

## 2025 Akita University Faculty of Medicine Syllabus

**Category** : Clinical Medicine IV 臨床医学 IV (CC1)  
**Course Title** : Thoracic Surgery  
**Eligible Students** : grade 4 Related Course  
**Code** : 71643002-08

### 1. Lead Instructor

Kazuhiro Imai 今井一博 (Associate Professor, Department of Thoracic Surgery 胸部外科学講座, 6127)

### 2. Instructors

Kazuhiro Imai 今井一博 (Associate Professor, Department of Thoracic Surgery 胸部外科学講座, 6127)  
Yusuke Sato 佐藤雄亮 (Hospital Associate Professor, Department of Thoracic Surgery 胸部外科学講座, 6128)  
Kaori Terata 寺田 かおり (Lecturer, Department of Thoracic Surgery 乳腺・内分泌外科, 6132)  
Shinogu Takashima 高嶋 祉之具 (Lecturer, Department of Thoracic Surgery 呼吸器外科, 6132)  
Akiyuki Wakita 脇田 晃行 ((IGAKUBU) Lecturer, Department of Thoracic Surgery 食道外科, 6132)  
Eriko Takahashi 高橋 絵梨子 (Assistant Professor, Department of Thoracic Surgery 乳腺・内分泌外科, 6132)  
Yushi Nagaki 長 岐 雄 志 (Assistant Professor, Department of Thoracic Surgery 食道外科, 6132)  
Tsubasa Matsuo 松 尾 翼 (Medical Doctor, Department of Thoracic Surgery 呼吸器外科)  
Syouji Kuriyama 栗 山 章 司 (Assistant Professor, Department of Thoracic Surgery 呼吸器外科)

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

#### 1. 授業の概要及びねらい

診療参加型臨床実習を通して、医師としての知識、思考法、技能、態度の基本を学ぶ。

#### 2. 講義内容・具体的到達目標・学修目標

- 1) 患者に対する適切な態度がとれる (1-1～1-2, 2-1～2-3)
- 2) 身体所見、カルテ記載が自分でできる。総合的にみることができる (2-4～2-5, 4-1～4-3, 4-5～4-6)
- 3) 診断にいたる論理的思考、それに基づく適切な治療法を述べるができる (2-4, 3-1～3-3, 4-3～4-4, 5-3)

#### 3. 医療行動科学、医療倫理、医療安全、EBM、医療法(医療制度)について

関連するプロフェッショナリズム、医の倫理、医療安全、ICT を活用した EBM の実践、医療法(医療制度)について説明できる (1-1～1-2, 2-1～2-7, 3-5～3-7, 4-4, 4-7, 5-1～5-3, 6-2)

本科目は実務経験のある教員による授業科目です。

#### 1. General Instructional Objective (GIO)

The student will learn the knowledge, basis, mentality, skills, attitude as surgeon through the clinical clerkship.

#### 2. Specific Behavioral Objectives (SBOs)

The student can:

- 1) Take an appropriate attitude against the patient (1-1～1-2, 2-1～2-3)
- 2) Reveal the physical exams and Record the medical chart (2-4～2-5, 4-1～4-3, 4-5～4-6)
- 3) Explain the logical thinking of diagnosis and appropriate treatment based on them (2-4, 3-1～3-3, 4-3～4-4, 5-3)

#### 3. Concerning Behavioral Science, Ethics, Clinical and patient safety, EBM, The Medical Care Act

The student can explain the professionalism, Ethics, Clinical and patient safety, EBM, The Medical Care Act (1-1～1-2, 2-1～2-7, 3-5～3-7, 4-4, 4-7, 5-1～5-3, 6-2)

This is the course by certified general thoracic surgeons.

#### 4. Textbook/Reference Books

初日のオリエンテーションで、実習日誌・レポートのプリントを配布します。  
標準外科学（医学書院）他

Instructors will distribute the handouts including the challenge and training diary by the first day of the clinical clerkship.  
Hyojun Gekagaku, etc.

#### 5. Assessment

呼吸器、食道、乳腺・内分泌の各グループ毎に症例を割り当て、  
第2週の木曜の午後より症例検討発表会を行い、その内容や取組みを評価する。  
最終日にレポート・日誌を提出する。

Attendance and reports

We have a clinical therapeutic conference every Tuesday.

Instructors assess the student through case presentation on the 2nd Thursday in the clinical clerkship.

The student should hand in the reports and portfolio.

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

初日のオリエンテーションでグループ分けを行い、スケジュールを説明します。臨床実習開始前に予習ビデオを確認してもらいます。

We will explain the schedule by the first day of the clinical clerkship.

Before the clinical clerkship starts, you will be asked to watch a preparatory video.

Please group into Chest surgery, Esophageal surgery or Breast/Endocrine surgery.

