

KANAL'S MR SAFETY

MRMD/MRSO SAFETY TRAINING COURSE

“Perfection”
Prior Attendee

“Oh wow!”
Prior Attendee

Offers up to 24 hours of CME/CE/MPCEC Credit

Since June of 2014 when Dr. Kanal first created and launched his new comprehensive MR safety course and began teaching others the Kanal Method for implant safety analysis, roughly 6,000 physicians, technologists, physicists, nurses, administrators, industry representatives and others have now participated in one of Dr. Kanal's MRMD/MRSO MR Safety Training Courses - in just over five years! The unprecedented popularity of this course and analytical method of risk assessment has literally changed the entire MR industry and how it approaches MR safety practices and decision making throughout the world. This Course is specifically designed to provide the education necessary to comfortably undertake the responsibilities of being an MR Medical Director/Physician or MR Safety Officer.

With the recent reconsideration by the Center for Medicaid/Medicare Services (CMS) and opening of reimbursement for some MR scans performed on various labeled and not-conditionally-safe labeled Cardiovascular Implanted Electrical Devices (CIEDs), there will inevitably be increases in the volume of requests to accept non-conditionally labeled CIED patients for MR studies. The newly updated course curriculum now also includes a focused analysis of the safety issues associated with MR scanning of various anatomic regions of interest in patients in whom there may be implanted various types of CIEDs, and what can be done to minimize the associated risks of such examinations.



Most Effective Radiology Educator for 2019

Emanuel Kanal

MD, FACR, FISMRM, MRMD/SE, AANG



Las Vegas, NV - March 22 - 25

Washington DC - July 19 - 22

Orlando, FL - Nov 15 - 18



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• Bracco Diagnostics Inc.

• MRIEquip.com

Featured Speaker

Emanuel Kanal, MD, FACR, FISMRM, MRMD/SE, AANG
Chief of the Division of Emergency Radiology/Teleradiology
Director of Magnetic Resonance Services
Professor of Radiology and Neuroradiology Department of Radiology
University of Pittsburgh Medical Center

Dr. Kanal has been involved in researching and teaching the world about magnetic resonance (MR) safety issues for more than 35 years, since the introduction of MRI as a clinical diagnostic tool. Having chaired the first magnetic resonance safety committee ever created, he also chaired numerous other MR safety committees and has been continually involved in and/or leading MR safety initiatives ever since. These include, among others, having chaired the MR Safety Committee for the American College of Radiology from its inception in 2001 until the summer of 2012, being awarded fellowship in the American College of Radiology as well as the International Society of Magnetic Resonance in Medicine, and being named a Special Government Employee to the Food and Drug Administration on MR safety issues for both the Division of Medical Imaging and Hematology Products/Drug Safety group (of the Office of Surveillance and Epidemiology) regarding magnetic resonance contrast agents as well as the FDA Center for Devices and Radiological Health regarding all matters relating to magnetic resonance safety.

Dr. Kanal has served as a consultant for MR safety issues with innumerable industry and pharmacy representatives, from MR system manufacturers to implant manufacturers to MR pharmaceutical firms to manufacturers of devices designed to be used in and around MR suites. He has been involved in an advisory/consultant role and/or as an expert witness in hundreds of legal cases including those involving/alleging radiofrequency thermal issues or burns from MR imaging examinations, projectile effect events/injuries related to the interactions between the magnetic field of the MR scanner and metallic objects in the MR environment, those alleging auditory injury/tinnitus, and cases involving nephrogenic systemic fibrosis and/or other gadolinium based contrast agent related adverse events, among others. Dr. Kanal is the lead author of the American College of Radiology's Guidance Document on MR Safe Practices in all four of its published versions and updates (2002, 2004, 2007, and 2013, and is presently working on the 2019 update. As an educator, Dr. Kanal has taught more people about MR safety issues than any other physician in the world today, and has provided several hundred visiting professorships and invited societal lectures and conferences on this topic over the past three decades.

Accreditation

Program Description / Statement of Need: In an effort to provide Physicians, Technologists, and other course attendees with current information and data to make informed decisions in their clinical settings, this symposium covers several objectives. These include teaching and reviewing the basic principles underlying the potential areas of safety concern involved in the MR imaging process and magnetic resonance environment. In addition, defining the thought process algorithms for assessing whether a patient/device/implant/ foreign object can safely undergo MR imaging, and familiarizing the attendee with medico-legal considerations associated with MR safety.

Target Audience: The content of this CME Symposium is intended for healthcare professionals including Radiologists and other Physicians, Technologists, Physicists, Radiologic and Imaging Nurses, Radiology Administrators, Facility Managers, Researchers, Risk Managers, and others.

