac arrest and spinal cord injury. The course is designed for a broad group of providers, including emergency medical service paramedics, nurses, residents, fellows, primary care physicians, and physicians specializing in emergency medicine, intensive care, infectious diseases, neurology, and neurosurgery. Attendees are encouraged to bring laptops or tablets to take emergency neurological life support (ENLS) online quizzes. Attendees who pass the quizzes will receive an ENLS certificate from the Neurocritical Care Society.

ABSTRACTS

An electronic poster session for presentation of original research dedicated to the field of Neuro Critical Care will be held at the meeting. Submitted abstracts may include proposed society guidelines, ongoing randomized trials in neuro critical care, outcome studies, quality improvement or practice innovations and medical poems, artwork, and interesting case reports. Posters will be peer-reviewed. At least one of the authors must register and attend the conference. Details regarding the abstract submission process can be found at: <https://ce.mayo.edu/node/21662>.

FACULTY

Mayo Clinic Faculty

Maya A. Babu, M.D.
Kevin M. Barrett, M.D., MSc
Paul W. Brazis, M.D.
Benjamin L. Brown, M.D.
*Suzanne M. Brown, BSN, R.N.,
CNRN, SCRNP*
William E. Clifton, III, M.D.
Bart M. Demaerschalk, M.D.
José L. Díaz-Gómez, M.D.
W. David Freeman, M.D.
Jeffrey L. Garland, M.D.
Kelly Gassie, M.D.
Pramod K. Guru, M.B.B.S.

Karen W. Hampton, R.R.T.
Sara E. Hocker, M.D.
Daniel A. Jackson, Pharm.D., BCPS
William L. Lanier, M.D.
Maria I. Lapid, M.D.
Philip E. Lowman, M.D.
Margaret M. Margretta, A.R.N.P.
Diane C. McLaughlin, A.R.N.P.
*Lesia H. Mooney, MSN, R.N.,
A.C.N.S.-B.C., CNRN, SCRNP*
Lauren Ng, M.D.
Jeffrey J. Pasternak, M.D.
Sarah H. Peacock, A.R.N.P.
Michael A. Pizzi, D.O., Ph.D.

Joshua A. Propst, P.A.-C.
Alfredo Quinones-Hinohosa, M.D.
Alejandro A. Rabinstein, M.D.
Robert A. Ratzlaff, D.O.
Leslie A. Rudzinski, M.D.
Jason L. Siegel, M.D.
Leslie V. Simon, D.O.
Christina C. Smith, A.R.N.P.
William Tatum, D.O.
Amanda D. Tomlinson, A.R.N.P.
Tyler F. Vadeboncoeur, M.D.
Charles R. Watts, M.D., Ph.D.
Eelco F. Wijdicks, M.D.

Guest Faculty

Charles F. Bolton, M.D.
Queen's University
Ontario, Canada
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Romergryko G. Geocadin, M.D.
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Soojin Park, M.D.
New York Presbyterian/Columbia
University Medical Center
New York, NY
Mark N. Rubin, M.D.
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Aaarti Sarwal, M.D.
Wake Forrest Baptist Medical
Center
Winston-Salem, NC
Joseph R. Shiber, M.D.
University of Florida
Jacksonville, FL

PROGRAM AGENDA

Thursday, May 4, 2017

Fundamentals of Neurocritical Care Day

- 7:00 a.m. Registration/Breakfast
Moderator: Alejandro A. Rabinstein, M.D.
- 7:30 Cerebral Physiology-Intracranial Pressure, Cerebral Perfusion Pressure and Auto regulation
W. David Freeman, M.D.
- 8:00 Disorders of Consciousness
Alejandro A. Rabinstein, M.D.
- 8:30 Utility of Cardiothoracic Ultrasound in Neuro ICU Patients
José L. Díaz-Gómez, M.D.
- 9:00 Neuro-Ophthalmology Pearls for the Neuro ICU
Paul W. Brazis, M.D.
- 9:30 **Keynote:** Critical Illness Acquired Weakness
Charles F. Bolton, M.D.
- 10:00 Panel Q&A/Break

