

# MRI of the Head & Spine 2020: National Symposium

September 29 – 30, 2020 • Wynn® Las Vegas • Las Vegas, Nevada

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## ABOUT THE MEETING

This symposium provides a practical, comprehensive review of the important aspects of clinical MRI/MRA of the head & spine. Physicians and technologists practicing neuroradiography utilizing MRI should expand their knowledge base and obtain additional information on safe and efficient scanning protocols.

## TARGET AUDIENCE

This CME activity designed to educate physicians who supervise and interpret neurological MRI studies. This CME activity should also be useful for referring physicians who order these studies so that they might gain a greater appreciation of the strengths and limitations of clinically relevant neuroradiology. MR Technologists should also find this program beneficial.

## 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 10.75 *AMA PRA Category 1 Credit(s)*<sup>TM</sup>. 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](http://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:

- Optimize imaging protocols and techniques to effectively assess CNS pathology.
- Effectively assess cerebral hemorrhage, the temporal bone, neurodegenerative disorders and CNS infections.
- Discuss the expanded role of MRI/MRA of the brain and spine.
- Review and recognize the diverse pathology that affects the spine, including congenital, degenerative, demyelinating, inflammatory, traumatic, and vascular conditions.
- Describe evolving MRI applications and techniques used to evaluate the brain and spine.

*No special educational preparation is required for this CME activity.*

## REGISTRATION &

## CANCELLATION INFORMATION

**Early registration is strongly suggested as capacity may be limited.** We will accept registrations on a first-come basis due to possible restriction on the number of registrants able to attend this course in person. Should you register to attend the meeting in-person and the meeting is not able to proceed as a live event, you will have the option to participate in the virtual meeting, receive a tuition credit, or a full refund.

## FACULTY

Program Director:  
**Blake A. Johnson, M.D., FACR**

**John F. Feller, M.D.**  
Chief Medical Officer  
Halo Dx  
Menlo Park, CA  
Assistant Clinical Professor of Radiology  
Loma Linda University School of Medicine

**Wende N. Gibbs, M.D., MA**  
Division of Neuroradiology  
Senior Associate Consultant, Mayo Clinic  
Assistant Professor of Radiology  
Mayo Clinic College of Medicine

**Blake A. Johnson, M.D., FACR**  
National Medical Director  
Director of Regenerative Medicine  
Center for Diagnostic Imaging

**Marin A. McDonald, M.D., Ph.D.**  
Assistant Clinical Professor  
University of California, San Diego

**Jeffrey S. Ross, M.D.**  
Consultant, Mayo Clinic Arizona  
Neuroradiology Division  
Department of Radiology  
Professor of Radiology, Mayo Clinic College of Medicine  
Editor-in-Chief, American Journal of Neuroradiology

**Lawrence N. Tanenbaum, M.D., FACR**  
Vice President and Chief Technology Officer  
Director of CT, MR and Advanced Imaging  
Medical Director East Region  
RadNet, Inc.

## Wynn Las Vegas

### SPACE IS LIMITED - RESERVE TODAY

Visit [www.edusymp.com](http://www.edusymp.com) and search **NS20** to visit the accommodations page for additional hotel information.

Call Wynn Las Vegas for Reservations at: (866) 770-7555 and provide **Group Code: 8MRI0920** to receive the group discount. Online booking link will be provided on [www.edusymp.com](http://www.edusymp.com).

**Deluxe Resort Guestroom ..... \$249/nt.**  
Each additional person over two is \$50.00 per night.

**ROOM PREFERENCE:** King/Two Doubles (Charge of \$30 per room/night two double beds) upon availability.

Group room rates may be available three (3) days prior and after meeting, subject to availability and confirmation by the hotel.

**CUT-OFF DATE:** August 28, 2020, 5:00 PM, PST  
(group rates 3 days prior/post – space available basis)

**HOTEL TAX:** 13.38%

**DAILY RESORT FEE:** \$39 plus 13.38% tax

**DEPOSIT POLICY:** Credit cards will be charged first night room and tax charges 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: 12:00 PM.

