

Category (科目区分)	Research subject		
Course Title (授業科目名)	Pediatric Surgery		
Instructors (担当者名)	Masaru Mizuno	Academic Year (配当年次)	2,3
Required Course / Elective Course (必修/選択)	Elective Course	Credits (単位数)	15
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)			
<p>The purpose of this course is to provide students with the technical knowledge and skills necessary for conducting experiments, presenting papers at conferences, and writing papers.</p> <p>Outline of the course</p> <p>In this course, students will learn how to conduct experiments and clinical research, and problems in research methods, through explanations and discussions of the following research topics conducted in the department.</p> <ol style="list-style-type: none"> 1 Experimental study on fetal treatment of congenital diaphragmatic hernia. 2 Bile duct development and bile excretion mechanism in lamprey 3. Clinical study on the evaluation of voiding dysfunction in various diseases by Fecoflowmetry 4. Mechanism of biliary carcinogenesis under the environmental conditions of abnormal pancreatic duct-biliary confluence 5. Experimental and clinical studies on the treatment of intrahepatic bile stasis by omega-3 fatty acids 			
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			
Comment (その他特記事項)			
<p>Information about the course: For working graduate students and others who cannot attend the practical training due to work, we will adjust the schedule.</p> <p>Textbooks and references: Materials will be distributed as necessary.</p>			