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An Interventional Study on Knowledge, Attitude, and Practice among Post-Surgery Hernia Patients in a Tertiary Care Hospital

Parthasarathy G, Supraja R, Suraksha R Rai, Tharanishree K, Vishal Sasi Kannan, Prathibha V

Professor and Head of Department, Doctor of Pharmacy, Doctor of Pharmacy, Doctor of Pharmacy, Doctor of Pharmacy, Doctor of Pharmacy.

Corresponding author: Dr. Parthasarathy G, Professor and Head of Department, Department of pharmacy practice, The Oxford College of Pharmacy, Hongasandra, Bangalore, 560068, Karnataka, India.

Email Id: serviceheb@gmail.com

Abstract:

OBJECTIVE: To determine the level of knowledge, attitude and practice in post-surgery hernia patients attending tertiary care hospital.

METHODOLOGY: It is a prospective, interventional study conducted on 66 patients diagnosed with hernia and who underwent surgery in The Oxford Medical College, Bangalore. The KAP of hernia questionnaire was prepared and validated which consisted of 18 questions (6 knowledge, 6 attitude, and 6 practice). Patients' knowledge, attitude and practice regarding hernia was assessed twice i.e., before and after counselling using validated self-constructed KAP questionnaire. Mean, standard deviation and paired t-test were used to analyze the data.

RESULT: 66 patients were included in the study and KAP score was assessed before and after counselling. Standard deviation for pre and post knowledge, attitude and practice in female is found to be 3.19, 1.91, 2.94, in male it is 1.89, 1.84, 2.17 respectively. Mean for pre and post knowledge, attitude and practice in female is found to be -8.68, -2.93, -4.56, in male it is -7.80, -2.44, -5.08 respectively. The test gives the significance in the expected range which shows that the study was effective and improved the knowledge about hernia in patients.

CONCLUSION: The study results reveal significant improvement in KAP after counselling.

Keywords: Hernia, Knowledge, Attitude, Practice.

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