

19.25 AMA PRA Category 1 Credit(s)™

Including Stroke Mini-Symposium

Stroke Imaging And Intervention

8.0 AMA PRA Category 1 Credit(s)™

October 18 – 20, 2019

Aria® Resort and Casino • Las Vegas, Nevada

SAM Session is Available At This Meeting





ABOUT THE MEETING

This course is designed to address current topics in neuroimaging and the clinical management of neurological disease. Emphasis is placed on the role of imaging in pathology and trauma affecting the central nervous system. Imaging manifestation of disease, optimizing imaging techniques and the recent advanced applications of artificial intelligence (AI) and PET/MRI will be discussed. Additionally, a dedicated segment of the program focuses on the latest in stroke imaging including triage, management and treatment.

TARGET AUDIENCE

This program is designed for practicing radiologists, neurologists and neurosurgeons that interpret or rely on imaging studies for the evaluation of neurological disorders. Radiologic technologists who perform these types of procedures will also find the program beneficial.

SCIENTIFIC SPONSOR

Educational Symposia

ACCREDITATION

Physicians: Educational Symposia is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Educational Symposia designates this live activity for a maximum of 19.25 AMA PRA Category 1 Credit(s)TM. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Technologists: This program has been submitted to the ASRT. The number of A CE credits will be available approximately 30 days prior to the meeting. Please visit www.edusymp.com or call (813) 806-1000 regarding the availability of Category A CE credit.

Self-Assessment Modules (SAMs): Educational Symposia has been granted Deemed Status by the American Board of Radiology (ABR). This allows Educational Symposia to develop and implement SAMs that satisfy ABR Part II MOC requirements.

EDUCATIONAL OBJECTIVES

Attendees should, at the completion of this course, be able to:

- Discuss the advances in neuroimaging applications and interpretation.
- Evaluate intracranial tumors, vascular abnormalities and traumatic brain injury.
- Discuss the clinical and imaging manifestations of neurodegenerative disease.
- Recognize image characteristics of common neurovascular disease processes.
- Utilize CTA and MRA in neuroradiology applications.
- Describe the changing role of imaging in the management of spine disease.
- Apply state of the art stroke imaging protocols to clinical practice.
- Discuss the role of radiology in the treatment of acute stroke.

No special educational preparation is required for this CME activity.

COURSE ORGANIZATION

This program is planned and organized by Educational Symposia, a leader in continuing medical education since 1975.

ACKNOWLEDGEMENT

Educational Symposia appreciates our corporate supporters and exhibitors. A list of industry supporters will be provided and acknowledged at the meeting.

CANCELLATIONS

Cancellations must be received in writing by sending an e-mail to cancel@edusymp.com. There is a \$50 processing fee applied to all cancellations. Cancellations made in writing prior to September 20, 2019 will be issued a refund for the amount of tuition paid less the \$50 processing fee. No refunds will be made on or after September 20, 2019.

REGISTRATION INFORMATION

Tuition for live conference includes all course materials, an electronic color course syllabus (printed color syllabus available for \$95, advanced purchase only), daily continental breakfasts and coffee breaks. Early registration is strongly suggested. There will be a \$100 surcharge for anyone registering after October 9, 2019. Minimum and maximum attendance levels have been established for this meeting. If your registration cannot be accepted, you will be issued a full tuition refund.

Tuition for live webcast includes participation for one registrant. Each registrant must sign-in on a separate computer to receive credit. Prior to the meeting we will send you further information about the log in process. We will also send you an electronic color course syllabus via email. If you have any questions or issues logging into the meeting we will have support personnel available at (813) 806-1000. There will be a \$100 surcharge for anyone registering after October 9, 2019.

Please note: A minimum number of registrants is required to live webcast this course. If the minimum number is not met by September 20, 2019 the live webcast activity may be cancelled and a full refund issued.

WEBCAST REQUIREMENTS

Visit the Help Center at www.edusymp.com/site/help to review the computer and internet requirements for viewing live webcast meetings.

4 EASY WAYS TO REGISTER

We Accept VISA











INTERNET www.edusymp.com MAIL Check payable to:

Educational Symposia 5620 West Sligh Avenue Tampa, Florida 33634-4490 (813) 806-1001

PHONE (813) 806-1000

Reduce your mail clutter or just add email announcements. Please visit the "Mailing List" section of our website at www.edusymp.com.

Disclaimer: Educational Symposia (ESI) as planner and presenter of this meeting, and Professional Travel as the official travel agency for this meeting, claim no liability for the acts of any suppliers or the safety of any attendees while in transit to, from, or during this event or any optional activities. The total amount of liability, if any, for the meeting organizers is limited to a refund of the registration fee, and Professional Travel's responsibility is limited to that of an agent.