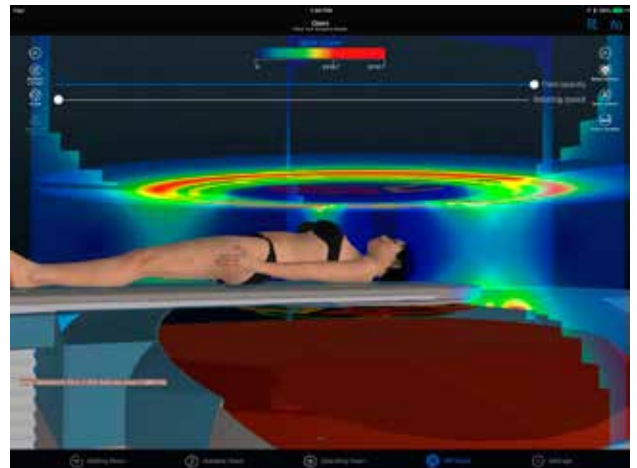
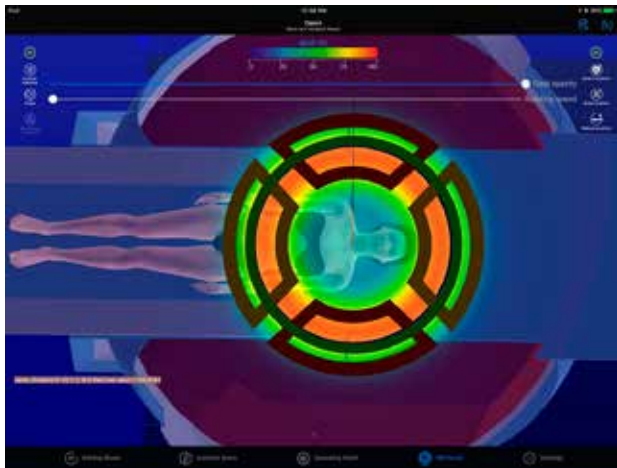
Accreditation and CME Credit Statements: This CME activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education (ACCME) through the providership of The Northwest Imaging Forums, Inc. (NWIF). The Northwest Imaging Forums, Inc. is accredited by the ACCME to provide continuing medical education for physicians. The Northwest Imaging Forums, Inc. designates this live activity for a maximum of 24 *AMA PRA Category 1 Credits*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity. Nurses may claim credit for activities approved for *AMA PRA Category 1 Credits*[™] in most states, for up to 50% of the nursing requirement for recertification. This activity is designated for up to 24.0 *AMA PRA Category 1 Credits*[™].

This MRI program has been submitted for approval of 24 hours of category A CE technologist credit as designated by The Society for MR Radiographers & Technologists (SMRT) RCEEM. ARRT regulations state that an individual may not repeat a live activity for credit if it was reported in the same or any subsequent biennium. To receive the maximum amount of credit hours, you must attend all sessions. Verification of attendance policies will be in place for each lecture.

This meeting has applied to CAMPEP for approval of 24 MPCEC (Medical Physics Continuing Education Credit) hours.

Faculty and Planner Disclosures: As an accredited provider of continuing medical education, it is the policy of The Northwest Imaging Forums, Inc. (NWIF) to ensure balance, independence, objectivity, and scientific rigor in all of its live activities. In accordance with this policy, faculty and planners must disclose any financial relationships with commercial interests germane to program content. Additionally, in the event a conflict of interest (COI) does exist, it is the policy of NWIF to ensure that the COI is resolved in order to ensure the integrity of the CME activity. Planner has nothing to disclose.

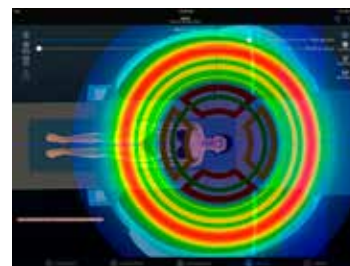
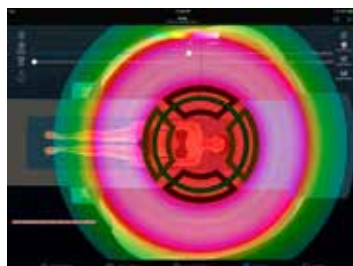
The New Standard for Device/Implant MR Safety Assessment: MagnetVision™



Just recently added to our 2018 curriculum and beyond is MagnetVision™. As highlighted in the featured cover story of the RSNA, November, 2017 issue of Radiology Today, Dr. Kanal ushered in the 2018 year with the introduction of his latest MR safety app. With a tag line of, “Making the invisible... visible™”, the app is a powerful teaching and reasoning tool that is designed to help the MR practitioner or MR safety professional visually assess, graphically process, and even generally quantify the anticipated risks of an implant patient prior to their undergoing an MR imaging examination on a given MR imaging platform and hardware suite. The app permits the user to model an implant patient’s body habitus, select or create the implant(s) or device(s) or foreign body/bodies found in that patient, and “implant” it three dimensionally within the patient model or avatar created by the app. The app will then model the exposure levels of that patient and their implanted device(s) to the various energy fields used in the MR imaging process on the specific MR imaging system make/model/hardware selected by the user for simulation. The app calculates anticipated exposure levels of the implanted device(s) to the various energies to which it will be exposed before, during, and after the patient is positioned for the requested MR imaging examination. This real time 3D graphical as well as 2D graphs as well as text-based output and reports can be readily utilized to help MR professionals assess general MR safety risks for requested MR examinations on such device patients before they are actually placed into actual MR scanners and exposed to real transmitted static and time varying electrical and magnetic energy fields.

