

IMPACT OF TRAININGS ON KNOWLEDGE OF HOSPITAL PHARMACISTS

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ABSTRACT

Introduction

Hospital Pharmacist's career has always been neglected in India, due to lack of understanding of its immense importance. Pharmacists have not been educated or trained effectively for a patient oriented role which has led to erosion in patient care, more medication-errors, much costly treatments and irrational drug therapy usage. This study aims to train pharmacist and enhance their technical knowledge, so that their skills improve and help them in providing high quality professional and patient oriented services.

Settings and Design

This is a prospective study which includes seven months continuous trainings, one training per month, given to forty hospital pharmacists from a tertiary care super specialty hospital in Pune district.

Method

Pharmacists were trained in three pharmacy practice based and four technical based modules by professionally experienced and qualified pharmacist through presentations and discussions. With the help of open-ended and close-ended questionnaire the improvement in their knowledge was assessed and significance was evaluated statistically based on their pre and post-training scores. All relevant data was collected, documented and analyzed using Two tailed paired 't' test to determine the significance in knowledge scores.

Result

An overall highly significant increment ($p < 0.0001$) in the knowledge from baseline (set at $p < 0.05$) was observed across all the seven modules of all pharmacists. Pharmacists' attitude was found to be inclined positively towards patient oriented services at the end of the training sessions.

Discussion

The significant improvement in the knowledge was due to high level of motivation, individual interest built up and updates received on Pharmacy practices and technical aspects.

Conclusion

Continuous training over a long period resulted in increase in the knowledge of pharmacists and positive attitude towards their practices and inclination to give patient oriented services. Such developmental trainings should be conducted on regular basis.

Key Words: Assess, Training, Hospital Pharmacist, Knowledge, Practice, Skill

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