

Category (科目区分)	Research subject		
Course Title (授業科目名)	Cardiovascular Surgery		
Instructors (担当者名)	Takayuki Kadohama	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)	Experimental training		
Schedule (開講期間)	Students will be notified by email after course registration.		
Class Date/Period (開講曜日・時間)	Students will be notified by email after course registration.		
Course Outline/ Course Objectives (授業の概要・到達目標)			
1. Lectures on the latest clinical trials related to cardiovascular surgery and the potential clinical applications of new technologies, and deepen the understanding of these topics. 2. 2. Learn topics from the latest papers, understand the background of research and research methods, and develop a scientific way of thinking. 3. 3. Develop an experimental design with reference to recent research in the course and acquire the techniques and methods necessary for conducting research. 1) Electrophysiological research using human pulmonary vein myocardium (joint research with Department of Cell Physiology) 2) Elucidation of complication mechanisms in the treatment of aortic diseases and epidemiological research 4. Compiling research results, writing papers, and developing the ability to do so			
Contact Information (問い合わせ先(氏名, メールアドレス等))			
Name: Takayuki Kadohama / E-mail: cvs@cvs.med.akita-u.ac.jp			
Coment (その他特記事項)			
Information about the course: For working graduate students who are unable to attend the practical training due to work commitments, the schedule will be adjusted. Textbook and references: Kirklin/Barratt-Boyes Cardiac Surgery, 4th ed. Self-study time: It is desirable to use reference materials after the course in order to deepen understanding of the contents.			