Workshops – Additional Fee

- 10:15-12:15 p.m. Central Line Workshop #1 additional fee \$150
Philip E. Lowman, M.D., Lauren Ng, M.D., Josh Propst, P.A.-C.
- 10:15-12:15 Ultrasound Critical Care: Heart, Lung, Abdomen additional fee \$150
José L. Díaz-Gómez, M.D. and Aarti Sarwal M.D. (Cardiac, and Thoracoabdominal)
- 12:15-1:15 Lunch/Exhibit Hall

Workshops Continued

- 1:15-3:15 Central Line Workshop #2 (with Ultrasound) additional fee \$150
Philip E. Lowman, M.D., Lauren Ng, M.D., Josh Propst, P.A.-C.
- 1:15-3:15 Ventilator Workshop (open, no limit)
Jeffrey L. Garland, M.D., Joseph R. Shiber, M.D., Karen W. Hampton, R.R.T.
- 1:15-3:15 TeleNeuroICU and eICU Models Workshop (open, no limit)
Bart M. Demaerschalk, M.D.
- 3:15 p.m. Adjourn/Exhibit Hall

Friday, May 5, 2017

Acute Management and Evidence-Based Updates

- 7:00 a.m. Breakfast/Exhibit Hall
Moderator: Eelco F. Wijdicks, M.D., Ph.D.
- 7:30 Difficult Decisions in Management of ICH
Eelco F. Wijdicks, M.D., Ph.D.

Friday, May 5, 2017 Continued

- 8:00 a.m. Update in Stroke Interventional Trials: Where are We Now?
Thabele M. Leslie-Mazwi, M.D.
- 8:30 Decompressive Craniectomy for Malignant Cerebral Edema
Eelco F. Wijdicks, M.D., Ph.D.
- 9:00 The Role of Palliative Care in the NeuroICU
Maria I. Lapid, M.D.
- 9:30 Acute Brain Tumor Management-Postoperative Care and Future Therapies
Afredo Quinones-Hinohosa, M.D.
- 10:00-10:15 Q&A/Break/Exhibit Hall
- Workshops – Additional Fee**
- 10:15-12:15 p.m. Tracheostomy/Airway Simulation #1 additional fee \$150
Philip Lowman, M.D., Josh Propst PA-C, Karen W. Hampton R.R.T.
- 10:15-12:15 Transcranial Doppler and Optic Nerve Sheath Diameter additional fee \$150
Laxmi Dhakal, M.B.B.S., Mark N. Rubin, M.D., Michael A. Pizzi, D.O., Ph.D., and Kevin M. Barrett, M.D., MSc
- 10:15-12:15 Intracranial Monitoring Workshop additional fee \$150
Benjamin L. Brown M.D., William E. Clifton, III, M.D., Charles R. Watts, M.D., Ph.D., Neurovascular Fellow, Kelly Gassie, M.D.
- 12:15-1:15 Lunch in Exhibit hall
- Workshops Continued**
- 1:15 - 3:15 Tracheostomy/Airway Simulation #2 additional fee \$150
Philip E. Lowman, M.D., Josh Propst P.A.-C., Karen W. Hampton R.R.T.
- 3:15-4:00 E-Posters/Challenging Cases/Medical Art
- 4:00-6:00 p.m. Reception/Adjourn

Saturday, May 6, 2017

General Session

Advanced Topics Day

Moderator: W. David Freeman, M.D.

- 7:00 a.m. Breakfast/Exhibit Hall
- 7:30 Update in Traumatic Brain and Spinal Cord Injury Guidelines
Maya A. Babu, M.D.

