

<b>Category</b> (科目区分)	Research subject		
<b>Course Title</b> (授業科目名)	Pediatric Surgery		
<b>Instructors</b> (担当者名)	Masaru Mizuno	<b>Academic Year</b> (配当年次)	2,3
<b>Required Course / Elective Course</b> (必修/選択)	Elective Course	<b>Credits</b> (単位数)	15
<b>Class Format</b> (授業形態)	Lecture and practical training		
<b>Schedule</b> (開講期間)	Students will be notified by email after completing course registration.		
<b>Class Date/Period</b> (開講曜日・時間)	Students will be notified by email after completing course registration.		
<b>Course Outline/ Course Objectives</b> (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"> <li>1 Experimental study on fetal treatment of congenital diaphragmatic hernia.</li> <li>2 Bile duct development and bile excretion mechanism in lamprey</li> <li>3. Clinical study on the evaluation of voiding dysfunction in various diseases by Fecoflowmetry</li> <li>4. Mechanism of biliary carcinogenesis under the environmental conditions of abnormal pancreatic duct-biliary confluence</li> <li>5. Experimental and clinical studies on the treatment of intrahepatic bile stasis by omega-3 fatty acids</li> </ol>			
<b>Contact Information</b> (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			
<b>Coment</b> (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>			