

## 2022 Akita University Faculty of Medicine Syllabus

**Category** : 臨床医学 IV (CC1)  
**Course Title** : Emergency&Critical Care Medicine  
**Eligible Students** : grade 4 Related Course  
**Code** : 71643002-20

### 1. Lead Instructor

Hajime Nakae (Professor, Department of Emergency and Critical Care Medicine, 6183, Office Hour: 8 : 30-17 : 00)

### 2. Instructors

Hajime Nakae (Professor, Department of Emergency and Critical Care Medicine, 6183, Office Hour: 8 : 30-17 : 00)

Manabu Okuyama (Associate Professor, Department of Emergency and Critical Care Medicine, 6184, Office Hour: 8 : 30-17 : 00)

Toshiharu Kitamura (Project Assistant Professor, General Medical Practice Center)

Kasumi Satoh (Project Assistant Professor, General Medical Practice Center)

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

#### 1 . 授業の概要及びねらい

- 1) 救急外来での初期診療について学ぶ
- 2)ICU での重症患者に対する集中治療について学ぶ
- 3) 救急医・集中治療医・総合診療医・家庭医について学ぶ
- 4) 心肺蘇生シミュレーションで一次救命処置と二次救命処置を学ぶ

#### 2 . 学習目標

- 1) 救急外来での緊急度判定ができる
- 2) 救急外来での初期評価 (ABCDE サーベイ) ができる
- 3) ショックの病態と治療を説明できる
- 4) 外傷初期診療を説明できる
- 5) 一次救命処置ができる
- 6) 二次救命処置を説明できる

#### 1. Outline and objectives of the course

- 1)Learn about initial treatment methods in the ER.
- 2)Learn intensive care treatment of critical patients in the ICU.
- 3)Learn about emergency and intensive care physicians, as well as general physicians and family practitioners.
- 4)Learn basic life support and advanced life support by simulated cardiopulmonary resuscitation.

#### 2.Learning goal

- 1)Perform degree of urgency in the ER.
- 2)Perform an initial examination in the ER.
- 3)Explain pathology and treatment of shock.
- 4)Explain primary trauma care.
- 5)Perform basic life support.
- 6)Perform advanced life support.

### 4. Textbook/Reference Books

Up To Date

## 5. Assessment

出席、シミュレーションの実技評価

Students are to be evaluated by attendance and practical performance in a simulation.

## 6. Out of Class Study/Message

- 1) 初日は毎朝 8 時 30 分 ICU カンファランス室集合  
\* 月曜日が祝日の場合は翌日午前 8 時 30 分 ICU カンファランス集合
- 2) WebCLass で事前学習、予習すること
- 3) 紙媒体での資料配布はありません。各自 WebCLass から用意し履修すること
- 4) 半袖の白衣を着用すること。ICU では感染制御の観点から長袖の白衣の着用を禁止しています。

問い合わせ：医局（6185）

- 1) Start at 8:30 a.m. in the ICU conference room
- 2) Study in advance with a WebCLass.
- 3) Paper-based handouts will not be provided. They are available to download from the WebCLass.
- 4) Wear a short-sleeved white coat (Long-sleeved one is prohibited from the view point of infection control)

Contact: Medical office (extension 6185)

救急・集中治療医学 臨床実習

Schedule		Contents of Class
1	Mon [ 8:30 ~ 17:00 ] Orientation Subtitle Clinical practice in ICU and hospital ward Instructor Manabu Okuyama	1)Learn how to handle severe medical emergencies. 2)Learn how to handle severe patients in the ICU.
2	Tue [ 8:15 ~ 17:00 ] Assessment of degree of urgency Subtitle Seminar in general infirmary Instructor Hajime Nakae, Toshiharu Kitamura	1)Assess degree of urgency. 2)Learn core competencies of family medicine.
3	Wed [ 8:15 ~ 17:00 ] Advanced life support Subtitle Advanced life support Instructor Kasumi Satoh	Learn advanced life support.
4	Thu [ 8:15 ~ 17:00 ] Clinical practice in ICU and hospital ward Subtitle Clinical practice in ICU and hospital ward Instructor Manabu Okuyama	1)Learn how to handle severe medical emergencies. 2)Learn how to handle severe patients in the ICU.
5	Fri [ 8:15 ~ 17:00 ] Clinical practice in ICU and hospital ward Subtitle Lecture of general physician Instructor Manabu Okuyama	1)Learn how to handle severe medical emergencies. 2)Learn how to handle severe patients in the ICU. 3)Lecture from a general physician (14:20-17:10 at multipurpose room)