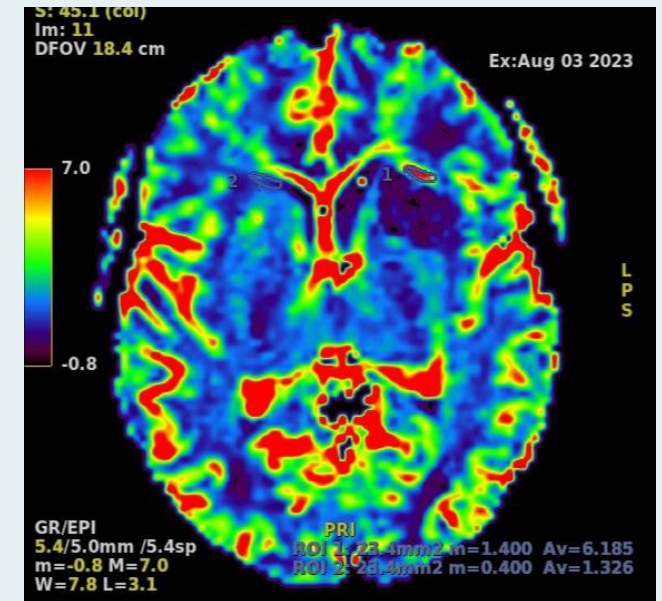
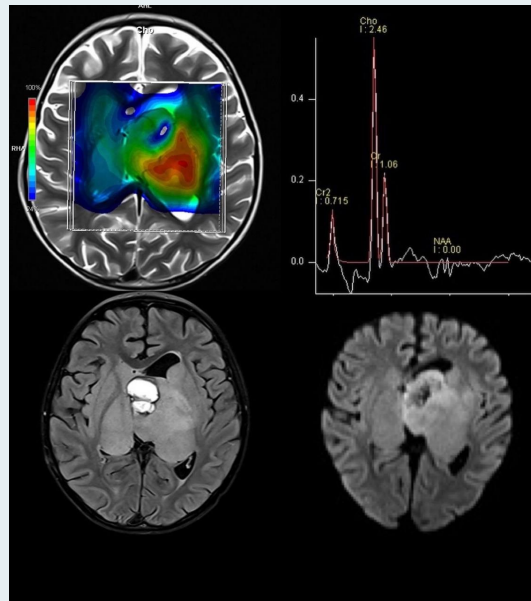
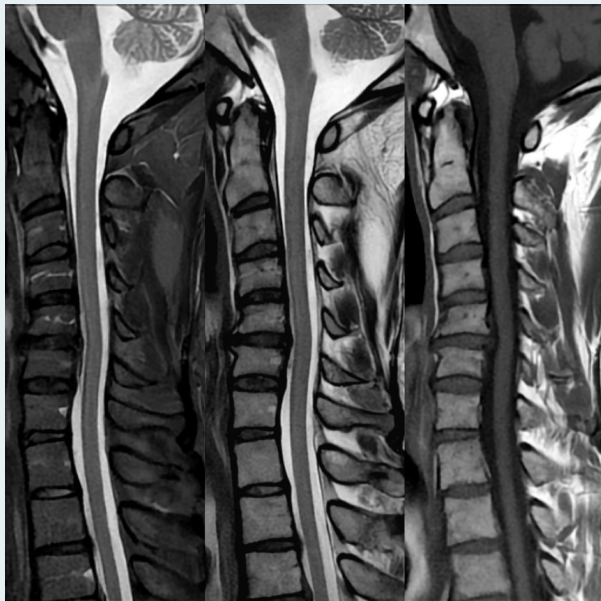




# School of Allied Medical Sciences Radiology Technology Department

## Medical Imaging Short Term Courses



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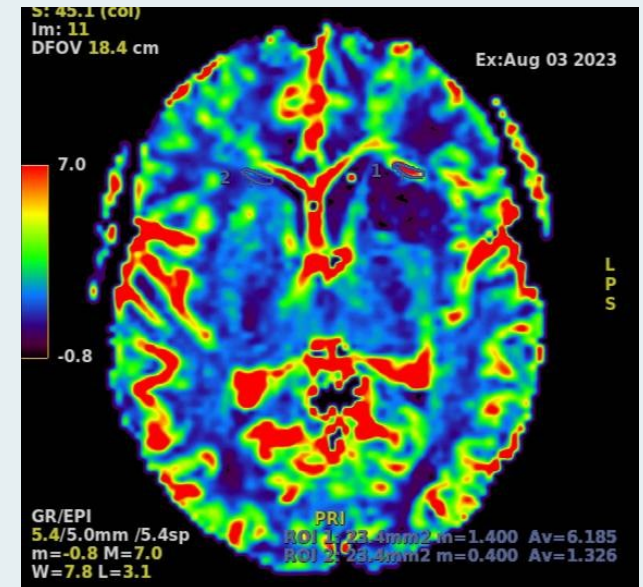
School of Allied Medical Sciences  
Radiology Technology Department

**Medical Imaging Short Term Courses**

Ready to take your Medical Imaging skills to the Next Level?  
Enroll in our Medical Imaging Education Dept.

