

CLINICAL AUDIT ON CANCELLATION OF ELECTIVE DAYCARE

QLL74

TENCKHOFF CATHETER INSERTION SURGERY ON A SCHEDULED DAY IN HTAR

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INTRODUCTION

Peritoneal Dialysis (PD) is one of the three modes of kidney replacement therapy (KRT). Tenckhoff catheter (TC) insertion is required at least 2 weeks prior to commencing PD training. The cancellation of elective surgery has significant ramifications for both healthcare professionals and patients, leading to extended waiting times, increased costs, and physical and psychological distress for the patients. Our department introduced elective daycare TC insertion in 2022.

METHODOLOGY

- This was a prospective audit.
- Periods of data collection :
 - Phase 1 : 1st January 2023 to 31st March 2023
 - Phase 2 : 1st May 2023 to 31st August 2023
- Period of remedial action : 1st April to 30th April 2023.
- Database : Daycare of Nephrology Department.

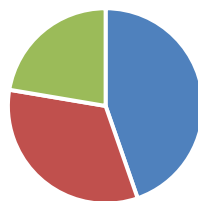
Remedial actions :

- Pre operative assessment
- Early identification patient needs to be admitted (e.g transportation issue)
- Optimize clinical conditions
- Counselling regarding surgery

RESULTS

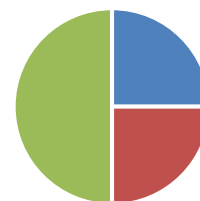
- The total of scheduled Tenckhoff catheter insertion were 96 cases. In which Phase 1 had 44 cases and in Phase 2 had 52 cases.
- 13 cases were cancelled (13.5%), 7 cases (16%) from Phase 1 and 6 cases (11.5%) from Phase 2 .
- We categorized the contributing factors into two groups : preventable and non-preventable factors.

Preventable 9 Cases (9.4%)



- Refused TK (4 cases) 4.2%
- Poor Compliance (3 cases) 3.1%
- Non-Optimal Condition (2 cases) 2.1%

Non Preventable 4 Cases (4%)



- Infection (1 case) 1%
- Bleeding (1 case) 1%
- CRE Contact (2 cases) 2%

DISCUSSION

Remedial action taken has significantly reduced cancellation rate of Tenckhoff catheter insertion from 16% (Phase 1) to 11.5% (Phase 2). A thorough pre-operative assessment helps identify and address potential issues like infections or coagulation problems before the procedure. By optimizing the patient's condition and managing contraindications early, it helps to prevent cancellations, reduce delays, and ensure a smoother transition to Peritoneal Dialysis (PD).

References:

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Ogwai, A.,Oyania, F.,Nkongwe,E.,Makumbi, T; Galukande, M. Prevalence and Predictors of Cancellation of Elective Surgical Procedures at a Tertiary Hospital in Uganda : A Cross-Sectional. *Surg. Res. Pract.* 2020, 2020, 1-7