

MRI SAFETY WEEK 2023

24-30 luglio 2023



Magnetic Field



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Gemelli



Marino Gentile – Ada Guidi



Ver. 1.0

lug. '23

Fondazione Policlinico Universitario Agostino Gemelli IRCCS
Università Cattolica del Sacro Cuore



<https://www.ismrm.org/mr-safety-links/mr-safety-week-2023/>



— INTERNATIONAL SOCIETY FOR MR —
ISMRT
RADIOGRAPHERS & TECHNOLOGISTS
A Section of the ISMRM

A WORLD
OF KNOWLEDGE
FOR MAGNETIC RESONANCE
PROFESSIONALS

MR Safety Week

23-29 JULY 2023

The last week in July is universally recognized as **MR Safety Week**, inspired by the anniversary and 2001 tragic MRI-related death of Michael Colombini, age 6, resulting from a steel oxygen cylinder being brought into the MRI room during his exam [1](#), [2](#), [3](#). The initial goal of this week was to prevent such a tragedy from happening again and has expanded into a week-long event giving us a chance to refresh our safety education and highlight some of the issues we all face in the MR environment.

MR Safety is an important part of our lives, and education is the cornerstone of a safe MR workplace. The ISMRT safety committee, in support and recognition of this event, has [compiled a variety of resources](#) to remind us to check our site procedures to ensure we follow best practices. This year, we offer a series of virtual meetings on a variety of aspects of safety in the MR workplace.

Registration includes access to each virtual meeting throughout the week. You are not obligated to participate every day, only the days you wish. Accreditation will be offered based on attendance at each live virtual event.

<https://www.ismrm.org/mr-safety-links/mr-safety-week-2023/>

Register Now

MR Safety Week

VIRTUAL MEETINGS | 23-29 JULY 2023

MR Safety is an important part of our lives, and education is the cornerstone of a safe MR workplace. The ISMRT safety committee, in support and recognition of this event, has compiled a variety of resources to remind us to check our site procedures to ensure we follow best practices. This year, we offer a series of virtual meetings on a variety of aspects of safety in the MR workplace.

FREE REGISTRATION for
MEMBERS & NONMEMBERS!

Learn & Earn CEUs

These virtual meetings are free and offer credit during the week of 23-29 July 2023. A new virtual meeting will be presented each day, offering a maximum of 1.0 hour of AMA PRA Category 1 Credit™ and Category A Credit.



Learn more!

REGISTER NOW

www.ismrm.org | www.ismrt.org

SAFETY WEEK VIRTUAL MEETING SCHEDULE

MONDAY, 24 JULY 2023 | 20:00 UTC

MRI Environmental Emergency & Lessons Learned
Jakob M. Møller, Ph.D.

MRI Incident-Reporting Template

Barbara Nugent, BSc (Hons), PgC (MRI), DCR(R),
MRSO (MRSC™)

TUESDAY, 25 JULY 2023 | 20:00 UTC

MRI Safety in the Remote Scanning Environment
John Posh, R.T.(R)MR

THURSDAY, 27 JULY 2023 | 20:00 UTC

Magnetic Resonance Imaging Simulation in
Radiotherapy: Considerations for Clinical
Implementation, Optimization & Quality Assurance
Ali Fatemi-Ardekani, Ph.D.

The Safety of Magnetic Resonance Imaging
Linear Accelerators

Nikki Shelton, Ph.D. & Nick Cook, Ph.D.

Guidance on the Use of MRI for External Beam
Radiotherapy Treatment Planning &
Credentialing MRI in Radiation Therapy
Mikki Campbell & Cynthia Eccles

FRIDAY, 28 JULY 2023 | 20:00 UTC

Managing Patients with Passive Implants on
Low Field (<1.5T) MR Systems
Frank G. Shellock, Ph.D., FACR, FISMRM, FAAC

Welcome to ISMRT's MR Safety Week 2023 Virtual Meetings

Learn & Earn CEUs

These virtual meetings are free and offer credit during the week of 23 – 29 July 2023. A new virtual meeting will be presented each day, offering a maximum of 1.0 hour of *AMA PRA Category 1 Credit™* and Category A Credit.