Highly detailed reports generated by the app can be printed or saved as .pdf files for teaching or record keeping purposes, complete with real time date and time stamping documentation.

2019 brought with it the release of MagnetVision™, Version 2.0 and its associated new functionality, enhanced customizable graphic output capabilities, force product spatial distribution displays, and improved efficiency and enhanced ease of use. 2020 continues this advance, with new hardware, further increases in user interface efficiency, updates in the report generation capabilities, and new additions to the graphic field display capabilities. Major new functionality regarding implant/device selection is nearing completion, and is scheduled for a 2020 release.



Educational Objectives and Course Descriptions

24 Hour MR Medical Director / MR Safety Officer

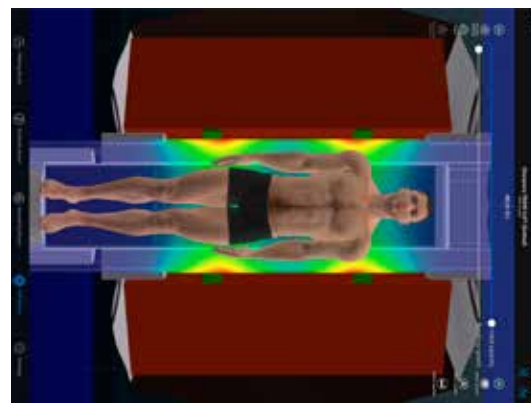
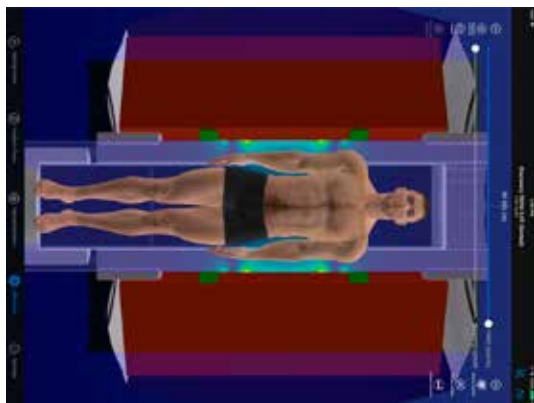
The American College of Radiology Guidance Document on MR Safe Practices has solidly established itself as the standard of care for how one should safely practice in the MR environment. In addition to near universal acceptance throughout the radiologic community, it has been repeatedly established in innumerable legal actions as the standard against which our actions in this regard are judged. The ACR's Guidance Document on MR Safe Practices calls for each MR site to name an MR Medical Director and/or MR Safety Officer who would serve as the ultimate authority and resource for all questions and decisions related to MR safety. The recently published international consensus document, "Recommended Responsibilities for Management of Magnetic Resonance Safety" calls for establishing and naming a Magnetic Resonance Medical Director, Magnetic Resonance Safety Officer, and a Magnetic Resonance Safety Expert to oversee safety in MR environments. In this regard, there is a significant shortage of individuals in the world today who have sufficient background in, and knowledge of, the subject matter to feel comfortable being named as the MR Medical Directors or MR Safety Officers for their MR imaging centers and sites. This course is specifically targeted to support those whose job it is - or will be - to fulfill these requirements of MR Medical Director or MR Safety Officer. For those considering becoming MR Safety Experts, this course is not intended to teach or review the quantification algorithms required of this title/position. It does, however, provide an exceedingly comprehensive introduction to and overview of all matters pertaining to MR safety, while simultaneously highlighting that which a reasonably trained MRMD and MRSO should be expected to know - and not know.

This Course is Conceptually Divided into Three Unique Parts

1. Teaching and reviewing the basic principles underlying the potential areas of safety concern involved in the MR imaging process and magnetic resonance environment. This includes defining the roles and responsibilities of the MR Medical Director, the MR Safety Officer, and the MR Safety Expert and how they interact with those of the referring physician, radiologist, and MR technologist. It also incorporates a review of several new recommendations and/or requirements for MR safety, including those by the Joint Commission, ACR, and the recommendations of the international consensus document entitled, "Recommended responsibilities for management of MR safety".
2. Defining and standardizing the thought process algorithms for assessing whether a patient/device/implant/foreign object can safely undergo MR imaging; reviewing the benefit-risk assessment process and establishing protocols and guidelines as to how to formalize the benefit-risk ratio assessment for each patient. Applying these algorithms and this reasoning approach to multiple real and created clinical cases and situations is an integral aspect of this part of the course.
3. Medicolegal aspects of MR safety: Learning from the mistakes of others. In this section, numerous real legal cases in which MR safety-related medical malpractice was alleged will be reviewed and analyzed. The objective will always be to learn how to decrease the likelihood of similar issues arising with your patients in your own MR practice.

Topics to be Covered Include, Among Others:

- Static Magnetic Fields
- RF Magnetic Fields
- Gradient Magnetic Fields
- Safety of Gadolinium-Based Contrast Agents, including state-of-the-art review of the current status regarding residual/retained gadolinium
- Cryogen Safety Considerations
- Implant Safety; Clinical Application and Decision Making
- Focused Discussion on Cardiovascular Implanted Electrical Devices (CIEDs)
- Pregnancy and MRI
- Legal Considerations: Overview, in Depth Case Histories and Review
- ACR Guidance Document
- Implant Safety: Kanal's MR Safety Implant Risk Assessment app: decision tree review and utilization
- Implant Safety: MagnetVision™ and standardization of the processes for evaluating device/implant risk assessment



All lectures will be given by Dr. Kanal unless otherwise noted.