Here at SBMU - School of Allied Medical Sciences, we know that every Medical imaging Dept. and Radiology Technologist has unique needs and challenges.

That's why our Medical imaging courses are designed to be flexible and customizable , so that you can get the exact training and support you need.





## School of Allied Medical Sciences Radiology Technology Department

Established over 40 years ago, the Department of Radiology Technology at the School of Allied Medical Sciences, SBMU, specializes in providing both general and specialized training in Radiology and Medical imaging.

This Department offers a range of main courses including Radiology Technology and Radiation therapy at the undergraduate level, along with Radiobiology and Medical Imaging Technology –MRI at the graduate level.

In addition to degree-based courses and majors , numerous short term general and specialized medical imaging certificate-based courses are offered to meet the needs of Medical imaging departments and clinics which covers important and applied subjects mainly in the field of MRI, CT scanning, Sonography and Mammography.

So If you're looking for expert Medical Imaging Physicists and Application Specialists to support your Medical Imaging department, look no further than our Radiology Technology Department. We are well-equipped to provide expert guidance and support through our qualified physicists and application specialists.





## Medical Imaging Short Term Courses

Our “MRI Clinical Physics for radiologists” course is designed to provide radiologists with the knowledge and skills they need to understand the physics behind MRI and Image interpretation .

MRI is one of the most complex and advanced imaging modalities, used for primary and differential diagnosis of disease in different parts and systems of human body. Because of its superior contrast resolution, MRI sometimes is used as first modality of choice in diagnosing various diseases of human body especially in central nervous system, musculoskeletal and also in many other parts of the body including abdomen and breast. Having a good knowledge of physical principles of MR imaging with emphasis on patient pathology is essential and necessary for accurate and precise interpretation of MR images in different clinical situations for radiologists.



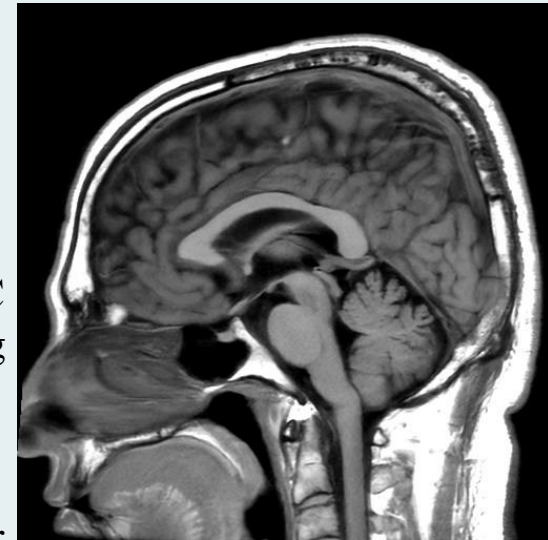
For more information about course curriculum , Timetable, and fees, Please email [f\\_faeghi@sbmu.ac.ir](mailto:f_faeghi@sbmu.ac.ir) or WhatsApp +98-921-700-5465.  
Course director: Dr. Fariborz Faeghi



## Medical Imaging Short Term Courses

Our “MRI Clinical Physics for Radiology Technologists ” course is tailored to the specific needs of technologists who works in Medical Imaging Departments.

This (our) MRI educational short term program is designed to meet the needs of Radiologic Technologists entering the field of Magnetic Resonance Imaging . Our MRI Educational team provides instructions in physical principles and concepts of MR imaging, including basic principles ,basic and advanced MR pulse sequences including Spin echo , Fast Spin Echo and Gradient echo sequences , image quality, artifacts , Flow phenomena ,Magnetic Resonance Angiography including TOF MRA , PC MRA ,Contrast Enhanced MRA (CE-MRA) ,Diffusion Weighted Imaging (DWI) with main emphasis on applied aspects and clinical applications just similar to cases come in real clinical situations in MRI departments. We highly recommend this course to Radiology technologists who are working in MR imaging centers and want to improve their capabilities or want to start working in near future.