Members and visitors can earn credits for attending these virtual meetings by [logging in](#) and registering for the virtual meeting. Non-members can attend the virtual meeting for free and attain credit, but must have an account. [Create a new account here](#). Recordings of the events will only be available to members.

Visit our [MR Safety Resources](#) page for even more safety information, including videos, posters and events!



Monday

24 July 2023 at 20:00 UTC

Your Local Time: 24 July at 22:00 (Rome)

Moderators: Sonja K. Boiteaux, M.Sc., R.T.(R) (MR) & John Posh, R.T.(R)(MR)

Program:

MRI Environmental Emergency & Lessons Learned

Jakob M. Møller, Ph.D.

This will cover emergency events such as a fire or flood in the MRI environment. A speaker will explain their personal incidence, lessons learned, and policy management around and documentation of these events.



Tuesday

25 July 2023 at 20:00 UTC

Your Local Time: 25 July at 22:00 (Rome)

Moderators: Leslie E. Clouston, R.T., B.Sc. (R)(MR), Frank G. Shellock, Ph.D. & Ben Kennedy, M.Sc., B.Appl.Sc.(MRI)

Overview: Remote MRI Scanning has become a hot topic across the world for its need in current challenges to MRI scanner staffing and training of staff with increased demands on its services. Whilst the uptake is in process, MRI safety implications have many unmet challenges which need to be drawn out and potentially regulated through bodies such as the ACR who



Thursday

27 July 2023 at 20:00 UTC

Your Local Time: 27 July at 22:00 (Rome)

Moderators: Kate E. Skehan, R.T. & Glenn Cahoon, M.Sc.

Overview: This session will focus on safety in the MRI environment within the radiotherapy setting. It will cover identifying any knowledge gaps and developing education initiatives for both radiographers and radiation therapists. We will have representatives from the IPSEM topical report on safe use of MRI for EBRT, the ACPSEM position paper on safety of MRLinacs, as well as the AAPM working



Friday

28 July 2023 at 20:00 UTC

Your Local Time: 28 July at 22:00 (Rome)

Moderators: Vera L. Kimbrell, MEd, R.T.(R) (MR) & Joanna Shechtel, M.D.

Overview: This pre-recorded session will cover current updates on low- to high-field changes to safety information and center on the lack of testing of active and passive implants in the ultra-low MRI field.

Program:

Managing Patients with Passive Implants on Low Field (<1.5T) MR Systems

Frank G. Shellock, Ph.D., FACR, FISMRR.

<https://www.ismrm.org/mr-safety-links/>



ISMRRM & ISMRT MR Safety Resources

Your Primary Source for MR Safety Resources, Support & Education



MRI Safety

Level 1: Basic Training for All Staff in the MRI Environment

SMRT Safety Committee 2017-2023

ISMRM

SMRT

Certificate of Participation

The Society for
MR Radiographers & Technologists

certifies that

NAME: _____

has completed

**MRI Safety Level 1:
Basic Training for All Staff in the MRI Environment**

Presented by SMRT Safety Committee, and completed on

DATE: _____



Melissa Simcox, Director of Education

International Society for Magnetic Resonance in Medicine Telephone: +1 (925) 825-SMRT (7478) | Fax: +1 (510) 941-2340
2300 Clayton Road, Suite 620, Concord, CA 94526, USA E-mail: info@ismrm.org Website: https://www.ismrm.org

SMRT: Basic MRI Safety Level 1 for ALL staff, with narration

Understanding MRI Safety Labeling

The MR environment has unique safety hazards for patients with implants, external devices and accessory medical devices. Implants, medical devices and other equipment used in or near the MR environment should be labeled as **MR Unsafe**, **MR Conditional**, or **MR Safe**.