Day 1 (4.0 Hours)

Schedule times and contents are subject to change

Sunday

- 1:00** Registration Desk Opens
- 2:50** Opening Announcements - Matt Wilson
- 3:00** Introduction, MRMD, MRSO, MRSE
- 5:00** Static Magnetic Fields Part I, II
- 7:00** End of Session

Day 2 (8.0 Hours)

Schedule times and contents are subject to change

Monday

- 6:30** Registration Desk Opens - Coffee, Tea & Pastries
- 7:20** Opening Announcements - Matt Wilson
- 7:30** Static Magnetic Fields Part III
- 8:30** Static Magnetic Fields Part IV
- 9:30** Coffee Break
- 10:00** Static Magnetic Fields Part V
- 11:00** RF Magnetic Fields Part I
- 12:00** Lunch on Your Own
- 1:15** RF Magnetic Fields Part II
- 2:15** RF Magnetic Fields Part III
- 3:15** Coffee Break
- 3:45** RF Magnetic Fields Part IV
- 4:45** RF Magnetic Fields Part V
- 5:45** End of Session

(Faculty, topics & format subject to change)

Presentations will be given in the traditional classroom lecture format using slides. Each presenter will allow time to field questions from the audience. The handout will provide "take away" self-review material. Permission for the use of copyrighted materials will be obtained if needed.

Day 3 (8.0 Hours)

Schedule times and contents are subject to change

Tuesday

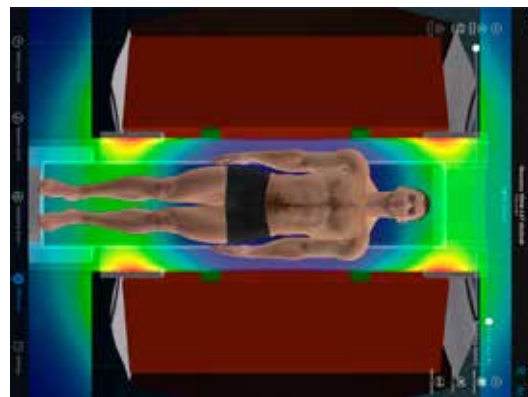
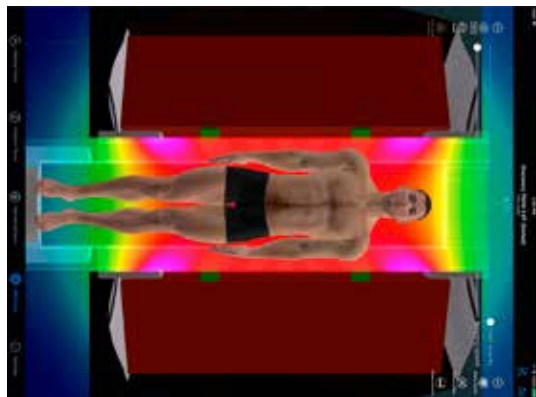
- 6:30** Registration Desk Opens - Coffee, Tea & Pastries
- 7:20** Opening Announcements - Matt Wilson
- 7:30** Gradient Magnetic Fields Part I
- 8:30** Gradient Magnetic Fields Part II
- 9:30** Coffee Break
- 10:00** Safety of Gadolinium-Based Contrast Agents
- 11:00** Cryogen Safety Considerations
- 12:00** Lunch on Your Own
- 1:15** Implant Safety: Clinical Application and Decision Making Part I
- 2:15** Implant Safety: Kanal's MR Safety Implant Risk Assessment app: Decision tree review and utilization
- 3:15** Coffee Break
- 3:45** Implant Safety: Clinical Application and Decision Making Part II
- 4:45** Review of Submitted Questions
- 5:45** Dinner on Your Own
- 7:00** Kanal's MR Safety Implant Risk Assessment app #1 and the MR Safety App version 2: Kanal's MagnetVision™ in depth tutorials and review
- 8:00** Poolside Chat™ - Emanuel Kanal, MD

Day 4 (4.0 Hours)

Schedule times and contents are subject to change

Wednesday

- 6:30** Registration Desk Opens - Coffee, Tea & Pastries
- 7:20** Opening Announcements - Matt Wilson
- 7:30** Product labeling and off-label imaging: The FDA does not approve uses of drugs/devices
- 8:30** Legal Considerations: Part I
- 9:30** Coffee Break
- 10:00** Legal Considerations: Part II
- 11:00** Legal Considerations: Part III
- 12:00** Lunch on Your Own - End of Session



Poolside Chat™

One of the most valuable aspects of this course is its unique Poolside Chat™. In this session the attendees gather after hours in an informal format and are encouraged to ask any and all questions that they may have regarding MR Safety issues. These are then publicly discussed, analyzed, and addressed in a manner that not only answers the questions posed, but provides and teaches the attendee a logical framework as to how to reason their way to answer such questions in clinically realistic situations. Discussion, debate, and reasoned progression through available options are key factors of this session. The Poolside Chat™ is routinely evaluated as one of the most valuable and unique aspects of this course.