Special Note for the Disabled: Educational Symposia wishes to ensure that no individual with a disability is excluded, denied services, segregated or otherwise treated differently from other individuals because of the absence of auxiliary aids and services. If you need any auxiliary aids or services identified in the Americans with Disabilities Act, please contact our office at (813) 806-1000.

Program Director:

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Vice President and Chief Technology Officer Director of CT, MR and Advanced Imaging Medical Director East Region RadNet, Inc. New York, NY

Friday, October	· 18 2019	Friday October	18, 2019 (Continued)
7:00 – 8:00 AM	Registration and Continental	3:45 – 4:20	Imaging in Headache
7.00 0.00 AIII	Breakfast for Registrants	0.40 4.20	Jeffrey S. Ross, M.D.
8:00 – 8:40	Al in Medical Imaging Lawrence N. Tanenbaum, M.D., FACR	4:20 – 4:50	Imaging the "Found Down" Patient James G. Smirniotopoulos, M.D.
8:40 – 9:20	Differential Diagnosis of Basal Ganglia Abnormalities Blake A. Johnson, M.D., FACR	4:50 – 5:00	Question and Answer Session Faculty
9:20 – 10:00	Imaging White Matter Disease	5:00	End of Session
9.20 - 10.00	Jeffrey S. Ross, M.D.	Saturday, Octo	ber 19, 2019
10:00 – 10:15	Question and Answer Session Faculty	7:30 – 8:00 AM	Continental Breakfast for Registrants
10:15 – 10:30	Coffee Break for Registrants	8:00 – 8:30	Degenerative Disc Disease:
10:30 – 11:10	Imaging Neurodegenerative Disorders <i>Wende N. Gibbs, M.D., M.A.</i>		Pathophysiology and Nomenclature <i>Jeffrey S. Ross, M.D.</i>
11:10 – 11:45	PET/MR in Neurologic Disease Lawrence N. Tanenbaum, M.D., FACR	8:30 – 9:00	The Radiologist's Role in Neck and Back Pain Management Blake A. Johnson, M.D., FACR
11:45 – 12:20 PM	Imaging the Phakomatoses James G. Smirniotopoulos, M.D.	9:00 – 9:30	Advanced Imaging of the Spine Lawrence N. Tanenbaum, M.D.,
12:20 – 12:30	Question and Answer Session Faculty		FACR
12:30 – 1:30	Lunch on Your Own	9:30 – 9:45	Question and Answer Session Faculty
1:30 – 2:10	Gliomas and Tumor Markers	9:45 – 10:00	Coffee Break for Registrants
	James G. Smirniotopoulos, M.D.	10:00 – 10:30	Spine Infection and Mimics
2:10 – 2:50	MR Imaging of Skull Base Pathology		Wende N. Gibbs, M.D., M.A.
0.50 0.00	Wende N. Gibbs, M.D., M.A.	10:30 – 11:00	Regenerative Medicine: A Primer for Radiologists Blake A. Johnson, M.D., FACR
2:50 – 3:30	CNS Trauma: Lessons from MRI James G. Smirniotopoulos, M.D.	SAM SESSION	
3:30 – 3:45	Coffee Break for Registrants	11:00 – 11:30	Spine Oncology: Imaging and Interpretation Wende N. Gibbs, M.D., M.A.
		11:30 – 12:00	MRI of Spine Trauma Jeffrey S. Ross, M.D.
		12:00 – 1:00	Lunch on Your Own

Saturday, October 19, 2019 (Continued)

STROKE IMA	GING AND INTERVENTION	7:30 – 8:00 AM	Continental Breakfast for Registrants
1:00 – 1:30	Acute Stroke Imaging and Therapy: Neuroradiology in the Leadership Role Allan L. Brook, M.D., FSIR	8:00 – 8:40	MR Angiography Techniques: Imaging Options and Physics <i>Jalal B. Andre, M.D.</i>
1:30 – 2:10	CT of Acute Stroke Lawrence N. Tanenbaum, M.D., FACR	8:40 – 9:20	Stroke Epidemiology and Risk Factor Management Boris Chulpayev, M.D.
2:10 – 2:50	Stroke Neurology: Differentials and Clinical Diagnosis <i>Boris Chulpayev</i> , <i>M.D.</i>	9:20 – 10:00	Rapid Protocols in Acute Ischemic Stroke <i>Jalal B. Andre, M.D.</i>
2:50 – 3:20	Brain Aneurysms: Basics and Treatment Options <i>Allan L. Brook, M.D., FSIR</i>	10:00 – 10:15	Question and Answer Session Faculty
3:20 – 3:30	Coffee Break	10:15 – 10:30	Coffee Break for Registrants
3:30 – 4:10	Stroke Thrombectomy: Data, Literature, and	10:30 – 11:10	Acute Management of Stroke Boris Chulpayev, M.D.
	Guidelines Review Allan L. Brook, M.D., FSIR	11:10 – 11:50	Evaluation of Vasospasm and Delayed Ischemia <i>Jalal B. Andre, M.D.</i>
4:10 – 4:45	Emergency Stroke Triage <i>Jalal B. Andre, M.D.</i>	11:50 – 12:00	Question and Answer Session Faculty
4:45 – 5:20	Practical Tips for Opening the Occlusion: How I Do It <i>Allan L. Brook, M.D., FSIR</i>	12:00	End of Program
5:20 – 5:30	Question and Answer Session Faculty		
5:30	End of Session		

