

進階流行病學研究設計

授課教師

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課程評量

課堂參與、期末報告

課程目標

協助研究所學生瞭解如何將現代流行病學之重要概念，運用於實際之研究設計中。預期修讀本門課之學生在修課後，能夠經由不同的文獻實例討論，瞭解以觀察型流行病學為主之各類常見流行病學研究設計法之優缺點，及其運用上之可能限制。

主要探討議題

The Family of Cohort Designs;
Critical Review of Epidemiologic Studies
Cross-sectional Study/Questionnaire Survey
Randomized Controlled Trials
Closed Cohort Studies
Closed Cohort Studies with Variable Exposure/
Open Cohort Studies
How to write a grant proposal?
Case-Crossover Studies
The Family of Case-Control Designs;
Case-Control Studies in Closed Cohorts
Case-Control Studies with Matching on Time
and Other Factors: Risk Sets
Case-Control Studies with Hospital-Based Controls
Propensity Score Analysis
Methods to Control the Confounding
Effects of Comorbidities

