

Category (科目区分)	Research subject		
Course Title (授業科目名)	Gastroenterological Surgery		
Instructors (担当者名)	Junichi Arita	Academic Year (配当年次)	2,3
Required course / Elective Cpourse (必修/選択)	Elective Course	Credits (単位数)	15
Class Format (授業形態)	Experimental practice		
Schedule (開講期間)	Contact about the proposed date by e-mail		
Class Date/Period (開講曜日・時間)	Contact about the proposed date by e-mail		
Course Outline/ Course Objectives (授業の概要・到達目標) A wide range of research is performed to ensure the safety of surgical treatment for gastrointestinal cancers and to develop new strategies to overcome the limitations of current surgical procedures. To ensure the safety of liver resection, we conduct clinical studies to examine the relationships between perioperative management and postoperative complications and hospital stay, clinical studies to examine the effect of surgical techniques on prognosis in pancreatic resection, and basic research using molecular biological techniques on resected gastrointestinal cancer specimens. As a practical training class, students will directly participate in these studies as a member of the research team to cultivate research techniques, skills, problem-solving methods, and logical thinking, as well as to write a thesis.			
Contact Information (問い合わせ先(氏名, メールアドレス等)) Name: Junichi Arita / E-mail: jarita@med.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 needed, or references will be specified. Learning during self-study time: It is desirable to do preparatory study according to the objectives and class contents.			