

ST. STEPHEN'S HOSPITAL

TIS HAZARI, DELHI-110 054

LEAVE APPLICATION FORM

1-5 July - [4247]
7-8 July - [7248]

Employee No. 4802

Date 02/06/2023

The Director / Dy. Director / Gen. Supdt. / Departmental Head / Nursing Superintendent

Kindly grant me 9 (Conference leave) days Annual / Casual / Sick / Maternity / Education / Special

Without Pay Leave / Extension / any other from 26-27 June 2023 & 7-8 July 2023 (travel) and 1-5 July 2023 (Conference) both days inclusive

on account of Paper Presentation in ICS Congress, Montreal Canada will report back for duty on 13/07/2023

Recommended/Not Recommended and forwarded to Personnel Department

Signature [Signature]
Name Prof. Dr. Sebasteenvarghes
Designation Principal

Signature of the Head of Department/ Staff Doctor.

Department College of Nursing

LEAVE ADDRESS

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Montreal, QC, Canada
H2Z 2B3

OFFICE USE:		A/L	C/L	S/L
Leave entitlement	/	/	/	Recorded by
Current Balance	/	/	/	
PERSONNEL OFFICER				

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CERTIFICATE OF POSTER PRESENTATION

We hereby confirm that the abstract:

**EFFECTIVENESS OF NURSE NAVIGATION PROGRAMME FOR PATIENTS UNDERGOING
OPEN ABDOMINAL SURGERY IN TERTIARY CARE HOSPITALS WITH A VIEW TO
DEVELOP A NURSING CARE PROTOCOL**

has been presented by

Feba Geevarghese

Co-Authors

Feba Geevarghese, Manju Chhugani, Sudhir C. Joseph

during the **ICN 2023 Congress** in Montreal

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CERTIFICATE OF ATTENDANCE

This is to certify that

FEBA GEEVARGHESE

Attended the **ICN 2023 Congress** in Montreal

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EFFECTIVENESS OF NURSE NAVIGATION PROGRAMME FOR PATIENTS UNDERGOING OPEN ABDOMINAL SURGERY IN TERTIARY CARE HOSPITALS WITH A VIEW TO DEVELOP A NURSING CARE PROTOCOL (#6799)

Topic

AS05 SUB-THEME 05: Advancing nursing practice: pushing the boundaries

Authors

F., Chhugani M., Joseph S.C.

Abstract Body

A study was conducted to assess the effectiveness of Nurse Navigation Programme for patients undergoing open abdominal surgery in tertiary care hospitals of Delhi, India with a view to develop a Nursing Care Protocol. Independent Variable was Nurse Navigation Programme and Dependent Variable was Patient outcome parameters which include pain, exercise, self-care activities, comfort, coping with surgical stress (pre and post-operative), patient satisfaction and post-operative events. 270 subjects were equally divided into control and experimental groups. Nurse Navigation Programme was a structured educational programme for experimental group developed and administered by the nurse researcher herself consisting of structured information booklet and video-assisted instruction to aid in peri-operative counselling and containing information about open abdominal surgery to empower patient for self-care. Nursing Care Protocol was developed for the Nursing personnel involved in the nursing care of patients undergoing open abdominal surgery and tested on 62 subjects. The Nurse Navigation Programme was effective in bringing out successful surgical outcomes among experimental group patients as evident from their favourable scores of outcome parameters in comparison to control group. The mean patient satisfaction score of experimental group patients (60.90) was higher than control group (39.63). The obtained mean difference of scores between the two groups i.e. 21.27 was found to be statistically significant at 0.05, 0.01 levels of significance. The developed Nursing Care Protocol was tested and found to be highly acceptable and highly useful for the nursing care of patients undergoing open abdominal surgery.

Effectiveness of Nurse Navigation Programme for Patients Undergoing Open Abdominal Surgery in Tertiary Care Hospitals of Delhi with a View to Develop a Nursing Care Protocol

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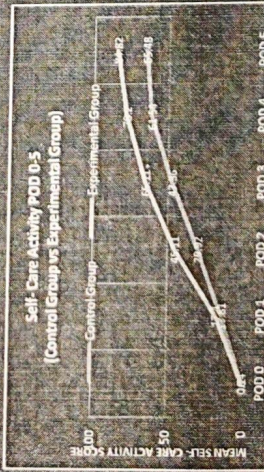


Introduction

Perioperative period may refer to preoperative, intraoperative, and postoperative phases of surgery but it is preferably used for the pre and post-operative phases only, meaning "around" the time of the surgery. It is the collaborative effort of the health team that is responsible for good post-operative outcomes.

