

2018 Workshop for the Design and Statistical Analysis of Clinical Studies

Sep 16

时间 Time	主题 Topic	参与人员 Participants	备注 Notes
08:00 - 08:15	签到 Registration	所有人 All	
8:15	课程介绍 Program introduction	杜昕 Du Xin	
08:30 - 09:30	观察性研究的设计 Design of observational studies	杜昕 Du Xin	cohort study design, patient cohort study, case control design, nested case control, two phase design, case cohort design, study design for assessing biomarkers.
09:30 - 10:15	如何准备研究方案 How to prepare a protocol	Craig Anderson	Hypothesis, study resource, study design, PICO, data collection, confounding factors, subgroups, SAP, etc.
10:15- 10:30	茶歇 Tea break	所有人 All	
10:30- 11:15	如何制定统计分析计划 Establishing a statistical analysis plan	Laurent Billot	
11:15 - 12:00	如何设计数据收集表格 Designing data collection form	Craig Anderson	
12:00 - 13:00	午餐 Lunch	所有人 All	
13:00 - 13:45	观察性研究的样本量估计和统计效力 Sample size and study power calculation	Laurent Billot	Sample size and power estimation for observational studies under different study designs
13:45- 14:30	常用的统计分析方法 Commonly used statistical methods of analysis	Jinbo Chen	For example, Interaction analysis, stratified analysis, joint effects vs individual effects; relative risk vs absolute risk; Model checking, etc.
14:30- 15:15	如何在图表中呈现数据 Presenting data in tables and figures	Craig Anderson	
15:15- 15:30	茶歇 Tea break	所有人 All	
15:30- 16:15	如何进行论文前期准备 Manuscript preparation	Xin Du	
16:15- 17:00	如何回复审稿专家意见 Manuscript submission and respond to reviewers	Tom Robinson	
17:00- 17:30	课程总结 Day1 wrap up	Craig Anderson	

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08:00 - 08:30	签到 Registration	所有人 All	
08:30 - 09:30	观察性研究的统计分析 Analysis of observational studies	Laurent Billot	Covariate adjustment, prediction models, causal inference
09:30 - 10:15	缺失数据的处理 Missing data	Jinbo Chen	
10:15 - 10:30	茶歇 Tea break	所有人 All	
10:30- 11:30	生存分析 Survival analysis	Hisatomi Arima	
11:30 - 12:00	干预性研究的设计 Design of interventional studies	Craig Anderson	Randomized clinical trial, factorial design, cluster randomized trial, cross-over design, registry randomized trial, platform trials, superior and non-inferior study.
12:00 - 13:00	午餐 Lunch	所有人 All	
13:00- 13:45	干预性研究的样本量估计 Sample size and power estimation for interventional studies	Hisatomi Arima	
13:45 - 14:45	卫生经济学分析与解读 Economics analysis and interpretation	Stephen Jan	
14:45- 15:00	茶歇 Tea break	所有人 All	
15:00- 16:00	风险预测模型 Building and evaluating risk prediction models	Jinbo Chen	
16:00- 16:30	Q&A	所有人 All	
16:30	课程总结 Day2 wrap up	Du xin	