

BEST PRACTICE – 1

1. Title of the Practice:

Interns Research project.

2. Objectives of the Practice:

- The main objective of this practice is to orient the interns towards research and help them to establish a standardized protocol to carry out research projects.
- To help each intern to define the specific outcomes or competencies to be achieved in terms of skills, knowledge, attitudes or values that pertain to the topic of selection.

3. The Context:

- There is an orientation towards higher and long-term goals in research for interns. In this context implementing the independent project for interns in health care, to make them aware about the judgements and skills required; further about the effectiveness of summative evaluation.
- It will help to assess or describe the degree of success associated with implementation or enactment of formative evaluation, assess the role of the student characteristic factor in aptitude based skills and it will help in testing intern's skills in interventional research.
- The curriculum in the undergraduate program doesn't have scope for research; this practice will serve as a bridge course for the interns to pursue their research during Masters program.

4. The Practice:

At the beginning of the internship program, all the interns were asked to select one topic of their interest independently or in a group of two. The interns were asked to depend of databases such as MEDLINE, Google scholar to refer articles to obtain any topic. Each intern were asked to find out three different research topics and discuss with any faculty whose research interest matches with the intern's interest. Once the guides are selected, the faculty discuss the proposed topics with the interns to decide the topic. Topic will be selected based on the availability of subjects for the study, facilities available in the department and the time constraints.

Once the topic is selected, all the interns were asked to submit a research proposal to the institution ethical committee for approval. Research proposal includes need of the study, aim of the study, the methodology used, and review of literature. Once the ethical committee approves the topic, the interns will commence the study under the supervision of the guide. All the interns were asked to submit a detail research manuscript

by the end of their internship program after the verification by the guide and with the plagiarism results.

All the research papers were evaluated and rated by a research committee which was formed by the principal. All the evaluated papers will be sending to indexed journals for publication.

5. Evidence of Success:

The project initiated in 2015 and project evaluation will be carried out in 2016. However evidence consortium has to be analysed. In designing projects, the faculty will spend significant time developing a driving question, which forms the backbone of the project and helps to engage interns to learn the research methodology in detail. In the beginning the interns will be oriented for carrying out research and this will help him to perform a thorough investigation in sample collection.

6. Problems Encountered and Resources Required:

The main problem encountered during the commencement of this practice was the unavailability of guide according to the intern's area of interests. Because of this, there was a restriction in selecting wide range of topics. Second problem faced was the lack of motivation among the interns to carry out the research activity. Lack of time for the faculties to focus on research apart from their clinical and academic schedule was another problem encountered. Interns were having less time to carryout quality research papers in the specified time limit. Since the interns were not exposed and aware about the research as their existing curriculum does not have scope for research, implementing this practice at the end of the undergraduate program was difficult.

Resources Required:

- Human resources.
- Subjects for the study.
- Equipments required in the department to carry out the study.
- Financial assistance.

NOTES:

The institution is emphasising on improving the research scenario and encouraging faculty by giving incentives for publications. Working knowledge of what research is and how it is done should be known to all interns nowadays. Gone are the days when one could succeed in his/her career without knowing about research. Interns have a lot to face in this highly evolving and demanding world. Internship can be a great chance to sharpen research skills and journal reading habits. Writing habits are a boon to those who want academic development. The saying of 'publish or perish' is very true. With regard to research and studies, all this is already well established in residencies. While in most internships, it is still limited to helping out seniors in data entry and compilation in SPSS version 23.0 or Microsoft Excel. In this context this best practice will be initiated.

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