Thoracic Surgery CC1 胸部外科学（外科学2）臨床実習

| Schedule                                                             | Contents of Class                                                                                                                                                                                                                                                                                                                                                                                              |
|----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>1 Mon [ 8:30-17:00 ]</p> <p>Subtitle</p> <p>Instructor スタッフ全員</p> | <p>8:30～ オリエンテーション<br/>（臨床研究棟南 3F 胸部外科学講座医局）</p> <p>病棟実習<br/>手術室実習（見学、手洗い、介助等）<br/>症例プレゼンテーションの準備・練習</p> <p>AM8:30- orientation (at the medical office of thoracic surgery on 3F, clinical research building)<br/>The student will:<br/>1) Train at the hospital (the ward and clinic) and operating room (study by observation, participation in surgery)<br/>2) Practice and prepare a case presentation</p> |
| <p>2 Tue [ 8:30-17:00 ]</p> <p>Subtitle</p> <p>Instructor スタッフ全員</p> | <p>8:00 集合、8:30～ 総回診、カンファレンス<br/>病棟実習<br/>18:00～ 食道がんボード（放射線科カンファレンス室）<br/>18:00～ 呼吸器合同カンファレンス</p> <p>AM8:00- clinical therapeutic conference, 8:30- doctors around<br/>18:00- preoperative conference in the team of esophageal surgery.<br/>18:00- preoperative conference in the team of chest surgery and breast/endocrine surgery.<br/>The student train at the hospital (the ward and clinic).</p>       |
| <p>3 Wed [ 8:30-17:00 ]</p> <p>Subtitle</p> <p>Instructor スタッフ全員</p> | <p>病棟実習<br/>手術室実習（見学、手洗い、介助等）</p> <p>The student trains at the hospital (the ward and clinic) and operating room (Study by observation, Participation in surgery)</p>                                                                                                                                                                                                                                          |
| <p>4 Thu [ 8:30-17:00 ]</p> <p>Subtitle</p> <p>Instructor スタッフ全員</p> | <p>病棟回診・実習<br/>検査見学</p> <p>The student trains at the hospital (the ward and clinic).<br/>The student studies by observation of some exams such as bronchoscopy, endoscopy and upper gastrointestinal series.</p>                                                                                                                                                                                               |
| <p>5 Fri [ 8:30-13:00 ]</p> <p>Subtitle</p> <p>Instructor スタッフ全員</p> | <p>病棟回診・実習<br/>手術室実習（見学、手洗い、介助等）<br/>14：20～ 医学医療総合講義</p> <p>The student trains at the hospital (the ward and clinic) and operating room (study by observation, participation in surgery)<br/>14:20- lectures for CC1</p>                                                                                                                                                                                       |
| <p>6 Mon [ 8:30-17:00 ]</p> <p>Subtitle</p> <p>Instructor スタッフ全員</p> | <p>8:30～ オリエンテーション<br/>（臨床研究棟南 3F 胸部外科学講座医局）</p> <p>病棟実習<br/>手術室実習（見学、手洗い、介助等）<br/>症例プレゼンテーションの準備・練習</p> <p>AM8:30- orientation (at the medical office of thoracic surgery on 3F, clinical research building)<br/>The student will:<br/>1) Train at the hospital (the ward and clinic) and operating room (study by observation, participation in surgery)<br/>2) Practice and prepare a case presentation</p> |

Thoracic Surgery CC1 胸部外科学（外科学2）臨床実習

| Schedule                                                              | Contents of Class                                                                                                                                                                                                                                                                                                                                                                                            |
|-----------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>7 Tue [ 8:30-17:00 ]</p> <p>Subtitle</p> <p>Instructor スタッフ全員</p>  | <p>8:00 集合、8:30～ 総回診、カンファレンス<br/>病棟実習<br/>18:00～ 食道がんカンファレンス（放射線科カンファレンス室）<br/>18:00～ 呼吸器合同カンファレンス</p> <p>AM8:00- clinical therapeutic conference, 8:30- doctors around<br/>18:00- preoperative conference in the team of esophageal surgery.<br/>18:00- preoperative conference in the team of chest surgery and breast/endocrine surgery.<br/>The student train at the hospital (the ward and clinic).</p> |
| <p>8 Wed [ 8:30-17:00 ]</p> <p>Subtitle</p> <p>Instructor スタッフ全員</p>  | <p>病棟実習<br/>手術室実習（見学、手洗い、介助等）</p> <p>The student trains at the hospital (the ward and clinic) and operating room (Study by observation, Participation in surgery)</p>                                                                                                                                                                                                                                        |
| <p>9 Thu [ 8:30-17:00 ]</p> <p>Subtitle</p> <p>Instructor スタッフ全員</p>  | <p>病棟回診・実習<br/>検査見学</p> <p>The student trains at the hospital (the ward and clinic).<br/>The student studies by observation of some exams such as bronchoscopy, endoscopy and upper gastrointestinal series.</p> <p>15:00- Student case presentation and lecture</p>                                                                                                                                         |
| <p>10 Fri [ 8:30-13:00 ]</p> <p>Subtitle</p> <p>Instructor スタッフ全員</p> | <p>病棟回診・実習<br/>手術室実習（見学、手洗い、介助等）<br/>14：20～ 医学医療総合講義</p> <p>The student trains at the hospital (the ward and clinic) and operating room (study by observation, participation in surgery)<br/>14:20- lectures for CC1</p>                                                                                                                                                                                     |