This CME/CE activity is designed for Radiologists and/or other Physicians, Technologists/Radiographers, Physicists, Healthcare Risk Managers, MR Research personnel, and any other present and/or future MR Medical Directors or MR Safety Officers.



We will meet in the fabulous LUXOR Hotel & Casino, the thirty story glass “Pyramid” on the famous Las Vegas strip. Located just 2.5 miles from McCarran International Airport, this elegant, 4,300 room hotel is the perfect setting for both business and pleasure. With eight restaurants, showroom entertainment, a 120,000 square foot casino and many attractions such as The Titanic Show & Museum, there is much to see and do. Across the street are the spectacular MGM Grand and Excalibur Hotels, offering yet more entertainment and fun. Las Vegas offers all its visitors unparalleled 24 hour excitement. There is truly something for everyone in this city of lights, glamour and fun. Parking at the hotel is free.

Room Reservations - 3900 S Las Vegas Blvd, Las Vegas, NV 89119

We have been given special reduced sleeping room rates at the The Luxor Hotel and Casino of Room rate of \$79 per night for Sunday and \$62 per night for Monday through Thursday plus tax/resort fees. Please contact the hotel by dialing toll free 800-926-4737 or 702-262-4450 and refer to Group Code: Northwest Imaging 2020 MAIN or copy the following link into a web browser: <https://book.passkey.com/go/SNOR0320LX>. Please call or email us if you have any questions. **IMPORTANT NOTE:** The meeting will be held in the Egyptian Ballroom, **Cutoff Date is Feb 24th, 2020 or when our reserved room block sells out (whichever comes first).**

Cancellation Policy

All cancellation requests must be in writing.

1. Cancellations received on or before: 02/28/20 will receive a full refund.
2. Those received after 02/28/20 but through 03/06/20 are subject to a 25% service charge.
3. No credit or refunds are available on or after 03/07/20. **No exceptions will be made.**

In the event that any situation beyond the control of NWIF makes it impossible to conduct the meeting as advertised, each paid attendee will receive a voucher to attend a future NWIF meeting.

Registration Fees

- Please Note:** - **Early Fee** is payment received on or before 02/28/20
- **Standard Fee** is payment received after 02/28/20 through 03/06/20
- **Late Fee** is payment received on or after 03/07/20

Kanal's MR Medical Director / MR Safety Officer Training Course

Physicians and Industry Representatives:

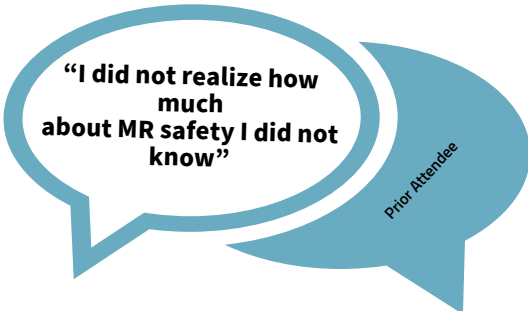
Early Fee **\$1550** Standard Fee **\$1600** Late Fee **\$1650**

Physicists and Other Health Care Professionals:

Early Fee **\$1175** Standard Fee **\$1225** Late Fee **\$1275**

Technologists:

Early Fee **\$800** Standard Fee **\$850** Late Fee **\$900**



“I did not realize how much about MR safety I did not know”

Prior Attendee

***NOTE:** Kanal's MR Medical Director and MR Safety Officer Training Course is completely independent from the ABMRS and its MRMD, MRSO, and MRSE certification examinations. We have specifically scheduled courses at dates and venues so that the attendee could, if they so desire, take the ABMRS examinations immediately following the completion of these courses. For further information regarding the American Board of MR Safety or to register for any of its certifying examinations, please visit www.abmrs.org.

Please call or email us if you have any questions: (888) 683-4930 or registration@nwforums.com

Located just three miles from Dulles International Airport (IAD) and 30 miles from Washington DC, this hotel is ideal for both business travelers, with its proximity to local corporations and government offices, and leisure guests seeking to explore the area or take the metro to the popular attractions of DC. Features include spacious guest rooms, on-property dining options, a large fitness center and a salt water swimming pool. Featuring 449 rooms & suites with complimentary in-room WiFi, Hilton Washington Dulles Airport was designed with comfort in mind. Upgrade to a suite for extra space or an executive room for special amenities. Executive floor guests receive access to the Executive Lounge, offering complimentary breakfast & evening hors d'oeuvres.

Room Reservations - 13869 PARK CENTER ROAD, HERNDON, VIRGINIA, 20171

We have been given special reduced sleeping room rates at the Hilton Washington Dulles Airport of \$125.00 per night plus tax. Please contact the hotel by dialing (703) 478-2900 and ask for the group code "Northwest Imaging Forums 2020 MR Safety & Credentialing Meeting" or copy the following link into a web browser: https://www.hilton.com/en/hi/groups/personalized/I/IADAHHF-NI17IC-20200717/index.jhtml?WT.mc_id=POG Please call or email us if you have any questions.

