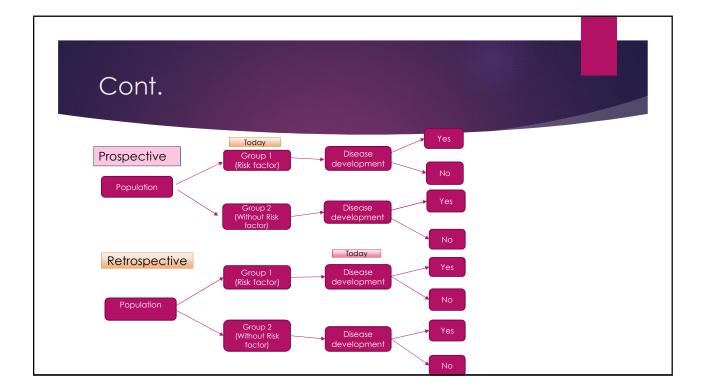
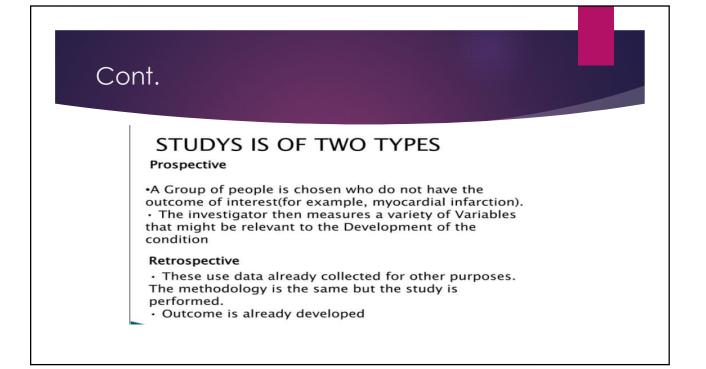
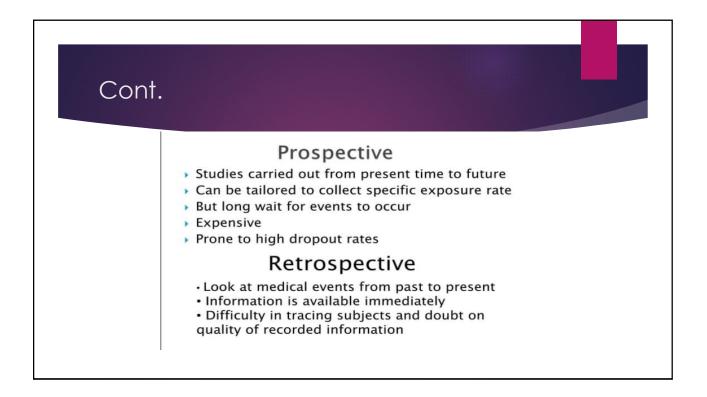
Cohort Study

- > Cohort design is a type of non-experimental or observational study design.
- > In a cohort study, the participants do not have the outcome of interest to begin with.
- > They are selected based on the exposure status of the individual.
- > They are then followed over time to evaluate for the occurrence of the outcome of interest.
- > Cohort study is usually conducted in medical science.
- > It can be conducted in two ways:
- Prospective cohort studies
- Retrospective cohort studies

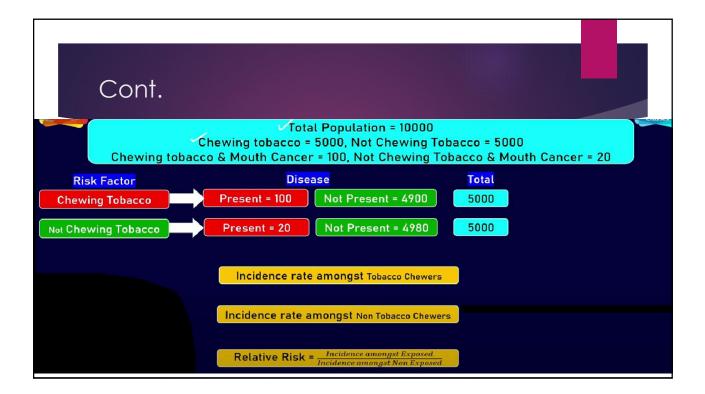


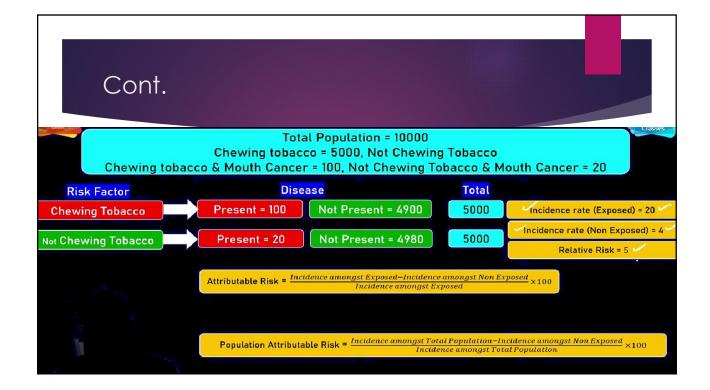




Difference between Prospective & Retrospective

Prospective	Retrospective
Planned in advance.	Based on current status.
Carried over a future period of time.	Already happened in the past.
Investigator visualize & design the study.	Exposure and outcome both are determined retrospectively.
Follow up is usually conducted by - eMail Questionnaires - Telephonic Interviews - Video Call - In Person Interview - Physical Examination - Laboratory test	Follow up not required.
More Time taking and More	Less Time taking and less expensive







Disadvantages

- ▶ Time consuming
- Expensive
- Problematic in rare disease
- Ethical problem