TYPES OF STUDY DESIGNS

Adapted from
Basic Methods of Medical Research, Third Edition
by A. Indrayan (http://indrayan.weebly.com)
Study design

Objective of study:
- Descriptive
- Analytical

Strategy:
- Sample survey
- Case series
- Census
- Observational
- Experimental (Intervention)

Method:
- Random
- Nonrandom (Purposive)
  - Prospective (Follow-up)
  - Cross-sectional
  - Retrospective
- Laboratory experiment
- Clinical trial
- Field trial

Type:
- Mixed in stages
  - SRS
  - SyRS
  - StRS
  - CRS/Area
  - MRS
  - PPS
  - Consecutive
  - Sequential
- Haphazard
  - Volunteers
  - Snowball
  - Convenience
  - Quota
  - Referred
- Longitudinal
  - Cohort
  - Other
- Case-control
  - Nested case-control
  - No control
- Chemical
  - Cell
  - Animal
- Therapeutic
  - Diagnostic
  - Prophylactic
  - Screening

Type of control:
- With control
- Without control
- Randomised (RCT if trial)
  - Blind
  - Single
- Non-randomised
  - Open
  - Double
  - Triple

See Chapter 5

Layout for experiments/trials:
- Cross-over, repeated measures
- One-way, two-way, factorial, etc.