

## 2022 Akita University Faculty of Medicine Syllabus

**Category** : 臨床医学 VII (CC2)  
**Course Title** : Clinical clerkship in pediatric surgery  
**Eligible Students** : grade 6 Elective Course  
**Code** : 71644006-24

### 1. Lead Instructor

Masaru Mizuno (Hospital Professor, 小児外科学講座, 3447)

### 2. Instructors

Masaru Mizuno (Hospital Professor, 小児外科学講座, 3447)  
Mayako Morii ((IGAKUBU) Lecturer, 小児外科学講座, 6141)  
Ryo Watanabe (Assistant Professor, 小児外科学講座, 6142)  
Kennki Yamagata (Medical Doctor, 小児外科学講座, 6142)  
Saya Azuma (Medical Doctor, 小児外科学講座, 6141)  
Kaito Hayashi (Medical Doctor, 小児外科学講座, 6143)

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

#### 1. Outline

Students who are interested in a more in-depth exposure to pediatric surgery may complete a six-week rotation in the Division of Pediatric Surgery. During this time, they not only participate in the clinical activities afforded to forth-year medical students, but also gain more experience in both the outpatient clinic and the operating room. In addition, they are given more responsibility and will attend all academic functions in the Division of Pediatric Surgery.

#### 2. Learning objectives

Learning objectives of this course is to understand and integrate the major themes of pediatric surgery.

It includes the most common pathologies (hernias, hydroceles, pyloric stenosis, undescended testis, umbilical hernia, appendicitis, etc. ), neonatal surgery for congenital malformations(esophageal atresia, diaphragmatic hernia, malrotation, gastroschisis, intestinal atresia, Hirschsprung's disease, anorectal malformation, etc. ), pediatric surgical oncology.

This subject is a lesson subject by a teacher with practical experience.

### 4. Textbook/Reference Books

3年次「成長と発達」講義資料  
標準小児外科学(医学書院)  
スタンダード小児外科手術(メジカルビュー)  
スタンダード小児内視鏡外科手術(メジカルビュー)  
Swenson's Pediatric Surgery  
Journal of Pediatric Surgery

### 5. Assessment

Attendance, case presentation and attitude

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

Students electing a pediatric surgery rotation in grade 5 are generally interested in pursuing medical disciplines in which children are treated, such as: neonatal surgery for congenital malformations, pediatric emergency and ambulatory surgery.

小兒外科学 臨床実習

Schedule		Contents of Class
1	Mon [ 8:15-17:30 ] Subtitle Clinical clerkship of pediatric surgery Instructor Masaru Mizuno	Morning round (8:15 ~ ) Participation in surgery (8:45 ~ ) Afternoon round (16:00 ~ ) Clinical therapeutic conference ( 16 : 30 ~ 17 : 15 ) Orientation (17:15 ~ )
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