MR Unsafe items should not enter the MRI scanner room. Patients with MR Unsafe devices should not be scanned.

MR Conditional items may safely enter the MRI scanner room only under the very specific conditions provided in the labeling. Patients should not be scanned unless the device can be positively identified as MR Conditional AND the conditions for safe use are met.

The conditions for safe use will be different based on the intended use of the device.

For items intended to enter the bore of the MRI system, the MRI Safety labeling should be matched with the MRI system for:

- Static field strength
- Maximum spatial field gradient
- dB/dt limitations (usually only applicable to active implants)
- SAR limits
- Any other conditions needed for safe use of the device, for example restrictions on the types of coils that may be used

When present, information about expected temperature rise and artifact extent may inform the risk/benefit decision of whether or not a patient should undergo an MRI examination. Expected temperature rise and artifact extent information are not conditions that must be met.

Items NOT intended to enter the bore of the MRI system usually have gauss line positioning restrictions or requirements to tether or affix the device to an unmovable part of the room.

MR Safe items pose no safety hazards in the MR environment. They may be placed anywhere in the MR environment. Patients with MR Safe devices have no scanning restrictions.



Magnetic Resonance Imaging Tips for Scanning Patients with Implants

- Follow your site's process for screening the patient
- Identify the manufacturer and model of any implanted devices
- Locate the MRI safety information in the device manufacturer's labeling

Look for one of these icons:

MR Safe. Patients with MR Safe devices have no scanning restrictions.

MR Conditional. For patients with MR Conditional devices, implant conditions should be matched with the MR system information.

- Consult your MR system manual for MR system information
- Ensure that the MR system meets all conditions provided in the MR Conditional labeling
- If conditions are not met, the patient should not be scanned

MR Unsafe. Patients with MR Unsafe devices should not be scanned. Assume any unidentified implant is MR Unsafe.

- Document device information in the medical record
 - Consult a physician for any risk/benefit decisions
- For MR Conditional devices:
- Follow all pre-scan conditions, such as special programming modes

- BEFORE**
- For MR Conditional devices, follow all scan conditions such as specific absorption rate (SAR) restrictions or patient positioning instructions
 - Monitor the patient at all times

- DURING**
- Assess the patient for discomfort or injuries
 - Follow any post-scan conditions, such as device checks or programming



The Section for MR Technologists of the ISMRM



Keeping Safe in MRI

Screening for MRI

- Comprehensive Screening Form
- Thorough Patient Interview & Evaluation
- No Street Clothes or Shoes on Patients



Magnetic Field (B₀)

- Make No Assumptions → Ask Questions
- Assess Metal → No Projectiles & No Torque
- "MR Safe" or "MR Conditional" → Identify & Comply



Acoustic Protection & Monitoring

- Hearing Protection → Always
- Squeeze Bulb Provided → Always
- Constant Visual & Audio Monitoring → Always



RF Field (B₁)

- No Loops in Cables or Anatomy
- Assess Metal → No Heating & No Burns
- Separate & Insulate Anatomy, Bore Walls & Cables



Trained & Educated

- MRI Safety Training for MRI Staff & MDs
- Annual Training for Nursing & Ancillary Staff
- Policies set by Departmental MRI Safety Committee



http://www.ismrm.org/smrt/resources/mr_safety_page/

MRI BURN PREVENTION

Tips for Keeping Patients Safe

Screen patients for implants, devices, and other metallic objects. Assume anything unknown is MR Unsafe.



Screen objects to ensure that anything entering the scan room is MR Conditional or MR Safe. Match conditions on MR Conditional devices with your scanner. All metals, even non-ferromagnetic ones, have the potential to heat up and cause burns.

Have patients change out of street clothes whenever possible.



Position patients to avoid skin-to-skin contact (e.g. no hands on hips, no crossed arms, no crossed legs, etc.)

