No.63

コース名 Course Title	Data analysis using statistical model
科目種別 Course Type	基盤医科学実習　ベーシックトレーニング Basic Training
収容人数 Capacity	20名 twenty people
担当教員 Instructor	八谷寛 YATSUYA, Hiroshi
担当教員専門分野 Department	国際保健医療学・公衆衛生学 Public Health and Health Systems
担当教員連絡先 Contact	内線 Ext: 2128
	E-mail: h828@med.nagoya-u.ac.jp
単位数 Number of Credits	0.5単位 0.5 Credits
実施日時 Time and Date	The attendees will finish self-paced learning materials first and then hand in the assignments (details to be announced later).
実施場所 Place	self-directed learing and office hour
授業形態 Type of Class	Seminar
授業の目的 Objectives of the Course	To understand outline of control of confounding by statistical models. To learn how to conduct statistical analyses using SPSS (a statistical software).
学習到達目標 Goals of the Course	The attendee can explain what confounding is and its controll using statistical model. The attendee can choose appropriate statistical models and conduct the analysis.
授業の構成 Course Content	Using real epidemiological study data, the applicants learn the following standard statistical methods (topics are subject to change): Descriptive Statistics Cross-table analysis and Chi-square test t-test Analysis of covariance using General Linear Model Logistic regression analysis Calculation of incidence using Generalized Linear Models Kaplan-Meier method Cox Regression
教科書・参考図書等 Textbooks	Online learning materials will be provided to the attendees.
成績評価方法 Grading system	Active participation and accomplishment of course work
備考 Additional Information	This seminar will be provided in English. The attendee who wish to take this seminar are expected to be competent in performing basic skills of SPSS.