

# Complications to a nephrostomy catheter

## - a descriptive quantitative study

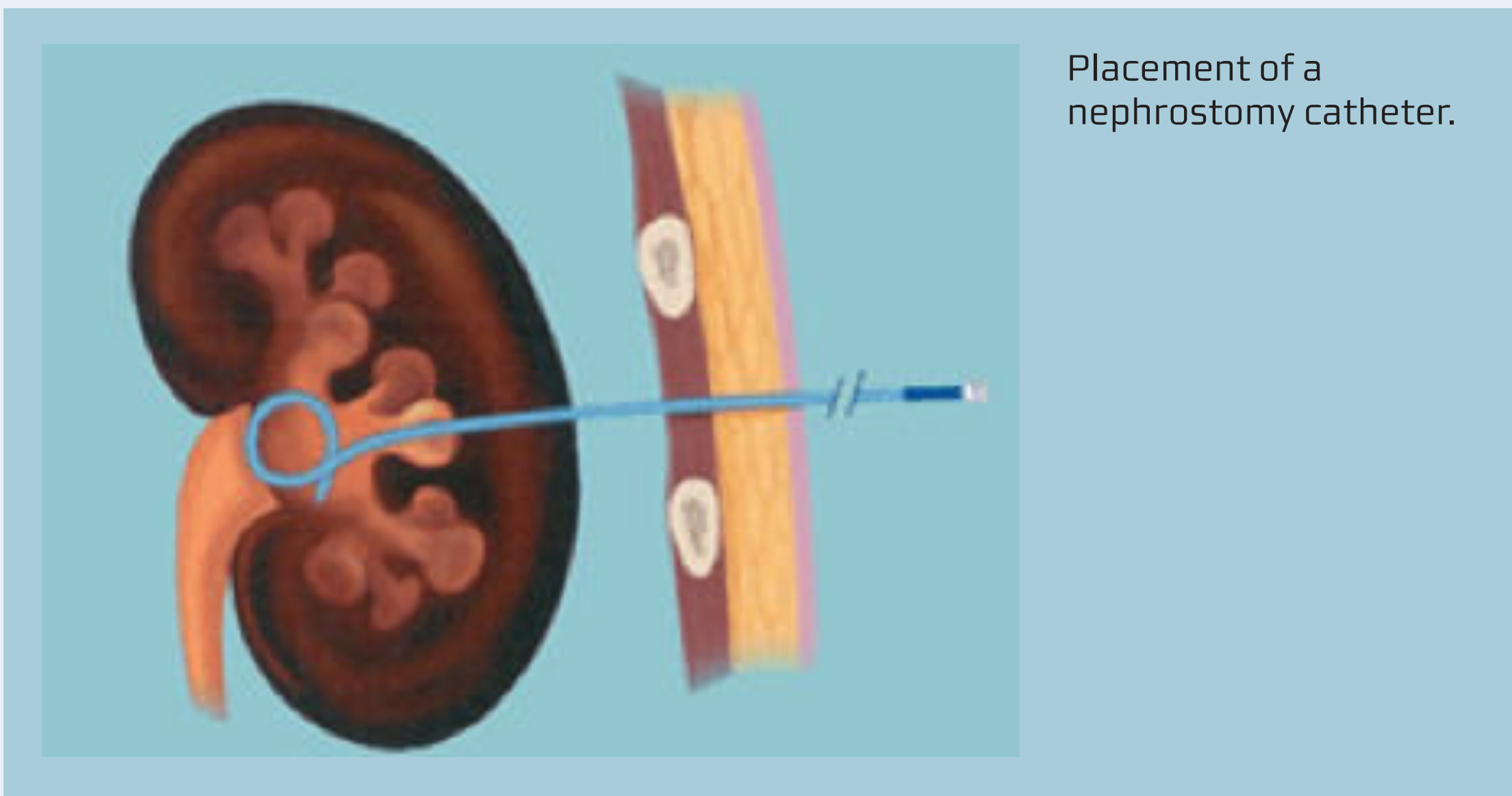
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### INTRODUCTION

A nephrostomy catheter is a very common treatment for patients having obstruction of the urinary tract system. Therefore complications to a nephrostomy catheter are one of the core elements in urological nursing.

There are no statements containing exact numbers of reported complications, and the problem is poorly described in the literature, in addition to this, the evidence of recommendations is low.



### OBJECTIVE

The aim of the study was to identify the number of patients having complications related to a nephrostomy catheter and the incidence for admission to the hospital caused by these complications

### MATERIAL AND METHODS

Quantitative descriptive study based on data from medical and nursing records

Study population: 120 urology patients  
Sampling period: March 2011 - March 2013  
Search strategy: Using diagnostic codes for complications

### RESULTS

The number of patients experiencing complications are listed in the table.

N= 120	Number of patients (n)	% (95% CI)
Complication	102	85 (77-91)
Malfunction	88	73 (64-81)
Haematuria	14	12 (7-19)
Infection	38	32 (23-41)
Pain	22	18 (12-26)

### CONCLUSION

A relatively large number of patients are caring a nephrostomy catheter.

The rate of complications to a nephrostomy catheter are highly frequent, calculated incidence 85%.

Malfunction is the most common complication, calculated incidence 73%.