

Hot Topics in Radiology:

Advanced Applications and Artificial Intelligence

February 27 – March 4, 2022

Vail Marriott Mountain Resort • Vail, Colorado



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ABOUT THE MEETING

This symposium is designed to provide an update on a variety of new cutting-edge developments in diagnostic imaging and intervention. Topics include new techniques and practical applications of MRI and CT with an update into the clinical applications of artificial intelligence and machine learning. Emphasis of this meeting is on the practical clinical uses of new technologies and their impact on the future of radiology practice. Faculty members have been selected for their teaching ability, as well as their expertise.

TARGET AUDIENCE

This CME activity is primarily intended and designed to educate diagnostic imaging physicians who perform and interpret CT and MR imaging examinations. The content will be beneficial to Neurologists, Emergency Medicine Physicians and General Practitioners who order or integrate imaging information into practice management. Radiologic technologists should also find this educational activity 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 20.25 *AMA PRA Category 1 Credit(s)*[™]. 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 new cutting-edge applications of MRI and CT imaging.
- Compare the utility of MRI and CT in the evaluation of various musculoskeletal, neuro, body and cardiovascular applications.
- Discuss the utility of MRI and CT in the workup of spine disease and intervention.
- Discuss the clinical indications and applications of artificial intelligence in radiology.
- Discuss the clinical impact of artificial intelligence and machine learning in radiology.

No special educational preparation is required for this CME activity.

SCIENTIFIC SPONSOR: Educational Symposia

COURSE ORGANIZATION: This program is planned and organized by Educational Symposia, a leader in accredited continuing education since 1975.

ACKNOWLEDGMENT:

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 **January 28, 2022** will be issued a refund for the amount of tuition paid less the \$50 processing fee. No refunds will be made on or after **January 28, 2022**.

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 **February 17, 2022**. 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 **February 17, 2022**.

Vail Marriott Mountain Resort

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Visit edusymp.com and search **VHT22** to visit the accommodations page for additional hotel information and to book online or call (877) 622-3140 and identify yourself as a registrant of Hot Topics in Radiology.

Group Room Rates Start at \$418/nt.

HOTEL CUT-OFF DATE: January 25, 2022

Condo Rates Start At (Limited Availability)..... \$511/nt.

HOTEL CUT-OFF DATE: January 25, 2022

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Antlers Off site Condo Rates Start At \$420/nt.

CONDO CUT-OFF DATE: December 31, 2021

Montaneros Off site Condo Rates Start At \$638/nt.

CONDO CUT-OFF DATE: December 31, 2021

DEPOSIT POLICY: All hotel reservation requests will require a credit card guarantee to confirm. Full payment of room and tax will be charged on the cut-off date of **January 25, 2022**.

CANCELLATION POLICY: Reservations cancelled after **January 25, 2022** is fully nonrefundable. No-shows are considered guaranteed bookings and will be charged the entire length of stay. Any no-show reservations will be cancelled for all remaining room nights. Early departures will forfeit the remaining room night's room changes. Check in time is: 4:00 PM; Check out time is: 11:00 AM.

FACULTY

PROGRAM DIRECTOR:

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Director, Interventional Spine Service
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Los Angeles, CA*

PROGRAM

Sunday, February 27, 2022

5:00 - 6:00 PM Registration

Monday, February 28, 2022

7:00 – 7:30 AM Breakfast for Registrants

7:30 – 8:10 AI in Neuro Imaging
Lawrence N. Tanenbaum, M.D., FACR

8:10 – 8:50 Imaging Cranial Nerves I-VI
Blake A. Johnson, M.D., FACR

8:50 – 9:30 Multinodal CT & MR in the Evaluation of Non-Aneurysmal, Nontraumatic Intracranial Hemorrhage
J. Pablo Villablanca, M.D., FACR

9:30 – 9:45 Question and Answer Session
Faculty

9:45 End of Session

4:00 – 4:30 PM Après Ski Break for Registrants

4:30 – 5:10 AI in MSK Radiology: Options, Opportunities, and Obstacles
Jan Fritz, M.D., P.D., R.M.S.K

5:10 – 5:50 Pre-Operative Staging Using MRI
Elizabeth A. Morris, M.D., FACR, FSBI, FISMRM

5:50 – 6:30 Advanced Techniques in Cardiac CTA
Melany B. Atkins, M.D.

