

CONTINUING MEDICAL EDUCATION

TITLE: MRI SAFETY

DATE AND VENUE: On November 8th, 2023. from 10.00 a.m to 1.30 p.m
The Department of Radiology,
TAGORE MEDICAL COLLEGE AND HOSPITAL.

INVITATIONS -



TAGORE

MEDICAL COLLEGE & HOSPITAL

(Affiliated to the Tamil Nadu Dr. MGR Medical University, Chennai)
Rathinavelingallem - Manikotaiyur (PO), Chennai - 127



THE FACULTY AND STAFF OF THE DEPARTMENT OF RADIODIAGNOSIS
cordially invite you all for-
INTERNATIONAL DAY OF RADIOLOGY (IDOR) CELEBRATION - 2023
with CONTINUING MEDICAL EDUCATION on
"MRI SAFETY"
on
8th November Wednesday, 2023, 10.00 AM - 1.30 PM
Venue:- Tagore Medical College and Hospital, Auditorium 4th Floor



CHIEF PATRONS



Prof. Dr. M. MALA
M.A., M.Phil., Ph.D.,
Chairperson & Managing Trustee,
Tagore Educational Trust



Mr. G. MANIKANDAN
Secretary,
Tagore Educational Trust

GUEST SPEAKER



Dr. VICTOR RAKESH LAZAR, Ph.D
Assistant Professor of Radiology Physics,
Department of Radiodiagnosis,
SRM Medical College Hospital and Research Centre,
Chennai.

Prof. Dr. J. MUTHUKUMARAN B.D., M.S., M.Ch.,
Dean, TMCH

Prof. Dr. D.H. GOPALAN M.S., Ph.D., ACME
Vice Principal & HOD - Dept. of Anatomy, TMCH

Prof. Dr. I. GURU BHARATH MD, Ph.D
Professor & HOD, Department of Radiodiagnosis,
Organizing Co-Chairman

Prof. Dr. B. JAYAKUMAR M.S. Orthopaedics
Medical Superintendent, TMCH

Dr. M. PRABAKARAN B.Sc, MD, DMRD
Director, Department of Radiodiagnosis,
Organizing Chairman

Dr. SYED ZUBAIR AHMED MD, RD
Assistant Professor, Department of Radiodiagnosis,
Organizing Secretary

GEOTAG PHOTOS –





SPEAKER: Dr. Victor Rakesh Lazar, Ph.D. Assistant professor Radiology physics department of radio diagnosis, SRM medical college Hospital and research centre, Chennai .

NUMBER OF PARTICIPANTS: More than 100 people .

BRIEF REPORT: Magnetic Resonance Imaging (MRI) has revolutionized the field of medical diagnostics. It provides detailed images of internal body structures without

the use of harmful radiation. However, while MRI is generally considered safe, there are certain risks associated with this technology that need to be addressed.

Firstly, one of the main concerns with MRI safety is the presence of ferromagnetic objects in the scanning room. These objects can become projectiles when exposed to the strong magnetic field generated by the MRI machine. Therefore, it is crucial to ensure that all patients and staff entering the scanning room are thoroughly screened for any metallic implants or devices that could pose a risk.

Furthermore, patients with pacemakers or other electronic implants may not be suitable candidates for an MRI scan due to potential interference with these devices. It is essential for healthcare professionals to carefully evaluate each patient's medical history and consult with specialists before proceeding with an MRI examination.

Additionally, proper training and education regarding MRI safety protocols are vital for all healthcare personnel involved in operating these machines. They must understand how to handle emergencies such as quenching (sudden loss of cryogenic coolant), which can cause serious injury if not managed correctly.

In conclusion, while MRI technology offers numerous benefits in medical imaging, it is crucial to prioritize safety measures. Strict adherence to screening protocols and thorough evaluation of patient suitability are essential steps towards ensuring a safe environment during MRI examinations. Continuous education and training will further enhance overall safety standards within healthcare facilities utilizing this valuable diagnostic tool.

ORGANIZED BY : The department of Radio Diagnosis, Tagore medical college and hospital.