

2nd Announcement



MRI Safety In Clinical Practice Course



20th July 2019
8.00 am - 5.00 pm
Faculty of Medicine
& Health Sciences
UPM

Organized by
Department of Imaging
Faculty of Medicine & Health Sciences
Universiti Putra Malaysia

Objective

Magnetic Resonance Imaging (MRI) has become a major diagnostic imaging modality over the past 30 years. It has a superior soft-tissue contrast compared to other radiological imaging modalities and its physiological and functional applications have led to a significant increase in MRI scans worldwide. Improvements in technology have resulted in faster imaging sequences and clinical systems with field strengths of up to 3 Tesla. Unfortunately, the number of reported safety incidents has increased significantly. A comprehensive MRI safety training to protect patients and other healthcare workers from potential bio-effects and risks of the magnetic fields in an MRI suite is therefore essential. The knowledge of the purpose of safety zones in an MRI suite as well as MRI appropriateness criteria is important for all healthcare professionals who will work in the MRI environment or refer patients for MRI scans. This course covers all major aspects of the most current information on MR Safety.

Target Audience

- Health care professional: Radiologist, Surgeon, Cardiologist, Medical Officer
- Medical Assistant Officer
- Science Officer
- Radiographer
- Nurse
- MRI Researcher
- Occupational Health Safety Officer

Organizing Committee

Advisor : Prof. Dr. Ahmad Sobri Muda
Chairperson : Dr. Nur Farhayu Omar
Secretary : Pn. Salasiah Mustafa
Treasurer : Cik Amalina Abu @ Amu

Committee members:

Dr. Noramaliza Mohd. Noor	En. Izwan Mukhriz Ibrahim
Prof. Madya. Hairil Rashmizal Abd Razak	Pn. Noraida Mohammed Shamsudin
En. Hazri Zainudin	Cik Rinchau
En. Muhammad Hishar Hassan	Cik Nadia Salwa Jalaldin

Tentative Program

Time	Topic	Speaker
0800 - 0830	Registration	
0830 - 0845	Welcome remarks	
0845 - 0915	Prediction in MRI Safety	Dr. Nur Farhayu Omar <i>Universiti Putra Malaysia</i>
0915 - 1000	Basic MRI: Proton to Picture	AP. Dr. Ahmad Nazlim Hj. Yusoff <i>Universiti Kebangsaan Malaysia</i>
1000 - 1015	Tea Break	
1015 - 1100	Instrumentation and Bio-Effects <ul style="list-style-type: none"> - <i>Static Field, Radiofrequency Consideration</i> - <i>Spatial and Time-Varying Gradient Fields</i> - <i>Managing SAR, Biologic Effect, Preventing Patient Burn</i> 	Dr. Azlan Che Ahmad <i>Universiti Malaya</i>
1100 - 1145	MR Designation, Zoning and Labelling <ul style="list-style-type: none"> - <i>Personnel and MRI room designation</i> - <i>Safety zones and restriction</i> - <i>MRI conditional labelling</i> 	Mdm. Sharizan Shaharruddin <i>Universiti Malaya Medical Centre</i>
1145 - 1230	Preparing Patients and Non-Patients <ul style="list-style-type: none"> - <i>Screening and Ferromagnetic Detection System</i> - <i>Monitoring methods</i> 	Siti Salwa Azahar <i>Universiti Malaya Medical Centre</i>
1230 - 1315	Imaging Patients With Implants and Devices <ul style="list-style-type: none"> - <i>Identifying type of implants and devices</i> - <i>Steps to retrieve information for implants and devices</i> - <i>Decision to say 'Yes'</i> 	AP. Dr. Raja Rizal Azman Raja Aman <i>Universiti Malaya</i>
1315 - 1400	Lunch	
1400 - 1445	Contrast Agent Safety and Managing Patients with Problems <ul style="list-style-type: none"> - <i>Types and effect of contrast agent</i> - <i>Handling patients with claustrophobic, anxiety, sedation, children and baby.</i> 	Dr. Suzana Ab Hamid <i>Universiti Putra Malaysia</i>
1445 - 1515	Helium Monitoring & Quenching Consideration <ul style="list-style-type: none"> - <i>Cool head, Helium Level Checking, Quenching Phenomena, Performing an emergency magnet quench</i> 	Mr. Faridzul Idlan Kipli <i>Philips</i>
1515 - 1530	MRI in ED: Avoiding unnecessary radiation	*TBA
1530 - 1600	Emergency Procedures in MRI Room <ul style="list-style-type: none"> - <i>Medical emergency, Fire alarm, Non-Fire Facility Emergencies & Audible Alarm</i> 	Mr. Faridzul Idlan Kipli <i>Philips</i>
1600 - 1630	Incidents in MRI: Sharing is Learning	Dr. Nur Farhayu Omar <i>Universiti Putra Malaysia</i>
1630 - 1700	Coffee & End	

CPD Point

CPD/SME points will be updated .

Registration Fees

The fee for registration of the course,

Government: **RM 100**

Private : **RM 150**

Number of seats are limited. Please make registration before:

12th July 2019.

Upon receiving the online registration form, the secretariat will send an email of confirmation.

Online Registration

For online registration please go to this website:

http://bit.ly/mrisicp_upm

Payment Method

- Please complete the online registration process.
- Payment of registration fees can only be made via online banking and LPO.
- Full payment **MUST** be made within 2 weeks from the registration date.
- The cancellation of registration is not refundable.

Payment can be made directly to the following account:

Account Name: Kira-Kira AM UPM

Bank Name : CIMB Bank Berhad

Account No. : 8002151963

Please email the proof of payment to mrisafetyupm@gmail.com

Contact Us

Any inquiry, please contact:

Mr. Mohammad Hishar Hassan

Phone :03-8947 2498

Email: mrifafetyupm@gmail.com

For the registration payment, please contact:

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For more information please visit the MRISICP website:

http://bit.ly/mrisicp_upm