Saturday, May 6, 2017 *Continued*

- 8:00 Afferentation Theory of Cerebral Arousal
William L. Lanier, M.D.
- 8:30 Cerebral Metabolism (CMRO2) and CMRO-CBF Coupling
Jeffrey J. Pasternak, M.D.
- 9:00 Big Data and Informatics in the ICU - *Soojin Park, M.D.*
- 9:30 Q&A/Post-Test
- 10:00 Break/Exhibit Hall
- Workshops – Additional Fee**
- 10:15-12:15 p.m. ICU EEG and Status Epilepticus and Super Refractory Status Cases (open, no limit)
William Tatum, D.O., Brad Kolls, M.D., Ph.D., MMCi, Leslie A. Rudzinski, M.D. and Sara E. Hocker M.D.
- 10:15-12:15 Hypothermia and Targeted Temperature Management (TTM) Protocols (open, no limit)
Christopher L. Kramer, M.D., Fellow, Jason L. Siegel, M.D., Alejandro A. Rabinstein, M.D. and Tyler F. Vadeboncoeur, M.D.
- 10:15-12:15 eCPR/ECMO and Neurological: additional fee, \$150
Pramod K. Guru, M.B.B.S., Robert A. Ratzlaff, D.O., Joseph R. Shiber, M.D., and Romergryko G. Geocadin, M.D.
- 12:15 p.m. Adjourn

Saturday, May 6, 2017**Allied Health Session****ARNP/PA, Nursing, PharmD's****Moderator: W. David Freeman, M.D.**

- 6:30 a.m. Breakfast/Exhibit Hall
- Moderators: Christina C. Smith, A.R.N.P., Suzanne M. Brown, B.S.N., C.N.R.N., S.C.R.N. and Lesia H. Mooney, M.S.N., R.N., A.C.N.S.-B.C.**
- 7:00 Reversal Agents for Antithrombotic Intracranial Bleeding Emergencies: Data, Dosing and Comparative Efficacy - *Daniel A. Jackson, Pharm.D., BCPS*
- 7:40 Neuroanatomy and Localization
William E. Clifton, III, M.D.
- 8:20 Q&A
- 8:30 Break/Exhibitor Hall
- 8:40 Neurological Examination Fundamentals
Kevin M. Barrett, M.D., MSc
- 9:40 Q&A/Break
- Workshops- see above 10:15-12:15pm**
- 12:15 p.m. Adjourn/Lunch on you own

Sunday, May 7, 2017**Emergency Neurological Life Support (ENLS) Certification Course-Care in the 1st Hour***Post-Course, Additional Registration Fee***Directors: W David Freeman, M.D., Leslie V. Simon, D.O. & Sarah H. Peacock, A.R.N.P.**

- 7:00 a.m. Registration/Breakfast
- 8:00 Introduction/Welcoming
Moderator: W. David Freeman, M.D.
- 8:05 Register/Setup for ENLS Website
W. David Freeman, M.D.
- 8:20 Airway, Ventilation and Sedation
Leslie V. Simon, D.O.
- 8:40 Approach to the Comatose Patient - *Margaret M. Margretta, A.R.N.P.*
- 9:00 Elevated ICP and Herniation
W. David Freeman, M.D.
- 9:20 Acute NonTraumatic Weakness
W. David Freeman, M.D.
- 9:40 Intracerebral Hemorrhage
Amanda D. Tomlinson, A.R.N.P.
- 10:00 Break/Self Time for 10 Question Modules
- 10:20 Ischemic Stroke
Kevin M. Barrett, M.D., MSc
- 10:40 Meningitis/Encephalitis
Diane McLaughlin, A.R.N.P.
- 11:00 Resuscitation following Cardiac Arrest
Amanda Tomlinson, A.R.N.P.
- 11:20 Spinal Cord Compression
Sarah H. Peacock, A.R.N.P.
- 11:40 Pharmacotherapy
Michael A. Pizzi, D.O., Ph.D.
- 12:00-1:00 p.m. Lunch/Work on 10 question modules
- 1:00 Status Epilepticus
Michael A. Pizzi D.O., Ph.D.
- 1:20 Subarachnoid Hemorrhage
Alejandro A. Rabinstein, M.D.
- 1:40 Traumatic Brain Injury
Michael A. Pizzi D.O., Ph.D.
- 2:20 Traumatic Spinal Cord Injury
Michael A. Pizzi D.O., Ph.D.
- 2:40-6:00 p.m. Q&A/Online Examination/Adjourn

Note: Attendees of ENLS are encouraged to bring a laptop and/or iPad/Tablet with internet or WiFi access since access to the materials is provided via the Neurocritical Care Society online.

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