Always use the manufacturer-provided padding to insulate the patient. Sheets and blankets may be added for patient comfort but are not a substitute for manufacturer-provided padding.



Route cables out of the scanner in a straight line. Don't coil cables or allow them to touch the patient.

Use only Normal Operating Mode and the lowest SAR, whenever possible.



Keep your eyes and ears on the patient at all times. Stay in communication with patients to identify warning. Monitor sedated patients using MR Conditional monitoring equipment.



SMRT MRI Safety

Active Implanted Biomedical Devices

Does your patient have an implanted device that is electronic, programmable, or provides active therapy? Need to obtain the following information:

- Manufacturer name
- Model name and/or number
- Serial number



Does the active implanted device have MRI safety information?

- 'MR Conditional'
- 'MR Unsafe'
- Not tested or labeled for MRI
- FDA warning



Risk versus Benefit decision is conducted by the MR Physician

- Does the device require special programming or monitoring?
- Any scanning limitations?
- Are there exclusion zones?
- Do you have the personnel and necessary equipment to meet the 'MR conditional' labeling requirements of the device?



Device labeling 'MR conditions' necessary to fulfill can include:

- Field strength (B_0)
- Maximum spatial gradient level (B_0)
- RF coil (transmit-receive coil or whole body transmit coil)
- SAR and/or $B1+rms$ levels
- Time varying gradient magnetic fields (dB/dt or slew rate)
- Length of each MRI acquisition/scan



Is your MRI suite equipped and ready to handle adverse events?

- Overriding safety warnings can result in injuries and potentially life-threatening events



<https://www.asrt.org/events-and-conferences/mr-safety-week>

MR Safety Week

July 23-29, 2023

asrt



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Keep MR Safety a Priority

MR technologists are on the front lines of patient safety and MRI-related injury prevention. Participate in MR Safety Week with a new safety poster for your workplace, take advantage of MR safety-related educational opportunities and share your dedication to patient safety with sharable social media graphics.

Device Screening



Screening Protocol
Opportunities for patient to identify device:

- Questionnaire
- Technologist review
- Verbal verification

Device Identification

- Manufacturer, model and serial number
- MR labeling
- Document in medical record

During Exam

- Closely monitor patient
- Examine localizer images

Post Exam

- Evaluate patient
- Device prepared or reprogrammed, if required

GO
✓ MR Safe Label

CAUTION
! MR Conditional Label
! No Label for MR
! Proceed only after all the following are met:

- MR system meets device conditions
- Device prepared or programmed, if required
- Risk-benefit assessment by a radiologist

STOP
✗ MR Unsafe Label
✗ MR System Conditions Not Met
✗ Device Conditions Not Met
✗ Unidentified Device

asrt.org/MRSafetyWeek

Safety is My Priority

MR Safety Week
asrt July 23-29, 2023

4 Projectile Prevention Strategies

1



4-Zone MRI Site

Restrict unauthorized entry to magnet through controlled access between zones.

2



Pre-visit Screening

Thorough questionnaire, technologist review and verification prior to exam.

3



On-site Ferromagnetic Detection

Check for ferrous objects and devices prior to exam.

4

Labeling



MR Safe

MR Safe: may enter MR environment without restrictions and may be scanned



MR Conditional

MR Conditional: further evaluation and identification required to enter MR environment or be scanned




MR Unsafe

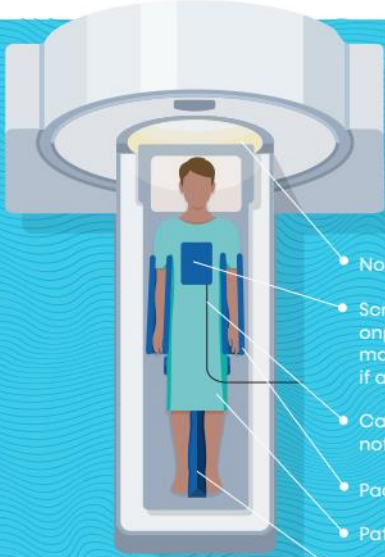
MR Unsafe: may never enter MR environment or be scanned