1. To assess the effectiveness of Nurse Navigation Programme (NNP) for patients undergoing open abdominal surgery using Non-Equivalent Control Groups Design
2. To develop and test a Nursing Care Protocol for nurses taking care of patients undergoing open abdominal surgery

Results



Results

The analyzed data revealed that the mean patient satisfaction score of patients who underwent open abdominal surgery was higher (60.90) among subjects of experimental group as compared to subjects of control group (39.63). The obtained mean difference of patient satisfaction scores between the two groups (ie. 21.27) was found to be statistically significant as evident from the t value of 18.51 for degree of freedom (268) at $p < 0.01$ and 0.05 level of significance. Hence, the null hypothesis was rejected and research hypothesis was accepted indicating that the NNP was effective.

Method

Nurse Navigation Programme (NNP) is a structured educational programme developed and administered by the nurse researcher herself consisting of structured information booklet and video-assisted instruction (both in English and Hindi languages) to aid in perioperative counseling and containing information about open abdominal surgery to empower patient for self-care.

Nursing Care Protocol is a set of instructional guidelines regarding peri-operative nursing care developed by the researcher for the nursing personnel from available literature material and the vast clinical experience of the researcher in this field.

Based on the objectives and conceptual framework of the study, tools were developed for collecting data from patients about socio-demographic profile and the outcome parameters which included pain, exercise, self-care activities, comfort, coping with surgical stress (pre and post-operative), patient satisfaction and post-operative events. Structured Questionnaires for Acceptability and Utility of Nursing Care Protocol were also prepared.

1. Standardized tools used were Numeric Pain Rating Scale and Barthel Index for self-care activity
2. Self-developed tools were Exercise Checklist, Comfort Checklist, Pre-Operative & Post-Operative Surgical Stress Coping Scales, Patient Satisfaction Questionnaire, Post-Operative Event Identification Checklist (for patients), 10-Item structured Opinionnaire each towards Acceptability and Utility of Nursing Care Protocol (for Nursing personnel)

Background

Final Study was conducted in St. Stephen's Hospital and G.B. Pant Hospital of India on 270 patients using purposive sampling technique. The subjects were equally divided into Control group and Experimental group comprising of 135 subjects in each group. Nurse navigation programme was administered to Experimental group subjects and routine instructions were given to Control group subjects regarding peri-operative care. The Nursing Care Protocol developed by the researcher was administered and tested for its acceptability and utility among 62 nursing personnel working in the surgical units and involved in the care of surgical patients using total enumerative sampling technique.

Discussion and Conclusions

NNP was found to be effective for experimental group patients undergoing open abdominal surgery in terms of surgical outcomes as evident from the favourable scores of outcome parameters as compared to control group patients. The developed Nursing Care Protocol was tested and found to be highly acceptable and highly useful among the nursing personnel for the nursing care of patients undergoing open abdominal surgery.

Recommendations

1. A similar study can be replicated on larger samples from more hospitals globally as a pilot project.
2. Nurse navigation programme may be developed in other areas too such as MCH, mental health and community health settings and utilized for a variety of patient conditions.

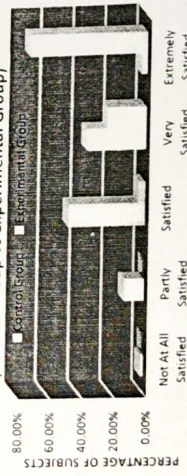
Acknowledgements

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Patient Satisfaction Category (Control Group vs Experimental Group)



References

1. Muntlin Athlin A, Juhlin C, Jangland E. Lack of Existing Guidelines for a Large Group of Patients in Sweden: A National Survey Across the Acute Surgical Care Delivery Chain. *Journal of Evaluation and Clinical Practice*. 2017 Feb;23(1):89-95. doi:10.1111/jep.12607. Epub 2016 Aug 4.
2. Fva Van der Meijl, Johannes R, Anema et al. Personalized Peri-Operative Care by E-Health after Intermediate-Grade Abdominal Surgery: AMulti-Centre, Single-Blind, Randomised, Placebo-Controlled Trial. *The Lancet*. 2018;07-352(10141):51-59.