

**RADIOLOGY TRAINING PROGRAM**  
**(2 weeks)**  
**YEDİTEPE UNIVERSITY HOSPITAL**

Head of the Department of Radiology: **Başar Sarıkaya, MD Assoc. Prof.**  
**Neslihan Taşdelen, MD Assoc. Prof.**  
**Melih Topçuoğlu, MD Assist. Prof.**  
**Emrah Karatay, MD**  
**Özgür Sarıca, MD**

<b>CLERKSHIP</b>	<b>RADIOLOGY</b> <i>Aim of this clerkship is to;</i>
<b>AIM</b>	<ol style="list-style-type: none"><li>1. <b>equip</b> students with necessary knowledge and skills to recognize indications of basic and most commonly used radiological modalities,</li><li>2. <b>equip</b> students with necessary knowledge and skills to evaluate results of basic and most commonly used radiological modalities</li></ol>
<i>At the end of this term, student should be able to:</i>	
<b>KNOWLEDGE</b>	<ol style="list-style-type: none"><li>1. <b>outline</b> basic knowledge on physical principles and mechanisms of basic radiological modalities (<i>direct roentgenogram, ultrasound, computed tomography, magnetic resonance imaging</i>).</li><li>2.1. <b>recognize</b> unwanted effects of X-ray radiation,</li><li>2.2. <b>explain</b> ways of protection</li></ol>
<b>SKILLS</b>	<ol style="list-style-type: none"><li>3. <b>choose</b> optimal radiological modality in most commonly encountered pathologies and in emergency medical conditions</li><li>4.1. <b>identify</b> basic emergency conditions on radiological images,</li><li>4.2. <b>inform</b> responsible clinician</li></ol>

## ASSESSMENT TABLE

This table shows question types and assessment methods/tools that used in training program.

<b>Questions Types (Pencil-Paper Tests)</b>	<b>Proportion (in Pass/Fail Decision)</b>
Multiple Choice Questions	50%
Extended Matching Questions	5%
Key Features	20%
Short Response Essay Questions	25%
<b>Total</b>	<b>100 %</b>
<b>Other Assessment Methods and Tools</b>	<b>Proportion (in Other Assessments Methods and Tools)</b>
Oral Exam (OE)	90%
Evaluation of Case Presentation (Without Checklist)	5%
Evaluation of Student's Seminar (Without Checklist)	5%
<b>Total</b>	<b>100 %</b>
<b>Pass/Fail Decision</b>	<b>Proportion (in Pass/Fail Decision)</b>
Pencil-Paper Tests	50%
Other Assessments Methods and Tools	50%
<b>Total</b>	<b>100 %</b>

**Phase V Week I**

	Monday	Tuesday	Wednesday	Thursday	Friday				
09.00- 09.50	<b>Introductory Session</b> (Introduction to Radiology) <i>Neslihan Taşdelen</i>	<b>Lecture</b> Neuroradiology <i>Başar Sarıkaya</i>	<b>Lecture</b> Gastrointestinal and Hepatobiliary Imaging <i>Melih Topçuoğlu</i>	<b>Lecture</b> Imaging of Musculoskeletal System <i>Neslihan Taşdelen</i>	<b>Lecture</b> PA Chest Radiograph <i>Emrah Karatay</i>				
10.00- 10.50	<b>Lecture</b> Radiation Physics <i>Neslihan Taşdelen</i>	<b>Lecture</b> Neuroradiology <i>Başar Sarıkaya</i>	<b>Lecture</b> Gastrointestinal and Hepatobiliary Imaging <i>Melih Topçuoğlu</i>	<b>Lecture</b> Imaging of Musculoskeletal System <i>Neslihan Taşdelen</i>	<b>Lecture</b> Chest Imaging <i>Emrah Karatay</i>				
11.00- 11.50	<b>Lecture</b> X-Ray Safety and Protection <i>Neslihan Taşdelen</i>	<b>Lecture</b> Neuroradiology <i>Başar Sarıkaya</i>	<b>Lecture</b> Gastrointestinal and Hepatobiliary Imaging <i>Melih Topçuoğlu</i>	<b>Lecture</b> Imaging of Musculoskeletal System <i>Neslihan Taşdelen</i>	<b>Lecture</b> Chest Imaging <i>Emrah Karatay</i>				
12.00- 13.50	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>				
14.00- 15.50	<b>Clinical experience (Outpatient)</b>		<b>Clinical experience (Outpatient)</b>		<b>Clinical experience (Outpatient)</b>		<b>Clinical experience (Outpatient)</b>		
	Group A	Group B	Group B	Group A	Group A	Group B	Group B	Group A	
	Neslihan Taşdelen	Melih Topçuoğlu	Başar Sarıkaya	Emrah Karatay	Melih Topçuoğlu	Emrah Karatay	Neslihan Taşdelen	Özgür Sarıca	Başar Sarıkaya
16.00- 17.50	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>				

**Phase V Week II**

	Monday	Tuesday	Wednesday	Thursday	Friday
09.00- 09.50	<b>Lecture</b> Breast Imaging <i>Özgür Sarıca</i>	<b>Lecture</b> Spinal Imaging <i>Başar Sarıkaya</i>	<b>Lecture</b> Cardiac Imaging <i>Neslihan Taşdelen</i>	<b>Assessment Session</b> (Oral examination)	<b>Assessment Session</b> (Written examination)
10.00- 10.50	<b>Lecture</b> Breast Imaging <i>Özgür Sarıca</i>	<b>Lecture</b> Vascular Interventions <i>Başar Sarıkaya</i>	<b>Lecture</b> Imaging of Head & Neck <i>Melih Topçuoğlu</i>		
11.00- 11.50	<b>Lecture</b> Genitourinary Imaging <i>Emrah Karatay</i>	<b>Lecture</b> Nonvascular Interventions <i>Başar Sarıkaya</i>	<b>Lecture</b> Vascular Imaging <i>Melih Topçuoğlu</i>		
12.00- 13.50	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>
14.00- 14.50	<b>Clinical Skills Training</b> Advanced MRI and CT Techniques and Postprocessing <i>Zeynep Fırat</i>	<b>Discussion / Journal Club</b> (Large Group) <i>Gr1-MT / Gr2-EK / Gr3-ÖS /</i> <i>Gr4-MT / Gr5-EK / Gr6-ÖS /</i> <i>Gr7-MT</i>	<b>Case-Based General</b> <b>Review Lecture</b> <i>Gr1-EK / Gr2-ÖS / Gr3-MT /</i> <i>Gr4-EK / Gr5-ÖS / Gr6-MT /</i> <i>Gr7-EK</i>	<b>Independent Learning</b>	<b>Program Evaluation Session</b> Review of the Exam Questions, Evaluation of the Program <i>Head of Department</i>
15.00- 15.50					
16.00- 17.50	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>		