

NEPHROSTOMY CATHETER - dysfunction

Jeanne Avlastenok, Bjarne Nielsen Urologisk afd. H123, Herlev Hospital

Corresponding author: bjarne.orka.nielsen@regionh.dk

INTRODUCTION & OBJECTIVES

A large number of patients with nephrostomy catheters are admitted to the emergency department because of dysfunctional nephrostomy. Lack of evidence based data and literature as well as practice, has encouraged us to examine this problem further.

The aim of the study was to:

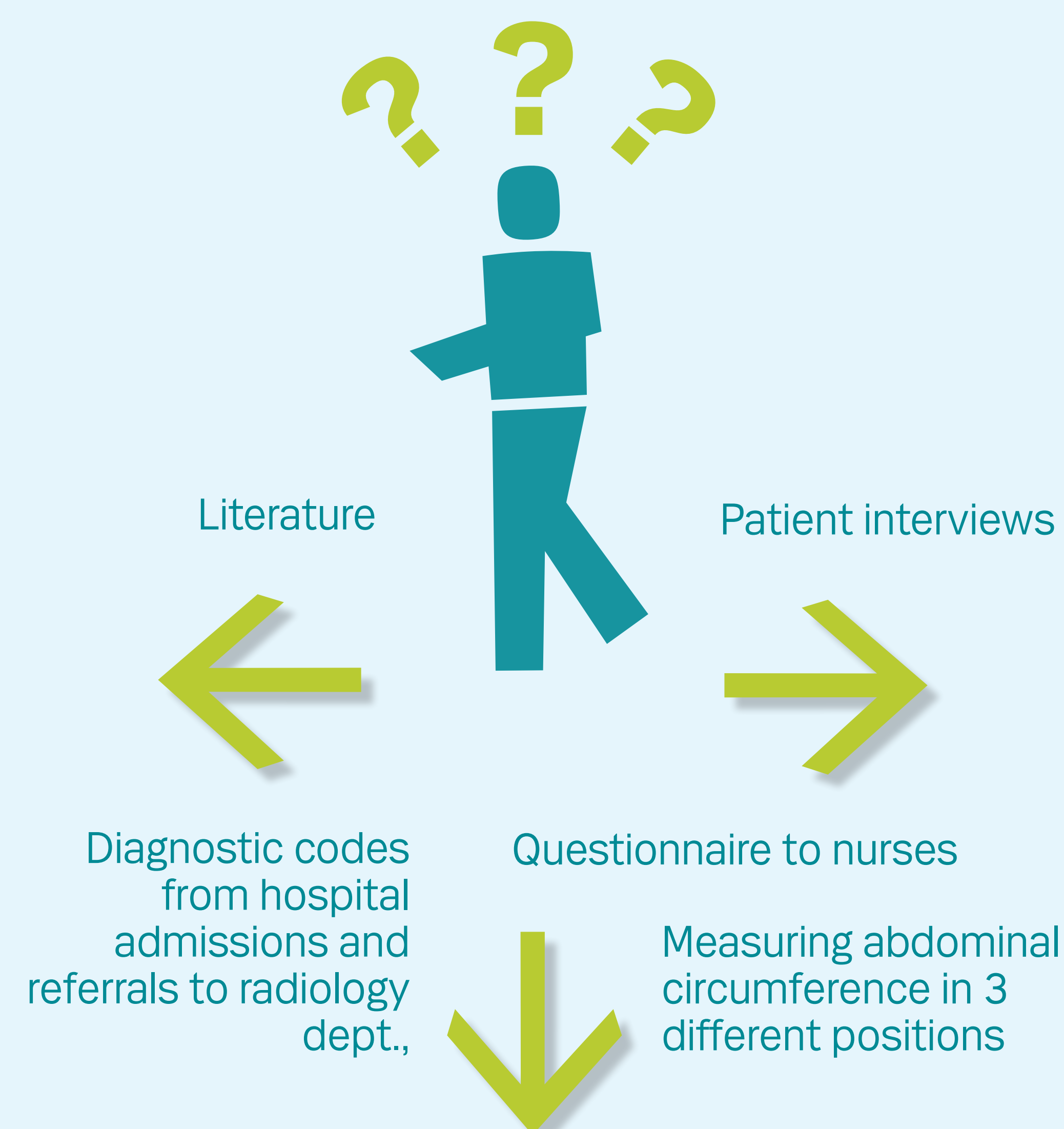
Visualize the number of patients

Examine whether patients' position during bandaging had significance to displacement

Examine how the nurse can participate in preventing displacement

METHODS AND MATERIAL

Since the area is limited described, a range of angles to illuminate the problems were used



RESULTS

56 of 84 admissions with 'mechanical' catheter problems were patients with nephrostomy problems. In average patients were admitted to hospital 3,14 days

