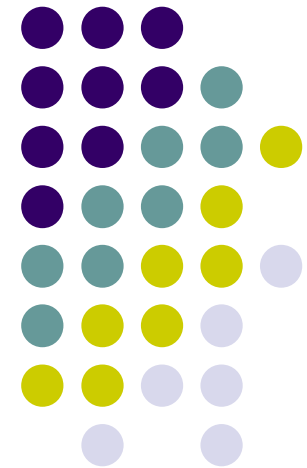


# 健保資料庫寫作工作坊

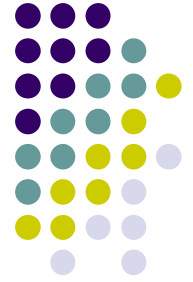
2013.10.25

研究部

林敬恒 博士



# Methods



# Types of Epidemiology



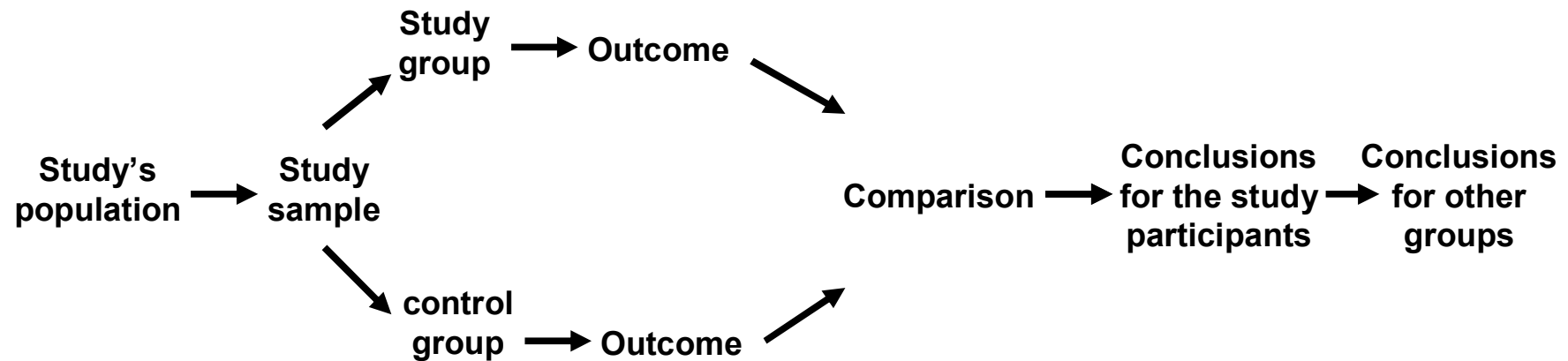
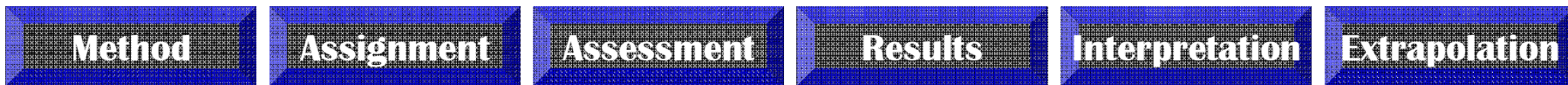
## Descriptive epidemiology

- Study of the amount and distribution of disease within a population by **(1) person**, **(2) time**, and **(3) place**
- Provides information on patterns of disease occurrence by age, sex, race, marital status, etc.

## Analytic epidemiology

- Study of the determinants of disease or reasons for relatively high or low frequency in specific groups
  - 1. Case-control study**
  - 2. Cohort study**
  - 3. Cross sectional study**

# Framework of Observational study design

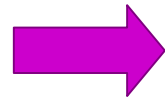


( Studying a study and testing a test : how to read the medical evidence. Richard K. Riegelman, 2005)

# Epidemiologic Jargon



**Exposure**



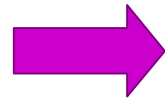
**Disease**

**X**



**Y**

**Risk factor**



**Outcome**