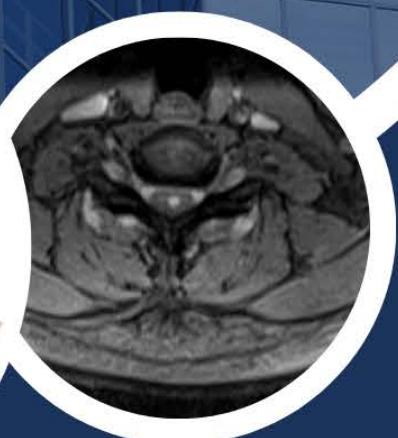
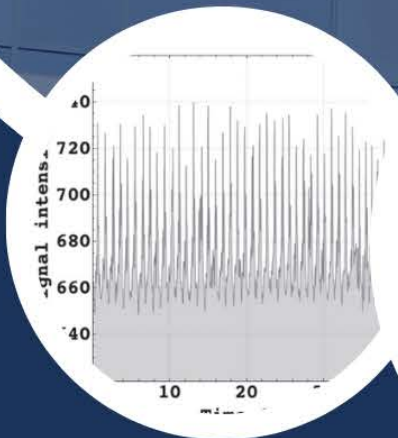




ISRRRT MR-SAFETY SEMINAR

COPENHAGEN DENMARK, 24-25 SEPT 2024

VENUE: RADISSON BLU SCANDINAVIA HOTEL



PRICE: 300 EURO INCLUDING DINNER : PARTICIPANTS LIMITED TO 100 SEATS
SUPPORTED BY: NORWEGIAN SOCIETY OF RADIOGRAPHERS, DANISH COUNCIL OF RADIOGRAPHERS, SWEDISH SOCIETY OF RADIOGRAPHERS, EFRS AND ISMRT



KEY NOTE SPEAKER : FRANK G. SHELLOCK,
PHD, FACR PROFESSOR OF RADIOLOGY, USC WWW.MRISAFETY.COM

Speakers (at glance)

- ✓ Napapong Pongnapang, PhD, President ISRRRT
- ✓ Martin Graves, Professor of Magnetic Resonance Physics, UK
- ✓ Jonathan McNulty, professor, EFRS representative, IR, President elect ESMRMB
- ✓ Christine Eikefet, Assistant professor, Radiographer, NO
- ✓ Titti Owman, Research coordinator, Radiographer, ISMRT past president, SE
- ✓ Håkon Hjemly, Vice President ISRRRT
- ✓ Jakob Moellenbach Moeller, PhD, Radiographer, DK
- ✓ Johan Kihlberg, Associate professor, Radiographer, SE
- ✓ Isabella Bjørkman Butcher, Professor, Radiologist, SE
- ✓ Anne Dorte Blankholm PhD, MSc, radiographer, Clinical Researcher, DK. ISMRT Past President, EFRS representative in the ESR MR quality and safety working group.

HOTEL AT VENUE (LIMITED) TO SPECIAL PRICE - CODE AVAILABLE AT REGISTRATION PAGE

*The seminar will be EFRS CPD Endorsed

Scan the QR code for:
Program, learning objectives and registration



ISRRT MR-SAFETY SEMINAR 24-25 SEPT 2024 IN COPENHAGEN
PRELIMINARY PROGRAM
DAY 1: 24 SEP 2024

TIME	TITLE	CONTENT	OBJECTIVES	SPEAKER
09:00	Registration		Coffee, Socializing, Registration	
10:00-10:30	Welcome	Introduction	Global perspectives on radiographers' competencies and role in MR safety	Napapong Pongnapang, PhD, President ISRRT, TH Håkon Hjemly, Vice President ISRRT, NO
10:30-12:00 (15 min break)	MR Safety Physics	Static, time-varying gradient magnetic, and radiofrequency fields	Introduction to each electromagnetic field and its potential hazards, including effects on implants	Martin Graves, Ph.D., Professor of Magnetic Resonance Physics, UK
12:00-12:50	Vendor presentation,	Philips		
12:50-13:00	Summary			
13:00-13:50	Lunch break			
13:50-14:30 40 min	Patient Preparation MR Safety Screening	When, how and why: The patient in the MR system	Knowledge of practical aspects due to patient preparation in a clinical MRI setting: Positioning, padding, gowning, etc.	Titti Owman, Research Coordinator, Radiographer, FISMRT, SE
14:30-15:00 30 min	MR Environment Emergency	Zones, Labeling (equipment and implants), etc.	Knowledge of practical aspects due to safety zones, stray electromagnetic fields, and equipment in a clinical MRI setting	Jacob Møller, Ph.D., Senior Radiographer, DK
20 min	Short break			
15:20-15:50 30 min	Teamwork	MRSO, MRMD/MRRD, MRSE	Exploring different professional roles regarding MR safety	Anne Dorte Blankholm, PhD, Radiographer, Senior researcher, FISMRT, DK
15:40-16:00 20 min	Education for the MR System Operator/Others in the MR Environment	Educational levels	Understanding of the different levels of education in MR safety	Christine Eikefet, M.Sc., Assistant professor, Radiographer, NO
16:00-16:20 20 min	Adverse Events Associated with MR	Reporting, systems. How/where to report	Knowledge of incident-reporting and feedback process	Johan Kihlberg, Ph.D., Associate professor, Radiographer, SE
16:20-16:40	Vendor presentation,	Siemens		
10 min	Short break			
16:50-17:10 20 min	MR Safety Guidelines	Commonalities, staffing, remote scanning	Introduction to international recommendations on MR safety	Anne Dorte Blankholm, Ph.D., Radiographer, Senior researcher, FISMRT, ISMRT Representative, DK
17:10-17:40 30 min	European Regulations	Law and responsibility	Introduction to regulation of MRI safety, including the radiographer's responsibilities in Europe	Jonathan McNulty, Ph.D., Professor, EFRS representative, IE
17:40-18:00	Summary			Program committee
19:30	Dinner			



