

TY RESIDENCY RESEARCH CURRICULUM

Research Director:

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ACGME requires Transitional Year Residency Programs to advance resident knowledge of “The basic principles of research, including how research is conducted, evaluated, explained to patients, and applied to patients care”.

Research training is an important component of TY Residency Program. All residents are taught basic research skills so they can critically evaluate the results of published studies, and use this knowledge to improve their clinical practice. The residents become familiar with research designs, statistical concepts, data analysis techniques and manuscript writing styles through quarterly journal clubs, resident and faculty research presentations, and participation in research didactics.

The resident’s scholarly activity may include presentation of a case report, or a presentation to colleagues on a subject of interest, and/or development of a research project. The venues include morning reports, journal clubs, and annual GRMEP Research Day.

The formal research seminar series is coordinated by the Research Director every year. It covers several topics in research methodology, statistical methods, research design, and manuscript preparation. The goal is to provide every trainee with a solid research base and to supplement evidence based medicine curriculum.

Topics of Research Course:

1. Clinical research 101
2. Research Design
3. Introduction to electronic research sources
4. Advanced Literature search techniques
5. Statistics overview
6. Translating research into clinical practice.
7. Role of the institutional review board
8. Research ethics
9. How to prepare a poster

10. How to write a case report

Journal Club:

TY Journal Club is held once a quarter, usually off site and consists of two to three articles carefully chosen by the presenting resident and their mentor. This scholarly activity is organized and coordinated by Dr. Brian Stewart. The papers are reviewed in detail. The residents are evaluated on the quality of presentation and understanding of study.

Residents' Research Day:

Where residents may submit an abstract or present a poster of their work at the annual GRMEP Research Day. Awards are given to the best Research Posters, Abstracts, and/or Oral Presentations.

Case Report:

The residents are required to present a case report as power point presentations during Internal Medicine Morning Reports. This takes the form of a brief discussion of a single case with unique features with an emphasis of appropriate literature search. The residents are evaluated on this scholarly activity as well.

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