**HOTEL:** 3131 Las Vegas Blvd, South  
Las Vegas, Nevada 89109

**PH:** (702) 770-7000

**SCIENTIFIC SPONSOR:** Educational Symposia

**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.

## PROGRAM

### Tuesday, September 29, 2020

#### 7:00 – 8:00 AM Registration and Continental Breakfast for Registrants

##### Moderator Head & Spine:

*Blake A. Johnson, M.D., FACP*

8:00 – 8:40 AI in Healthcare  
*Lawrence N. Tanenbaum, M.D., FACP*

8:40 – 9:20 Imaging Evaluation of Head and Neck Pathology  
*Blake A. Johnson, M.D., FACP*

9:20 – 10:00 Imaging of Neurodegenerative Disorders  
*Wende N. Gibbs, M.D., MA*

10:00 – 10:15 Question and Answer Session  
*Faculty*

#### 10:15 – 10:30 Coffee Break for Registrants

#### SAM SESSION

10:30 – 11:00 Imaging in Headache  
*Jeffrey S. Ross, M.D.*

11:00 – 11:30 The Perineural Highway: MR Imaging of the Skull Base Foramina and Cranial Nerves  
*Marin A. McDonald, M.D. Ph.D.*

11:30 – 12:20 PM MR of Skull Base Tumors  
*Blake A. Johnson, M.D., FACP*

12:20 – 12:30 Question and Answer Session  
*Faculty*

#### 12:30 – 1:30 Lunch on Your Own

1:30 – 2:00 MR Contrast Agents Safety Update  
*Lawrence N. Tanenbaum, M.D., FACP*

2:00 – 2:30 Differential Diagnosis of Basal Ganglia Abnormalities  
*Blake A. Johnson, M.D., FACP*

2:30 – 3:00 Advanced MR Imaging of the Anterior Skull Base  
*Marin A. McDonald, M.D. Ph.D.*

3:00 – 3:15 Question and Answer Session  
*Faculty*

#### 3:15 – 3:30 Coffee Break for Registrants

3:30 – 4:00 Quality, Efficiency and Survival with Patient Centric Imaging  
*Lawrence N. Tanenbaum, M.D., FACP*

4:00 – 4:30 White Matter Diseases  
*Jeffrey S. Ross, M.D.*

4:30 – 5:00 What's Up Your Nose? Complimentary Role of MR and CT in the Evaluation of Sinonasal Malignancy  
*Marin A. McDonald, M.D., Ph.D.*

5:00 – 5:15 Question and Answer Session  
*Faculty*

#### 5:15 End of Session

### Wednesday, September 30, 2020

#### 7:00 – 8:00 AM Continental Breakfast for Registrants

8:00 – 8:30 Advanced Imaging of the Spine  
*Lawrence N. Tanenbaum, M.D., FACP*

8:30 – 9:00 Spontaneous Intracranial Hypotension: Diagnosis and Treatment of Spinal Leaks  
*Jeffrey S. Ross, M.D.*

9:00 – 9:30 Spine Infections and Mimics  
*Wende N. Gibbs, M.D., MA*

9:30 – 10:00 Spine Tumors: Intradural  
*Jeffrey S. Ross, M.D.*

#### 10:00 – 10:15 Coffee Break for Registrants

10:15 – 10:45 Spine Emergencies  
*Wende N. Gibbs, M.D., MA*

10:45 – 11:15 Cervical Spine Trauma  
*John F. Feller, M.D.*

#### 11:15 End of Course

11:30 – 12:00 PM Vendor Forum ♦

♦ Not accredited for AMA PRA Category 1 Credit(s)<sup>TM</sup>

Faculty & topics subject to change.

## 4 EASY WAYS TO REGISTER

We Accept



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# Meeting Registration Form:

37<sup>th</sup> Annual

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<b>1<sup>st</sup> 10 Active Duty Military Personnel* ATTEND FOR FREE (Live Meeting Only)</b>					

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

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