ISRRT MR-SAFETY SEMINAR 24-25 SEPT 2024 IN COPENHAGEN

PRELIMINARY PROGRAM

DAY 2: 25 SEP 2024

TIME	TITLE	CONTENT	OBJECTIVES	SPEAKER
Start 08:30				
08:30-10:00 40 min	Keynote Lecture Three Factors Responsible for Most MRI-Related Adverse Events	Preventing adverse events in the MR setting	Preventing adverse events in the MR setting	Frank G. Shellock, Ph.D., FACR, FACC, FISRM, University of Southern California, USA
20 min	Short break			
10:20-10:35 15 min	Vendor Presentation, Kopp Development	Ferromagnetic detection systems		Gio Korp
10:35-10:50 15 min	Vendor Presentation, Metrasens	Ferromagnetic detection systems		Dr. Mark Keene
10:50-11:50 60 min	Keynote Lecture MRI-Related Issues, Labeling Terminology, and Information for Passive and Active Implants	Information for MRI-related issues, labeling, and information for passive and active implants	Understanding the terminology and how to safely perform MRI-examinations in patients with passive and active implants	Frank G. Shellock, Ph.D., FACR, FACC, FISRM, University of Southern California, USA
11:50-12:15 15 min	Vendor Presentation, NordInsight	Beyond the scan: A startup story of redefining MR safety	Understanding of the different levels of education in MRI safety	Simon Elliott Thomassen, Co-founder and CEO, NordInsight
12:15-13:15	Lunch break			
13:15-13:45 30 min	Risk Benefit Analyses	To scan or not to scan the patient	Understanding a team-based, practical approach to a risk-benefit analysis	Isabella Björkman-Burtcher, Professor of Neuroradiology, ISMRM Safety Committee, SE
13:45-14:15 30 min	Practical Scanning and Other Safety Considerations	SAR and BI+RMS Patients at risk of tissue, heating, acoustic noise effects, PNS, etc.	Knowledge of practically-oriented, user interface parameters for clinical MR safety	Jacob Møller, PhD, Senior Radiographer, DK
14:15-14:45 30 min	Vendor Presentation Safety of Gadolinium-Based MR Contrast Agents	Information pertaining to the safety aspects of gadolinium-based MR contrast agents	Knowledge of and skills in managing risks of gadolinium-based MR contrast agents	TBD, Bracco
15 min	Short break			
15:00-16:00 60 min	Cases Studies: Scanning Patients in Off-Label Situations	How to understand the labeling of passive and active implants, in-house politics, or guidelines	Practical approach to real cases and events	Program committee
16:00-16:30	Summary and closure	Panel discussion		Program committee

The aim of this course is to focus on MR safety with a practical-theoretical approach for use in the clinical setting. The course begins with introduction to the three main fields within MR. The participant should be able to understand how to safely relate to scanning of active and passive implants, also understand how implants are tested and how to consider these safely for undergoing MR-examination. Further, the participant should have knowledge about MR-zones and risk-factors related to the MR-environment. With a practical approach to the scanning-process, several safety aspects will be reviewed as well as preparation and scanning of patients. The participant will also be given lectures to understand European regulations, guidelines, the radiographers role and accident-reporting in MR. We are inviting vendors to give lectures about their safety-related applications, and look forward to two days with excellent lecturers and a clinical approach. This course will suit radiographers, radiologists and physicists in the clinical setting.