SUNDAY, OCTOBER 20, 2019

Aria® Resort & Casino

SPACE IS LIMITED - RESERVE TODAY:

Visit edusymp.com and search NRCP19 to visit the accommodations page for additional hotel information.

Call Reservations at: 866-359-7757 or 702-590-7757 and identify yourself as a registrant of "NRCP19" or provide group code: SEDU1019AR to receive the group discount.

Cost for additional person over double occupancy is \$50 for 3rd and 4th person.

ROOM PREFERENCE: Run of the House Room (King bed/Two queen beds) - Non-smoking

HOTEL CUT-OFF DATE: September 16, 2019 (group rates 3 days prior/post – space available basis)

HOTEL TAX: 13.38%



RESORT FEE: 39.00 per room, per day applies (plus tax).

DEPOSIT POLICY: One (1) night's room rate plus tax will be charged at time of reservation.

CANCELLATION POLICY: All cancellations, arrival and departure date changes must be made 72 hours or more prior to scheduled arrival date/time to avoid penalties. Check in time is: 3:00 PM; check out time is: 11:00 AM.

HOTEL: 3730 Las Vegas Blvd Las Vegas, Nevada 89109 **PHONE:** (702) 590-7111

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Meeting Registration Form: 12th Annual Neuroradiology in Clinical Practice 2019

October 18 - 20, 2019 • Aria® Resort and Casino • Las Vegas, Nevada

NRCP19

WWW.	REGISTER ONLINE: WWW.EDUSYMP.COM Attendance is limited; therefore,		TUITION: LIVE MEETING Check Meeting Registration below: INCLUDES ELECTRONIC COLOR SYLLABUS			TUITION: LIVE WEBCAST Please check your selection below: INCLUDES ELECTRONIC COLOR SYLLABUS	
early registration is strongly suggested.		On or Before 10/9/19 After 10/9/19		On or Before 10/9/19	After 10/9/19		
□ Physicians □ Scientists	Neuroradiology in Clinical Practice (October 18 — 20, 2019)	□\$1,150	□ \$1,250	Printed Color Syllabus \$95	□ \$1,150	□ \$1,250	
☐ Company Personnel	Stroke Mini-Symposium (Only) (October 19 – 20, 2019)	□ \$ 495	□ \$5 9 5	Advanced Purchase Only	□ \$ 49 5	□ \$595	
☐ Fellows / Residents*	Neuroradiology in Clinical Practice (October 18 — 20, 2019)	□ \$5 7 5	□ \$675	ADD Printed Color Syllabus \$95	□ \$5 7 5	□ \$675	
	Stroke Mini-Symposium (Only) (October 19 — 20, 2019)	□ \$ 248	□ \$348	Advanced Purchase Only	□ \$ 248	□ \$348	
☐ Full Time Military* ☐ VA Physicians*	Neuroradiology in Clinical Practice (October 18 – 20, 2019)	□ \$ 87 5	□ \$ 97 5	ADD Printed Color Syllabus \$95	□ \$875	□ \$ 97 5	
□ P.A./R.A.□ Retired Physicians□ Technologists	Stroke Mini-Symposium (Only) (October 19 – 20, 2019)	□ \$3 7 5	□ \$ 47 5	Advanced Purchase Only	□ \$375	□ \$475	

1st 10 Active Duty Military Personnel*
ATTEND FOR FREE

*MUST ENCLOSE OR FAX LETTER FROM YOUR DIRECTOR CERTIFYING STATUS.

□ M.D. □ D.O. □ Ph.	□ M.D. □ D.O. □ Ph.D. □ R.T. □ P.A./R.A. □ RDMS □ Other		
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