

## 2023 Akita University Faculty of Medicine Syllabus

**Category** : 臨床医学 IV (CC1)  
**Course Title** : Practice of Radiology  
**Eligible Students** : grade 4 Related Course  
**Code** : 71643002-19

### 1. Lead Instructor

Naoko	Mori	(Professor, Department of Radiology, 6179, Office Hour: North Clinical Research Building 1F Conference Room (12:00 13:00))
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### 2. Instructors

Naoko	Mori	(Professor, Department of Radiology, 6179, Office Hour: North Clinical Research Building 1F Conference Room (12:00 13:00))
Yuki	Wada	(Lecturer, Department of Radiology, 6179)
Takahiro	Otani	(Assistant Professor, Department of Radiology, 6179)
Masazumi	Matsuda	(Assistant Professor, Department of Radiology, 6179)
Noriko	Takagi	(Assistant Professor, Department of Radiology, 6179)
Tomoki	Tozawa	(Assistant Professor, Department of Radiology, 6179)
Motoko	Konno	(Assistant Professor, Department of Radiology, 6179)
Satoshi	Kumagai	(Assistant Professor, Department of Radiology, 6179)

### 3. Course Description Outline(Course Objectives)

#### 1. 授業の概要及びねらい

将来どの分野の医師にも必要な放射線診断・治療に関する基本研修をする (3-3)

指導医の下、診断・治療の二つのチームに別れ研修する

関連するプロフェッショナリズム、医の倫理、医療安全、EBM、医療法（医療制度）について説明できる (2-5)

#### Course Description Outline

Participate in basic training for primary radiological diagnosis and oncology under a supervising physician. (3-3)

Students will be divided into two groups (Diagnosis and Oncology).

Explain related professionalism, medical ethics, medical safety, evidence-based medicine, and the medical system. (2-5)

#### 2. 講義内容・具体的到達目標・学修目標

CT,MR などの簡単な所見を見つけられる (3-3)

代表的な放射線治療法を理解できる (4-3)

#### Course Objectives

To find out simple abnormal findings on CT and/or MR (3-3)

To understand the basis of radiation treatment (4-3)

本科目は実務経験のある教員による授業科目です。

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#### 4. Textbook/Reference Books

標準放射線医学（医学書院）、臨床放射線腫瘍学（南江堂）、新臨床 X 線診断学（医学書院）

#### 5. Assessment

出席・態度・レポートにより評価する

Attendance, attitude, reports

#### 6. Out of Class Study/Message

必修コア事項を学習すること

Learn required matters related to radiology

経験記録、手帳の記載をする

Provide your practice records in the chart

週間予定表を確認すること

Check the weekly schedule.

授業に関連するキーワード：放射線診断、放射線防護と管理、総合画像診断、放射線治療、集学的治療

Key Words: Radiation Medicine , Radiation protection and management, comprehensive diagnostic imaging, radiation therapy, multidisciplinary treatment

コメント：月曜日 08：50 附属病院 1 階中央放射線部カンファレンスルームに集合

Mon 08:50 Meet up in the conference room in central radiology (Hospital 1F)  
Explain practical schedule in orientation

診断科治療科に分かれて実習する

小講義・カンファレンスの開催の有無は、担当医に確認する

木曜日 プレゼンテーション後に、簡単な骨学実習（頭蓋底、頸椎）

Practice will be divided into diagnostic and therapeutic departments

Check with your doctor if a small lecture/conference will be held

Thursday: Brief osteology practice (cranial base, cervical spine) after the presentation

放射線医学 臨床実習

Schedule		Contents of Class	
1	Mon [ 8:50- ] Subtitle Orientation of the practice Instructor Instructor	( Diagnosis )	08:50 Orientation Image reading practice (reading room) 13:15 Professor rounds (Conference room in central radiology) Lecture in a small group (reading room)
		( Oncology )	08:50 Orientation Clinical hours 13:15 Professor rounds (Conference room in central radiology) Lecture in a small group (reading room) 16:30 Ward rounds 17:00 Conference
2	Tue [ 8:00- ] Subtitle Individual practice Instructor Instructor	( Diagnosis )	08:00 Case study (reading room) 08:50 Image reading, IVR 13:30 Image reading, lecture 18:00 Conference
		(Oncology)	08:00 Case study (reading room) 08:30 Ward rounds 13:30 Clinical hours, lecture 16:30 Ward rounds 18:00 Conference
3	Wed [ 8:00- ] Subtitle Individual practice Instructor Instructor	( Diagnosis )	08:00 Conference 08:50 reading practice, IVR 13:30 RALS 15:00 Radiation management (RI center) Lecture
		( Oncology )	08:00 Conference 08:30 Ward rounds 13:30 RALS 15:00 Radiation management (RI center) Lecture 16:30 Ward round 17:00 Case study (medical office)
4	Thu [ 8:30- ] Subtitle Individual practice Instructor Instructor	(Diagnosis )	08:50 Reading practice 09:30 Case presentation (reading room) 13:30 Reading practice, lecture 17:30 Conference
		( Oncology )	08:30 Ward rounds 09:30 Case presentation (reading room) 13:30 Clinical hours, lecture 16:30 Ward rounds 17:30 Conference
5	Fri [ 8:30- ] Subtitle Individual practice Instructor Instructor	( Diagnosis )	08:50 Lecture PM Free study
		( Oncology )	08:30 Ward rounds 08:50 Lecture PM Free Study