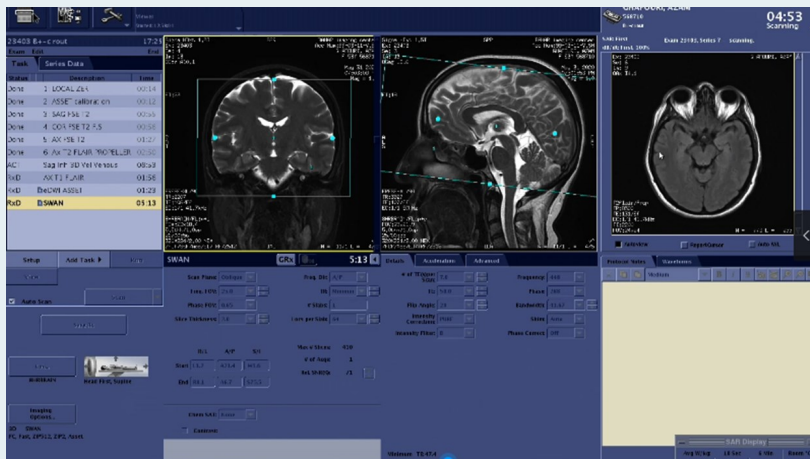
For more information about course curriculum ,Timetable, and fees,

Please email [f\\_faeghi@sbmu.ac.ir](mailto:f_faeghi@sbmu.ac.ir) or WhatsApp +98-921-700-5465. Course director: Dr. Fariborz Faeghi



# Medical Imaging Short Term Courses

Our “MRI Techniques for Radiology Technologists ” course is designed to provide a comprehensive overview of MRI techniques and their clinical applications. In this course you will learn about the latest imaging protocols and techniques, as well as how to optimize scans for different clinical scenarios.



For more information about course curriculum ,Timetable, and fees,

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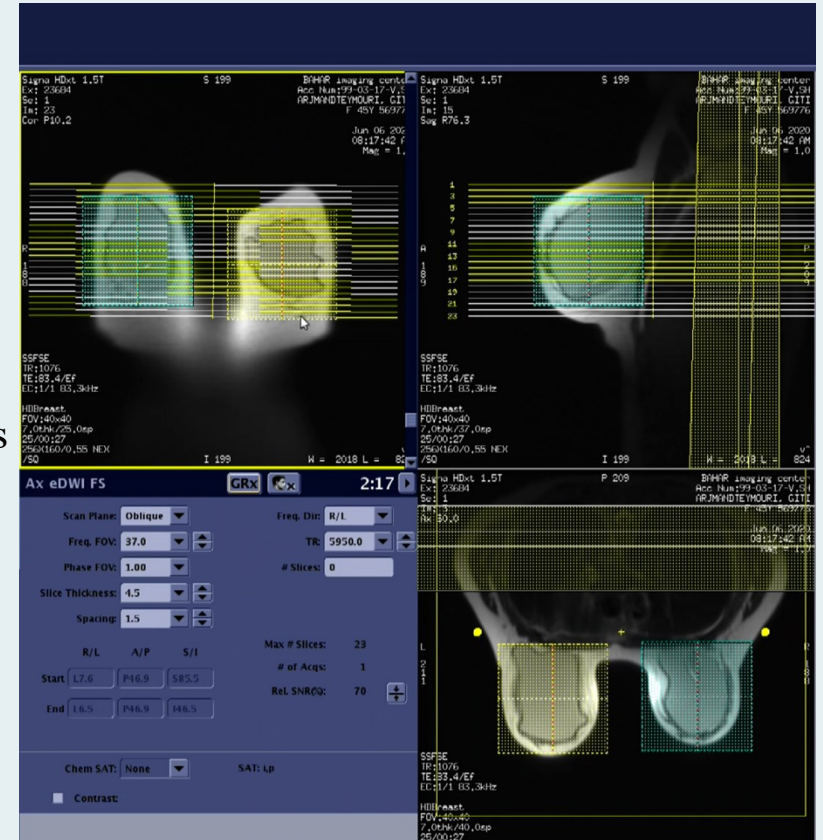


# Medical Imaging Short Term Courses

## Breast MRI :Physical principles and Techniques

*Breast MRI* has emerged as a valuable diagnostic adjunct to mammography and breast ultrasound in the detection of primary and recurrent breast cancers and as an important screening tool in women at high risk for breast cancer. Still many radiologists who rely on MRI do not have knowledge of the fundamentals essentials to achieving and maintaining high image quality.

This short term course is specially designed to cover the basic principles of breast MR imaging including physical principles, indications, patient preparation , positioning , proper coil selection , anatomic planes , MR pulse sequences , tips and tricks and important notes about proper protocol selection according to clinical needs and patient condition and takes a practical approach to breast imaging that helps radiologists and MR technologists improve their breast MRI protocols. We highly recommend this course for MR technologists who want to enter or at pre-



For more information about course curriculum ,Timetable, and fees,

Please email [f\\_faeghi@sbmu.ac.ir](mailto:f_faeghi@sbmu.ac.ir) or WhatsApp +98-921-700-5465. Course director: Dr. Fariborz Faeghi