IMPORTANT NOTE: The meeting will be held in the Belmont Ballroom Main Level **Cutoff Date** is Wednesday July 3rd, 2020 or when our reserved room block sells out (whichever comes first)

Cancellation Policy

All cancellation requests must be in writing.

1. Cancellations received on or before: 07/03/20 will receive a full refund.
2. Those received after 07/03/20 but through 7/11/20 are subject to a 25% service charge.
3. No credit or refunds are available on or after 7/12/20. **No exceptions will be made.**
In the event that any situation beyond the control of NWIF makes it impossible to conduct the meeting as advertised, each paid attendee will receive a voucher to attend a future NWIF meeting.

Registration Fees

Please Note: - **Early Fee** is payment received on or before 07/03/20
- **Standard Fee** is payment received after 07/03/20 through 7/11/20
- **Late Fee** is payment received on or after 7/12/20

Kanal's MR Medical Director / MR Safety Officer Training Course

Physicians and Industry Representatives:

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Early Fee **\$1175** Standard Fee **\$1225** Late Fee **\$1275**

Technologists:

Early Fee **\$800** Standard Fee **\$850** Late Fee **\$900**



"He's the best teacher I have ever sat under in almost 30 years."

Prior Attendee

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Please call or email us if you have any questions: (888) 683-4930 or registration@nwforums.com

Sheraton Orlando Lake Buena Vista Resort - Orlando, FL

November 15th - 18th, 2020

Surrounded by the city's iconic attractions, Sheraton Orlando Lake Buena Vista Resort is a Walt Disney World Good Neighbor® Hotel that sits one mile from Walt Disney World® Theme Parks and provide free scheduled shuttle to these parks. Disney Springs®, Walt Disney World® Golf Courses and Outlet Shopping as well as other amusements, such as Universal Studios®, Discovery Cove and Disney's Typhoon Lagoon Water Park, are also nearby. During your stay, dine on fresh seafood at Zest or sip cocktails on the patio at 27 Palms Grill. While your kids ride the waterslides, relax with a spa treatment or get energized in our 24-hour fitness center. We offer 29 venues for events of up to 900 guest, along with catering services and modern AV equipment. After a day exploring Lake Buena Vista, recharge in your spacious room outfitted with stylish décor, plush beds and a private balcony. Keep the kids entertained with HDTV and premium cable channels. The magic of Orlando begins at Sheraton Orlando Lake Buena Vista Resort.

Room Reservations - 2205 S Apopka Vineland Road, Orlando, Florida 32836

We have been given special reduced sleeping room rates at the Sheraton Orlando Lake Buena Vista Resort of \$129.00 per night plus tax. Please contact the hotel by dialing 1-800-423-3297 and ask for the group code "Kanal MRI Meeting 2020" or copy the following link into a web browser: [TBD](#) Please call or email us if you have any questions.

IMPORTANT NOTE: The meeting will be held in the Majestic Ballroom **Cutoff Date is Thursday October 22, 2020 or when our reserved room block sells out (whichever comes first)**

Cancellation Policy

All cancellation requests must be in writing.

1. Cancellations received on or before: 10/23/20 will receive a full refund.
2. Those received after 10/23/20 but through 10/30/20 are subject to a 25% service charge.
3. No credit or refunds are available on or after 10/31/20. **No exceptions will be made.**

In the event that any situation beyond the control of NWIF makes it impossible to conduct the meeting as advertised, each paid attendee will receive a voucher to attend a future NWIF meeting.

Registration Fees

Please Note: - **Early Fee** is payment received on or before 10/23/20

- **Standard Fee** is payment received after 10/23/20 through 10/30/20

- **Late Fee** is payment received on or after 10/31/20

Kanal's MR Medical Director / MR Safety Officer Training Course

Physicians and Industry Representatives:

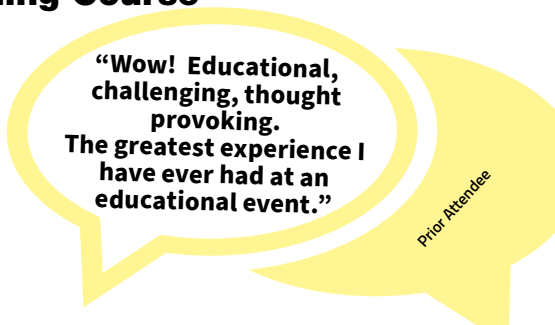
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Technologists:

Early Fee **\$800** Standard Fee **\$850** Late Fee **\$900**



"Wow! Educational, challenging, thought provoking. The greatest experience I have ever had at an educational event."

Prior Attendee

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Please call or email us if you have any questions: (888) 683-4930 or registration@nwforums.com

Comments From Past Attendees of Kanal's MRMD/MRSO MR Safety Training Courses

"Without a doubt the best meeting I've ever been to!"

"I have traveled a tremendous amount all over the world and attended a lot of meetings with world experts. However, you have set the standard once again."

"A tsunami of information."

"Perfect mixture of information, related stories, and humor."

"The best source of information of any conference I have ever attended for over 30 years."

