



Clinical Epidemiology in CRC

Clinical epidemiology uses research to enhance ability and improve patient care. It bridges the gap between population health and medicine



The Clinical Epidemiology Unit in CRC was established in response to the increasing demand from clinicians, health managers and policy makers for pertinent information that only clinical epidemiology research could provide.

These include information on:

- Measures of disease burden like disease incidence and prevalence rates.
- Measures of disease management like treatment compliance, treatment access and treatment outcome.
- Measures of disease outcomes such as mortality treatment modified life expectancy and patients' quality of life (QOL).

This unit niche area is in the following observational research designs;

- Cross sectional design to describe disease frequencies or presentations.
- Cohort design to investigate disease etiology or risk factor.
- Pragmatic clinical studies on treatment effectiveness in real life setting.
- Studies of disease prognosis to understand natural history of disease and the development or validation of clinical prediction rules.
- Reliability and validity studies of various clinical questionnaire or instruments including cross-cultural adaptation studies.

RESEARCH

The Clinical Epidemiology Unit can assist researchers whose area of research falls in the above scope, with the following:

1. Literature review and critical appraisal
2. Article search
3. Study design planning
4. Sample size planning
5. Proposal/protocol development
6. Grant submission
7. Project management planning
8. Data management
9. Statistical analysis
10. Other request for material or information related to clinical research.

TRAINING

Research Methods and Biostatistics

In-house as well as on-demand, on-site training.

CONSULTANCIES

In-house weekly Research Consultative Clinics (RCC)

Please contact our secretariat:-

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