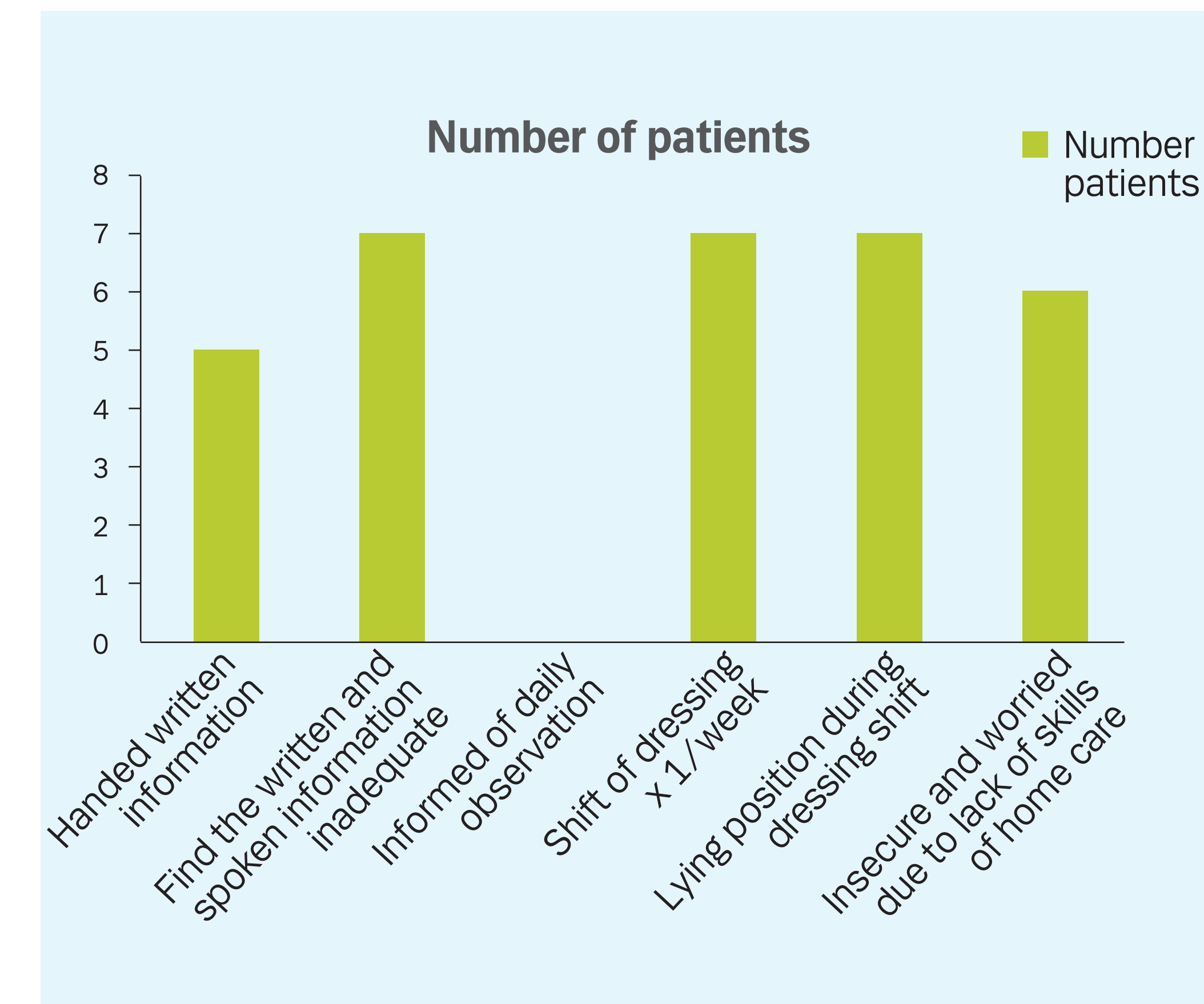
460 emergency referrals to department of Radiology were due to

Dysfunction	135
Autoremoval	41
Hydronephrosis	249
Infection	11
Planned removal	24

The abdominal circumference of 10 patients were measured while sitting, standing and lying on the side during bandaging. All 10 patients had the largest circumference while sitting. Difference was 2-7 cm from sitting to lying on the side. Both in hospital and at home, patients are lying on the side during bandaging.

Questionnaire to nurses (17 of 25 nurses returned the questionnaire) revealed no consistency between nurses with regard to what information they found the most important to communicate to patients.

Interview with 7 patients 2-3 weeks after discharge from hospital revealed that patients were insecure because of missing information both in writing as well as in speech.



CONCLUSION

- Written information will be reviewed
- Implementation of standardized nursing intervention for nephrostomy patients
- Randomized study in cooperation with dept. Of Radiology to establish the significance of the patients' position during fixation of dressing
- Dept. of Urology has a large number of admissions due to dysfunctional nephrostomy catheters, which is a financial burden to the department and affects the quality of life for the patients.