"It's truly amazing that someone could make 22+ hours of MRI safety lectures engaging. I would attend again."

"This was by far the best conference that I have ever attended! I never dreamed that I could learn so much in 4 days."

"Thought provoking, engaging, educational, overall incredible."

"The most information in a conference - ever"

"The excitement and enthusiasm is contagious"

"If you are MRI technologists, you need this!"

"Awesome! Incredible amount of information in just a few days!"

"It was the most incredible course, ever. Each and every second was educational... I could listen to Manny give instructions on how to make a peanut butter and jelly sandwich and enjoy every minute of it."

"Dr. Kanal is by far one of the best speakers I've ever heard - if not the best"

"So much I didn't know after 20 years of experience"

"This was, without a doubt, THE BEST conference I have ever been to... I do not know any other human being that can talk physics and MRI for almost 4 days, and not even once make it drab."

"Outstanding! Priceless information! Ground breaking!"

"Necessary for entire MR community."

"I'm so glad I came! Mind blown - in a very good way! My wheels are churning... all the improvements I want to make now!"

"Eye opening, reassuring, and ridiculously informative!"

"An amazing amount of information"

"Game changer!"

"Awesome - SO glad I attended!"

"A new way to think..."

"Far exceeded my expectations"

"I've never been able to concentrate on anything for this many hours before."

"Dr. Kanal's passion for patient care, MR expertise, and ability to transfer that knowledge is amazing"

"High energy "infotainment""

"Mind blowing experience! The amount of information received to help myself and my department make decisions is immeasurable."

"Absolutely amazing. Extremely engaging, thoughtful, and educational!"

"I am in awe of the information that I learned. I have no words others than "PHENOMENAL".

"It's AMAZING how available he makes himself to everyone with time and attention - EXCEPTIONAL."

"Incredibly informative for the consulting physicist."

"Engaging, relevant, held my attention for all the hours, made me love the work I do more."

"All time favorite course."

"Great course with career changing information"

"Best thing I could have ever done for my professional career."

"This symposium has stepped up my MRI game and my whole team will benefit!"

"This was exhausting and amazing - I would do it again in a heartbeat!"

"All radiologists, technologists, and managers should be required to attend..."

"Paradigm altering. My entire thought process towards MRI safety has altered."

"Dynamic, clear, concise"

"A force of nature! "

"Blows one's mind!"

Comments From Past Attendees of Kanal's MRMD/MRSO MR Safety Training Courses

- "Absolutely the best MRI safety presentations and training I have experienced in my 22 years of MRI"**
- "Dr. Kanal devotes an amazing amount of time to answer each and every question"**
- "I've learned and understand more covering safety than I've learned in 25 years"**
- "Dr. Kanal's presentation was absolutely fabulous. All the topics covered were totally relevant and applicable to/ for the workplace. Both apps are an absolute game changer! I will be using them immediately. The medical legal aspects of our profession is truly needed. It was wonderful to go to the mountaintop regarding standard of care."**
- "Excellent presentation, content rich, relevant, necessary."**
- "The vast amount of knowledge he shares is amazing and he was able to present the material in an easy to understand manner"**
- "Just awesome!"**
- "Makes learning the material easy"**
- "I was shocked by what I didn't know"**
- "He has such energy; that keeps your attention"**
- "Teacher of a lifetime"**
- "One of a kind teaching leads to greater understanding"**
- "This by far was the best course I have attended in 30 years"**
- "Fantastic knowledge bombs dropped. I will be a better technologist because of this conference"**
- "VERY informative on MRI safety as a WHOLE, and great at bringing my thoughts past passing an exam"**
- "Wonderful delivery, super dynamic speaker, the best I have ever heard"**
- "Dr. Kanal is one of the best communicators I have ever had the pleasure of listening to"**
- "Eye opening experience, His intelligence is extraterrestrial!"**
- "I believe that this course is integral to safely operating within an MR environment"**
- "Beyond expectations"**
- "He grabs your attention"**
- "Deliberate method of leading thoughts and concepts"**
- "Incredible experience"**
- "Love how Kanal makes you think how to get to the conclusion as opposed to memorizing"**
- "He is a cornucopia of knowledge and made the concepts easy to understand. His enthusiasm was inspiring."**
- "Extremely informative. It made me want to learn more and improve myself for my patients."**
- "Amazing speaker and even better teacher"**
- "Informative and thought provoking"**
- "Unbridled enthusiasm and knowledge"**
- "Unbelievable how much I did not know!"**
- "Jaw dropping. Dr. Kanal held my attention the entire time, including (the) poolside (chat) until 11 pm"**
- "I have never been to a better presentation"**
- "Never stayed awake for an entire conference before!"**
- "Motivating"**
- "Informative; almost impossible to "zone out""**
- "Firehose drinking that morphs into understanding"**
- "Most "neurostimulation" I ever got from a CME!"**
- "This was my first experience with Dr. Kanal and he "blew my socks off" with his expertise and superb communications style!"**
- "Incredible!"**
- "Best speaker I've ever heard!"**
- "Dr. Kanal's passion for MR safety is infectious."**
- "Overwhelmingly informative"**
- "The most knowledgeable professional I've worked with or learned from, ever."**
- "New thinking and approach to MR safety"**
- "Shocking that there was so much that I did not know after 21 years in MRI"**
- "Overwhelming amount of great information"**
- "Simply amazing"**

Comments From Past Attendees of Kanal's MRMD/MRSO MR Safety Training Courses

Wow. Wow. Wow. Wonderful and educational.

