



TRAINING NEEDS ASSESSMENT (TNA) SURVEY ABOUT RESEARCH METHODOLOGY AMONG SENIOR RESIDENTS/PGS OF SKIMS COLLEGE & HOSPITAL, BEMINA SRINAGAR

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ABSTRACT

This brief training needs assessment survey was carried out among senior residents /PGs of SKIMS Medical College, Bemina Srinagar. A total of 76 completed questionnaires were assessed. The study revealed that only 26.3% participants had received any formal training in research methodology, 17% participants considered that training to be satisfactory, 33% agreed that they could write a sound research protocol, 36.8% participants were aware how to choose an appropriate sample size and 33% participants knew how to apply a test of statistical significance. All participants agreed that a training program on research methods would be useful to enhance their research skills. Majority of the participants suggested a full three days training program for such a skill up-gradation. 54% participants had published a research paper in last two years, 21% had presented a paper at a scientific conference in last two years and 26.3% participants had presented a poster at a scientific conference in the last two years.

KEYWORDS : Training needs assessment, research methodology, SKIMS Medical College

INTRODUCTION:

A training needs assessment is a process which serves as a diagnostic tool which helps us to find out what exactly are the training needs of the individuals working in a defined role in an organizational setup. This is an assessment which looks at knowledge, skills and abilities to identify the crucial gaps which must be filled in order for the individuals to fulfil the roles and responsibilities which have been assigned to them in a particular organization. The assessment thus provides a strong foundation for developing an efficient and effective training program to enhance the competence of the individuals while performing their role in the organization.

Senior residents/PGs form a backbone of patient care in any tertiary care institution. However this time also provides a wonderful opportunity to undertake research activities and contribute to the research output of an institution. As of now, it seems that much more emphasis is placed on clinical care and very little indeed on research. In order to enhance the interest in research as well as build the competence of performing high quality research, a series of training programs in research methodology is envisaged. This brief survey was undertaken to guide such a training program.

Methodology:

It was a cross sectional descriptive study based on a brief questionnaire to survey the ability of the participants about research design and data management, to assess the attitude towards improvement in ones competence by training and to assess the research output of the participants in terms of paper publication and presentations. Statistics involved included percentages/ proportions.

Results:

The study revealed that among a total of 76 participants only 20(26.3%) had received any formal training course in research methodology, and out of these 15(19.7%) had received it in last three years. Only 13(17%) participants considered the training to be satisfactory while the rest 7 considered it unsatisfactory. Out of 76 participants only 25(33%) agreed that they could write a sound research protocol. 28(36.8%) participants were aware how to choose an appropriate sample size and 25(33%) participants knew how to apply a test of statistical significance.

All 76(100%) participants agreed that a training program or workshop on research methods would be useful to enhance their research skills. Majority of the participants (70nos; 92%) suggested a full three days training program for such a skill up-gradation.

Regarding the research output, 41 participants(54%) had published a research paper in last two years. 16 participants(21%) had presented a paper at a scientific conference in last two years.

20 (26.3%) participants had presented a poster at a scientific conference in the last two years.

DISCUSSION:

SKIMS Medical college, Bemina, Srinagar, J&K is a tertiary care institution catering to a significant patient load from various districts of Kashmir Division. In order to enhance the research output of a high quality from this institution, we intended to start a training program on research methodology on a pattern similar to the ones being run in many other medical colleges. This study was done to give us critical inputs in formulating such a program. The data collected has shown that a significant chunk of the Senior Residents have not undergone any formal in-depth training in research methodology, and those who have attended such programs not many have found them satisfactory. Thus our study has shown that there is a strong need for in depth training of senior residents/PGs in research methods in SKIMS Medical College.

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