

Category (科目区分)	Cluster of Pathology and Pathology System		
Course Title (授業科目名)	Pediatric Surgery		
Instructors (担当者名)	Masaru Mizuno	Academic Year (配当年次)	1,2
Required course / Elective Cpourse (必修/選択)	Elective course	Credits (単位数)	1
Class Format (授業形態)	Lecture and practical training		
Schedule (開講期間)	Students will be notified by email after completing course registration.		
Class Date/Period (開講曜日・時間)	Students will be notified by email after completing course registration.		
Course Outline/ Course Objectives (授業の概要・到達目標)			
Objectives of the course: To understand the basic and clinical issues in pediatric surgery. Outline of the course: Pediatric surgery is mainly concerned with congenital gastrointestinal diseases. The goal of pediatric surgery is to achieve intact survival of the sick patient. The target patients range from fetal age to adolescence.In this lecture, we will review the basic and clinical issues in the following five topics: 1,2. Prenatal diagnosis and fetal therapy 3,4. Developmental anomalies of the biliary system 5,6. Clinical evaluation of defecation dysfunction 7,8. Carcinogenesis in the environment of abnormal pancreatic and bile duct confluence 9,10. Treatment of intrahepatic bile stasis with ω3 fatty acids			
Course Planning (授業計画)			
	Course Outline/ Course Objectives (授業の概要及び到達目標) (Contents of Class) ((授業内容))	Instructor (担当教員名)	Department (講座名) Class Room [実施場所]
1	Prenatal diagnosis and fetal therapy	Masaru Mizuno	Pediatric Surgery [Conference Room]
2			
3	Developmental anomalies of the biliary system	Mayako Morii	Pediatric Surgery [Conference Room]
4			
5	Clinical evaluation of defecation dysfunction	Mayako Morii	Pediatric Surgery [Conference Room]
6			
7	Carcinogenesis in the environment of abnormal pancreatic and bile duct confluence	Masaru Mizuno	Pediatric Surgery [Conference Room]
8			
9	Treatment of intrahepatic bile stasis with ω3 fatty acids	Mayako Morii	Pediatric Surgery [Conference Room]
10			
Grading Criteria (成績評価の基準と方法)			
Evaluation will be based on attendance, results of oral and written examinations, and submitted reports.			
Contact Information (問い合わせ先(氏名, メールアドレス等))			
Name: Masaru Mizuno / E-mail: mmizuno@gipc.akita-u.ac.jp			
Coment (その他特記事項)			
Information about the course: For working graduate students and others who cannot attend the practical training due to work, we will adjust the schedule. Textbooks and references: Materials will be distributed as necessary.			