1. J. J. Pineda, Accident Data Management, 1997; 2. International, 2002; 3. American Society of Radiologic Technologists, 2003; 4. MRSA, 2003; 5. www.npr.org/2003/04/03/3492770000/0349277000.html

Burn Prevention





- No contact with bore
- Screening for devices, implants, onplants, metallic objects and materials, and removal if appropriate
- Cables insulated and not in contact with patient
- Padding placed appropriately
- Patient wearing hospital gown
- No skin-to-skin contact

59% Burns account for 59% of all MRI-related injuries.¹

55% of burn incidents are caused by contact with objects, bore and skin-to-skin.¹

100% These measures can prevent 100% of burn injuries in clinical care scenarios.

1. Deffroy JD, Kishorik DM, Tashir SA, Miller DL. MR-related T2A adverse event reports: a 10-yr review. Medical Physics. 2019;46(5):540-551. doi:10.1002/mp.13768.

Radiologic Technologist Best Practices for MR Safety

Lorenza Clausen, R.T.(R)(CT)(MR), MRSO(MRSC), CRT; Joy Cook, MS, R.T.(R)(CT)(MR);
Amanda Garlock, MS, R.T.(R)(MR); Ashley Perkins, MHA, R.T.(R)(MR);
Bartram Pierce, BS, R.T.(R)(MR), MRSO(MRSC), FASRT; Kristin Seitz, BSML R.T.(R)(CT)(MR), MRSO(MRSC);
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https://www.asrt.org/docs/default-source/research/whitepapers/asrt18_mrsafetywhitepaper.pdf?sfvrsn=ca0222d0_10



ASRT Magnetic Resonance Safety Resources



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<https://www.bir.org.uk/get-involved/special-interest-groups/bir-magnetic-resonance/mr-safety.aspx>



MR Safety Week

24-28 July | #MRSafety

A circular inset image showing a patient lying on a table inside an MR scanner. A staff member in a dark uniform is standing next to the scanner, adjusting the patient's position. The scene is lit with blue and red lights, and white concentric circles are overlaid on the background.

BIR
The British
Institute of
Radiology

<https://www.bir.org.uk/get-involved/special-interest-groups/bir-magnetic-resonance/mr-safety.aspx>

MR Safety

[Home](#) > [Get involved](#) > [Special Interest Groups](#) > [BIR Magnetic Resonance](#) > [MR Safety](#)

MR Safety Week 2023

24-28 July 2023

MR Safety is important all year round but during this week we focus on best practice and advice so that patients and staff are safe at all times.

Look out for new safety advice sheets for 2023 during this week. Anyone opted in to receive our regular mailings will get a daily email with the latest update during the week 24-28 July and they can be downloaded below.

[Register or log in here](#)



MR Safety advice 2022



The fourth edition of the International Electrotechnical Commission (IEC) standard 60601-2-33:2022

This year will see the publication of the fourth edition of the International Electrotechnical Commission (IEC) standard 60601-2-33:2022, replacing the third edition published in 2010 and updated in 2013 and 2015. The IEC 60601 standard has become a requirement for the commercialisation of electrical medical equipment in many countries. Part 2-33 is the *“Particular requirements for the basic safety and essential performance of magnetic resonance equipment for medical diagnosis.”* There are numerous changes between the third and fourth editions and a few of the major differences are described here¹:

