

2026 Akita University Faculty of Medicine Syllabus

Category	: 臨床医学アドバンストコース
Course Title	: Respiratory Medicine
Eligible Students	: grade 4 Elective Course
Code	: 71594018
Schedule	: week 13 ~ week 13
Credits	: 0.5

1. Lead Instructor

Katsutoshi Nakayama (Professor, Department of Respiratory Medicine, 7510)

2. Instructors

Katsutoshi Nakayama (Professor, Department of Respiratory Medicine, 7510)

Kazuhiro Sato (Project Associate Professor, Department of Respiratory Medicine, 7510)

Masahide Takeda (Lecturer, Department of Respiratory Medicine, 7510)

Yuji Okuda (Project Assistant Professor, Advanced Research Center for Geriatric Medicine, 7510)

Sho Sakamoto (Project Assistant Professor, Advanced Research Center for Geriatric Medicine, 7510)

3. Course Description Outline(Course Objectives)

To deeply understand findings such as lung function and images, the basic skills of respiratory disease examinations, and to experience typical inspection techniques using a simulator. You will also learn professionalism(1-1 ~ 1-2), ethics, medical behavioral science, medical safety, medical law, the medical system, and evidence-based medicine.(1-1 ~ 1-2, 2-1 ~ 2-8, 3-1 ~ 3-7, 4-1 ~ 4-8, 5-1 ~ 5-5, 6-1 ~ 6-2)

4. Textbook/Reference Books

内科学（朝倉書店） 内科診断学（南江堂）

5. Assessment

態度、ミニ CEX、出席など

Attitude, mini CEX, attendance, etc.

6. Out of Class Study/Message

実習が中心となるため 10 名以内。

実習内容、担当については変更となる場合がある。

実習前・実習後に予習・復習をすること。

Since the practical training is the main focus, the number of participants is limited up to 10.

The content of the training and the instructor may be changed.

You must prepare and review before and after each training.

Topics and Contents of class, Course Objectives						
	Class Date	Period	Class Format	Topics and Contents of class, Course Objectives	Instructors	Class Room
1	7/1 (Wed)	5-8	Practice	Theme: Case study conference You will participate in case study conferences of inpatients and learn how to recognize problems, interpret clinical examinations, do clinical reasoning, decide treatment plans, and more.	Katsutoshi Nakayama	Conference room on the 7th floor of the 2nd ward
2	7/2 (Thu)	1-2	Exercise	Theme: No practical training	Masahide Takeda	Conference room on the 7th floor of the 2nd ward
3	7/2 (Thu)	3-4	Exercise	Theme: Bronchoscope training You will learn Bronchoscope techniques, precautions, using a simulator.	Yuji Okuda	Simulation Education Center
4	7/2 (Thu)	5-6	Exercise	Theme: Thoracentesis training You will learn Thoracentesis techniques, precautions, using a simulator.	Yuji Okuda	Simulation Education Center
5	7/2 (Thu)	7-10	Practice	Theme: Bronchoscopy You will observe bronchoscopies and learn about them.	Kazuhiro Sato	Central radiation department fluoroscopy room
6	7/3 (Fri)	3-4	Exercise	Theme: NPPV,HOT,HFT You will observe NPPV,HOT,HFT and learn about them.	Masahide Takeda	Treatment room on the 7th floor of the 2nd ward
7	7/3 (Fri)	5-6	Lecture	Theme: Chest x-ray interpretation seminar You will learn Chest x-ray interpretation techniques,etc.	Sho Sakamoto	Conference room on the 7th floor of the 2nd ward
8	7/3 (Fri)	7-8	Lecture	Theme: Blood gas analysis seminar You will learn Blood gas analysis techniques,etc.	Kazuhiro Sato	Conference room on the 7th floor of the 2nd ward