6:30 – 6:45 Question and Answer Session
Faculty

6:45 End of Session

Tuesday, March 1, 2022

7:00 – 7:30 AM Breakfast for Registrants

7:30 – 8:10 AI in Image Reconstruction
Lawrence N. Tanenbaum, M.D., FACR

8:10 – 8:50 Integration of CTA and CT-FFR
Melany B. Atkins, M.D.

8:50 – 9:30 Cranial Nerves VII-XII
Blake A. Johnson, M.D., FACR

9:30 – 9:45 Question and Answer Session
Faculty

9:45 End of Session

4:00 – 4:30 PM Après Ski Break for Registrants

4:30 – 5:10 The Genetics of Cancer
Elizabeth A. Morris, M.D., FACR, FSBI, FISMRM

SAM Session

5:10 – 5:50 Advances in Ultra High-Field MRI: Clinical Opportunities and Challenges
J. Pablo Villablanca, M.D., FACR

5:50 – 6:30 Metal Artifacts in MRI: Practical Problem Solving
Jan Fritz, M.D., P.D., R.M.S.K

6:30 – 6:45 Question and Answer Session
Faculty

6:30 End of Session

Wednesday, March 2, 2022

7:00 – 7:30 AM Breakfast for Registrants

7:30 – 8:10 MR Contrast Safety Update
Lawrence N. Tanenbaum, M.D., FACR

8:10 – 8:50 Fast Protocols in Body MRI
Neil M. Rofsky, M.D., MHA, FACR

8:50 – 9:30 Imaging Evaluation in Head & Neck Pathology
Blake A. Johnson, M.D., FACR

9:30 – 9:45 Question and Answer Session
Faculty

9:45 End of Session**4:00 – 4:30 PM Après Ski Break for Registrants**

4:30 – 5:10 AI in Spine Imaging
Lawrence N. Tanenbaum, M.D., FACR

5:10 – 5:50 Spine Imaging: Pearls and Pitfalls
J. Pablo Villablanca, M.D., FACR

5:50 – 6:30 Cancer Detection: Update on Surveillance and Screening with MRI
Elizabeth A. Morris, M.D., FACR, FSBI, FISMRRM

6:30 – 6:45 Question and Answer Session
Faculty

6:45 End of Session

Thursday, March 3, 2022

7:00 – 7:30 AM Breakfast for Registrants

7:30 – 8:10 Deep Learning in Cardiac MRI
Melany B. Atkins, M.D.

8:10 – 8:50 PIRADS: Knowns and Unknowns
Neil M. Rofsky, M.D., MHA, FACR

8:50 – 9:30 Dual Energy CT: Musculoskeletal Applications
Jan Fritz, M.D., P.D., R.M.S.K

9:30 – 9:45 Question and Answer Session
Faculty

9:45 End of Session**4:00 – 4:30 PM Après Ski Break for Registrants**

4:30 – 5:00 Diagnostic Pitfalls in Neuroimaging
Blake A. Johnson, M.D., FACR

5:00 – 5:30 AI Applications in Breast Imaging
Elizabeth A. Morris, M.D., FACR, FSBI, FISMRRM

5:30 – 6:00 PSMA Scanning: What You Need to Know
Neil M. Rofsky, M.D., MHA, FACR

6:00 – 6:30 MDCT of Tumors and Tumor-Like Lesions of the Skeleton
Jan Fritz, M.D., P.D., R.M.S.K

6:30 – 6:45 Question and Answer Session
Faculty

6:45 End of Session

Friday, March 4, 2022

7:00 – 7:30 AM Breakfast for Registrants

7:30 – 8:10 AI in Body Imaging: Wheat and Chaff
Neil M. Rofsky, M.D., MHA, FACR

8:10 – 8:50 Utilization of 4D Flow in Routine Clinical Practice
Melany B. Atkins, M.D.

8:50 – 9:30 Interventional Procedures in the Spine and Head: Pushing the Boundaries with Low Dose CT
J. Pablo Villablanca, M.D., FACR

9:30 – 9:45 Question and Answer Session
Faculty

9:45 End of Course

Meeting Registration Form:

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The 10th | VAIL 2022

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