1. MR Equipment Output Conditioning (MROC) is introduced as mandatory functionality at 1.5 T and 3 T which allows the MR operator to specify certain output limits of the MR system, e.g., RF transmit coil type, RF polarisation, maximum B_{1+RMS} and maximum gradient slew rate (per axis), in line with the MR-Conditional labelling of many implants².
2. The Specific Absorbed Energy (SAE) limit is eliminated. The SAE defined an arbitrary hard limit, i.e., an automatic system stop, of 4 W/kg for 60 minutes = 240 W min/kg. Due to the use of interventional MRI a hard limit was strongly discouraged by the US FDA. MR manufacturers will still post a warning when a chosen Specific Absorption (SA), now calculated from the whole -body SAR, is reached, but it will no longer stop the system.
3. The MR system 'About function' has been upgraded. It displays the MR system model name, the B_0 field strength and the software version. In addition, it should also display or provide access to a location containing the maximum spatial field gradient (T/m) outside the fixed covers of the magnet, the maximum gradient amplitude achievable (mT/m) and the maximum gradient slew rate (T/m/s) for each gradient axis.



4. The extent of the B₀ Hazard Area (MR Environment) around the magnet is now defined to be 0.9 mT rather than the 0.5 mT in the previous editions. However, the MHRA's limit of 0.5 mT is enshrined in the Control of Electromagnetic Fields at Work (CEMFAW) Regulations 2016, that cites the International Commission on Non-Ionizing Radiation Protection (ICNIRP) guidelines on the limits of exposure to static magnetic fields 2009 that recommends a 0.5 mT limit for the protection of medical devices. Therefore, there will have to be a change in the ICNIRP guidelines or a change in the CEMFAW legislation for the UK to adopt 0.9 mT rather than 0.5 mT for the extent of the MR Environment.
5. The manufacturers will expand their Compatibility Technical Specification Sheet (CTSS) to include more information characterising the MR system that may be useful when evaluating third party devices and to assess the exposure to electromagnetic field for both patients and workers. Examples include adding B₀ isocontour and spatial field gradient contour plots, as well as the spatial distribution of the gradient system and RF B₁ field outputs.

Note that once published, the regulators typically allow a 2–3-year window before the changes in the standard are typically implemented.



MRI SAFETY WEEK 2023

ANALYZING PERSISTING CHALLENGES IN MRI SAFETY: UNVEILING THE GAP BETWEEN PROGRESS AND OUTCOMES

SHAPING THE FUTURE OF MRI SAFETY: ENGAGING DAILY EDUCATIONAL INITIATIVES

In our pursuit of advancing MRI safety standards, we invite you to immerse yourself in a series of captivating presentations and interactive activities. Join us every day during MRI Safety Week 2023, as we delve into the forefront of MRI safety expertise and set the stage for a secure future.

MONDAY, JULY 24, 2023

Test Your MRI Safety Knowledge!

Today, we share a special **MRI Safety version of Jeopardy** that you can play with your teammates across your organization. We wanted to create an educational tool that's not only useful for your facility, but also presents itself with a little bit of competition and fun.

Here are instructions on how to play the game, which we recommend reading through before you begin.

PLAY GAME

TUESDAY, JULY 25, 2023

[Webinar] MRI Safety Essentials: Meeting the Joint Commission Annual MRI Safety Training Requirement

Have you and your colleagues completed your Joint Commission required annual MRI Safety training yet this year? Join this webinar with MRI Safety experts Tobias Gilk and Metrasens' own Kellye Mantooth to make sure you keep up-to-date with MRI Safety essentials.

The subject matter covered in this webinar will include:

- Nature of risk management
- Seven elements of TJC required annual MRI safety training
 - Patient screening
 - Positioning for burn prevention
 - Proper equipment for MR environment
 - Code procedures
 - Power-off vs. quench
 - Hearing protection
 - Patient anxiety/claustrophobia
- Facility minimum MRI safety requirements
- MRI safety QI standards for ferromagnetic intrusions

Participants during the live webinar are eligible for 1.0 category A CE credit. Must attend for at least 40 minutes.