Changing the way I look at our patients”

“He’s one of a kind - thank you!”

“I’ve been through many a “snore fest” - but his sessions were interesting, intense, and thought provoking”

“One of the best conferences I’ve attended”

“Dr. Kanal is a machine. He might actually be a cyborg!”

“Extremely dynamic speaker”

“Allows us to think through problems”

“Mind explosion!”

“Life changing!”

“Packed full of eye opening information”

“Perfect balance of quality information and entertainment made it easy to follow and memorable”

“Enormous amount of information. Thank you for changing the way I analyze MRI safety.”

“Excellent. Well worth my time and money. Novel way to think after 23 years doing MRI exams.”

“Should be mandatory for all doctors and technologists”

“Amazing learning experience”

“Your course was by far the most valuable to me in my years of radiology”

“His attitude is very superconductive!”

“Amazingly refreshing”

“Fantastic! I have been a tech for 30 years. This session made me feel the wonder and excitement for our profession all over again!”

“Phenomenal”

“Very entertaining, never runs out of energy, brilliant speaker”

“The whole course was exquisite! I have learned so much, and also feel capable of explaining things to my colleagues who were unable to attend”

“Logical, methodical, understandable”

“Dr. Kanal is an extraordinarily gifted communicator”

“Couldn’t be better”

“Without a doubt, this is the best course I have ever attended.”

“Manny always exceeds my expectations”

“Extremely informative”

“Engaging and charismatic”

“Amazing even the second time around!”

“Wow! Amazing!”

“Phenomenal - unbelievable - Dr. Kanal is the best educator I have met. Would and could listen to him all day.”

“He is the best presenter I have ever experienced!”

“I’m going into ultrasound!”

“Will change the way I approach MR safety forever”

“First conference I’ve ever been to where I didn’t fall asleep at all!”

“Wow! Educational, challenging, thought provoking. The greatest experience I have ever had at an educational event.”

“His delivery and dedication are incredible!”

“Perfection”

“Exceptional communicator”

“10 stars. He is a fantastic speaker.”

“He’s the best teacher I have ever sat under in almost 30 years.”

“Exceptional, informative, and empowering”

“I did not realize how much about MR safety I did not know”

“Rocked my MRI world”

“He is the best presenter I have ever experienced!”

“Mind blowing”

Registration Form (Please Print - This form may be copied)

Please check conference that applies:

Please check fee that applies:

<input type="checkbox"/> Kanal MR Safety: Las Vegas	March 22 - 25 Luxor Hotel and Casino Las Vegas, NV	<table border="0"> <tr> <td>Early</td> <td>Standard</td> <td>Late</td> </tr> <tr> <td><input type="checkbox"/> \$1550/Physician</td> <td><input type="checkbox"/> \$1600/Physician</td> <td><input type="checkbox"/> \$1650/Physician</td> </tr> <tr> <td><input type="checkbox"/> \$1175/Physicist</td> <td><input type="checkbox"/> \$1225/Physicist</td> <td><input type="checkbox"/> \$1275/Physicist</td> </tr> <tr> <td><input type="checkbox"/> \$800/Technologist</td> <td><input type="checkbox"/> \$850/Technologist</td> <td><input type="checkbox"/> \$900/Technologist</td> </tr> </table>	Early	Standard	Late	<input type="checkbox"/> \$1550/Physician	<input type="checkbox"/> \$1600/Physician	<input type="checkbox"/> \$1650/Physician	<input type="checkbox"/> \$1175/Physicist	<input type="checkbox"/> \$1225/Physicist	<input type="checkbox"/> \$1275/Physicist	<input type="checkbox"/> \$800/Technologist	<input type="checkbox"/> \$850/Technologist	<input type="checkbox"/> \$900/Technologist
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Registration is also available Online at: www.nwforums.com
Note — Registration is confirmed and processed only when payment is received.

Name (print) _____

Email Address (print) _____

Note: Email address is required for confirmation purposes.

Facility _____

The address below is (circle one): Work Home

Street _____

City _____ State _____ Zip code _____

Day Phone (_____) _____ (circle one) Work Home

Payment enclosed or amount charged to credit card \$ _____

Charge to: VISA MasterCard American Express Discover

Card Number _____ Exp. Date _____

3-Digit Credit Card Security Code (found on back of card) _____

Name on Card (print) _____

Card Holder Signature (required) _____

Make checks payable / send registration form to:



**Northwest Imaging
Forums, Inc.**
P.O. Box 25909
Eugene, Oregon 97402

Please contact us to register or with questions:

Phone: (888) 683-4930 Toll Free 9am - 5pm M-F (EST)
 (541) 683-4930 Direct 9am - 5pm M-F (EST)
 Fax: (541) 683-8499 24 Hours a Day
 E-mail: registration@nwforums.com
 Web site: www.nwforums.com