The resident understands the inherent ethical issues in clinical research as demonstrated by:
(should be complete by December of PGY-2 Year)

- Discussing the principles of beneficence and justice in clinical research.
- Understanding the importance of protecting human subjects and the use of informed consent.
- Apply methods to protect patient health information in the context of clinical research.
- Recognizing the impact of dishonesty and misconduct in clinical research.

The resident has initiated a project with their Content Mentor as demonstrated by:
(should be completed by December of PGY-2 year)

- Converting a clinical question into a testable hypothesis.
- Describing the difference between a hypothesis and a null hypothesis.
- Demonstrating the ability to access the library and internet resources for performing research of the literature.

The resident has put together a research plan with their Content Mentor as demonstrated by:
(should be completed by June of PGY-2 year)

- Considering, understanding and choosing an appropriate design for the project from options such as a randomized clinical trial, randomized cross-over design, blinded trial, single subject design, retrospective cohort or case control design.

The resident has worked with Content Mentor on data collection and data management for their project as demonstrated by:
(should be initiated by December of PGY-3 year)

- Understanding the kind of primary and secondary data being collected which may include categorical, ordinal, interval and continuous data.
- Discussing the approach to data management and analysis planned, including sampling plan, choice of P-value and its meaning, and the relationship between sample size and variance in the data.

The resident has conducted data analysis with their Content Mentor as demonstrated by:
(should be initiated by December of PGY-4 year)

- Determining if data supports the hypothesis.
- Identifying whether current analysis may or may not be flawed by type 1 or type 2 statistical error.
- Using graphical methods to identify trends and correlations.
The resident is prepared to present final or preliminary research results to the medical community as demonstrated by:
(should be completed by June of PGY-4 year)

- Submitting research abstract to a scientific meeting.
- Preparing a platform presentation or poster for a scientific meeting.
- Selecting appropriate tables and figures for presentation.
- Selecting potential journals for manuscript submission and obtaining "information for authors".
- Completing or partially completing a scientific manuscript.
- Publishing a manuscript.

**Exceeds Expectations** | **Meets Expectations** | **Below Expectations** | **N/A**
--- | --- | --- | ---
[ ] | [ ] | [ ] | [ ]

Preceptor Comments:

Comments

Remaining Characters: 5,000

The resident has reviewed the evaluation.

Yes | No
--- | ---
[ ] | [ ]

Return to Questionnaire List