Presented by: **Tobias Gilk, MArch, MRSO (MRSC™), MRSE (MRSC™)** and **Kellye Mantooth RT(R)(MR), MRSO(MRSC), MRSE(MRSC)**

REGISTER



WEDNESDAY, JULY 26, 2023

The Rise in MRI Projectile Accidents Videocast (Part 1)

Join us in this eye-opening videocast as we discuss a pressing issue in the healthcare field – the significant rise in MRI projectile incidents. We will discuss all of the latest incidents over the past several months for us all to get grounded on the issues that prevail in spite of the progress made over the last 22 years. Stay tuned as we publish this discussion during MRI Safety Week on our [YouTube](#), [Facebook](#), [LinkedIn](#), and [Twitter](#) channels.

Presented by: *Tobias Gilk, MArch, MRSO (MRSC™), MRSE (MRSC™) and Kellye Mantooth RT(R)(MR), MRSO(MRSC), MRSE(MRSC)*

STAY TUNED

THURSDAY, JULY 27, 2023

Key Contributors to the Projectile Accident Problem Videocast (Part 2)

In this thought-provoking videocast, we delve into the primary factors that contribute to the escalating problem of MRI projectile accidents. Join us as we shed light on the critical role of patient screening, preparation, and technologist expertise in mitigating these risks. Tune in to gain a comprehensive understanding of the key factors that need to be addressed to ensure the safety of MRI procedures for all involved. We'll publish this discussion during MRI Safety Week on our [YouTube](#), [Facebook](#), [LinkedIn](#), and [Twitter](#) channels.

Presented by: *Tobias Gilk, MArch, MRSO (MRSC™), MRSE (MRSC™) and Kellye Mantooth RT(R)(MR), MRSO(MRSC), MRSE(MRSC)*

STAY TUNED

FRIDAY, JULY 28, 2023

Demystifying the Evolution of FMD: Tracing FMD's Remarkable Journey Over the Past Two Decades

Join us in this captivating videocast as we demystify the evolution of Ferromagnetic Detection technology. Over the past two decades, Ferromagnetic Detection has made significant strides in enhancing MRI Safety. In this videocast, Dr. Mark Keene and Kellye Mantooth will uncover the science behind Ferromagnetic Detection, explore its wide-ranging applications, and understand how it has revolutionized the identification and management of ferromagnetic hazards. Stay tuned as we publish this discussion during MRI Safety Week on our [YouTube](#), [Facebook](#), [LinkedIn](#), and [Twitter](#) channels.

Presented by: *Dr. Mark Keene and Kellye Mantooth RT(R)(MR), MRSO(MRSC), MRSE(MRSC)*

STAY TUNED

<https://www.youtube.com/watch?v=KCG8uRuHezI>

The image shows a YouTube video player interface. At the top left is the 'EVERYTHING MRI' logo, which consists of a stylized infinity symbol in green and orange. The main title of the video is 'Everything MRI Interviews Samuel Oliveira x Doug Boyd' in large white text. Below the title, there is a 'Premiere tra 17 ore' (Premiere in 17 hours) notification with a bell icon and the text '23 luglio alle ore 16:00'. To the right of this is an 'Avvisami' (Notify me) button. The video player shows a microphone and a colorful particle effect at the bottom. Below the video player, the video title 'MRI Safety Week 2023 - Everything MRI & Doug Boyd' is displayed. The channel name 'Everything MRI' is shown with a subscriber count of '2050 iscritti' and an 'Iscriviti' (Subscribe) button. To the right of the channel name are icons for likes (0), comments, shares, and a menu. The video description reads: '1 in attesa Premiere: 23 lug 2023 An Introduction to the MRI Safety Challenge Series from Everything MRI to celebrate MRI safety week 2023. In this captivating video, we introduce an exciting series of challenges and posts that delve into various safety aspects related to MRI procedures. Each challenge aims to spark *healthy discussions* among our esteemed community members, including healthcare professionals, researchers, students, and all those passionate about patient safety.'

MRI Safety Week 2023

July 24 - 30

***Strengthen
MRI Safety***