

Category (科目区分)	Cluster of Pathology and Pathology System		
Course Title (授業科目名)	Cardiovascular pathology, practical training		
Instructors (担当者名)	Hiroyuki Nakajima	Academic Year (配当年次)	1,2
Required Course / Elective Course (必修/選択)	Elective Course	Credits (単位数)	1
Class Format (授業形態)	Lecture		
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)			
<p>Course Outline This course provides an overview of the anatomy and pathology of cardiovascular diseases that are subject to surgery. In addition, the physiology, biochemistry, pathology, and pathogenesis of the heart and other vital organs of the body that are necessary for surgical treatment of these diseases will be reviewed. In addition, the physiology, biochemistry, pathology, and pathophysiology of the heart and other important organs of the body necessary for surgical treatment of these diseases will be outlined.</p> <p>Course Objectives The goal of this course is to understand the basic concepts of cardiovascular diseases that are subject to surgery and the pathology and conditions necessary for surgical treatment.</p>			
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	Basic concepts of cardiovascular disease	Hiroyuki Nakajima Daichi Takagi	Department of cardiovascular surgery [On-line/on-demand]
2			
3	Pathophysiology of cardiovascular disease		
4			
5	Surgery for cardiovascular disease		
6			
7	Postoperative complications of cardiovascular disease		
8			
Grading Criteria (成績評価の基準と方法)			
Evaluation will be based on attendance and submitted reports.			
Contact Information (問い合わせ先(氏名, メールアドレス等))			
Name: Hiroyuki Nakajima / E-mail: cvs@cvs.med.akita-u.ac.jp			
Comment (その他特記事項)			
<p>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.</p>			