

Category (科目区分)	Cluster common basic subjects		
Course Title (授業科目名)	Seminar on Medical Science “Critical Examination of Epidemiological Research Papers”		
Instructors (担当者名)	Kyoko Nomura	Academic Year (配当年次)	1st and 2nd
Required Course / Elective Course (必修/選択)	Elective Course	Credits (単位数)	1
Class Format (授業形態)	Lecture: 1-3 Exercise: 4-10		
Schedule (開講期間)	Late April 2026 – January 2027 (Details of schedule are negotiable)		
Class Date/Period (開講曜日・時間)	Every 3rd Tuesday of the month, 13:30-15:00		
Course Outline/ Course Objectives (授業の概要・到達目標)			
Course Objective: To learn about the critical examination of epidemiological research. Objectives: To be able to critically read epidemiological research articles of all different study designs.			
Class outline: Two or three meetings will be held in May and June 2023, with the schedule to be arranged for the course participants. The participants will search PubMed for literature using PI(E)CO as the search term. Select one article with the highest level of evidence and critically review it using STROBE for observational studies, CONSORT for intervention studies, and PRISMA for systematic reviews and meta-analyses. When you are ready, contact your faculty member (to be determined during the brainstorming session) individually to make a presentation. The faculty member will record the presentation and send it to the mailing list .			
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	How to critically examine epidemiological papers	Kyoko Nomura (Professor)	Department of Environmental Health Science and Public Health, Akita University Graduate School of Medicine [WebClass]
2	Critical appraisal method using CONSORT		
3	Critical appraisal method using STROBE		
4	Critical appraisal method using PRISMA	Kyoko Nomura (Professor)	Department of Environmental Health Science and Public Health, Akita University Graduate School of Medicine [Seminar Room / Zoom]
5	Brain storming session 1		
6	Brain storming session 2		
8	Individual presentation (will be recorded and distributed to all participants)	All	
Grading Criteria (成績評価の基準と方法)			
Each participant will have to make a presentation at least once.			
Contact Information (問い合わせ先(氏名, メールアドレス等))			
Name: Kyoko Nomura / E-mail: knomura@med.akita-u.ac.jp			
Comment (その他特記事項)			
English lecture will be provided for international students.			