



Service Priorities and Programmes
Electronic Presentations

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Enhance the rate of Day Surgery and Same Day Surgery in NTEC O&VS

Department

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Introduction

Same day surgery and day surgery is a more comfortable, economical safe and effective way of getting elective surgery done with shorten 'length of stay' and minimal overnight patient stay. It saves hospital beds for more serious medical conditions and reduces risk of cross infection. Since Jan 2017, in order to keep in line with hospital's direction of ambulatory care development, NTEC Visual Science and Ophthalmology department has started to fully utilize the available POAC quota and convert most of the GA elective surgery from in-patient operation to same day or day surgery.

Objectives

1) To increase day and same day surgery for GA elective Surgery. 2) To reduce cancellation rate of operation with pre-anesthetic assessment in advance 3) To monitor post-op complication of day surgery e.g post-op infection rate

Methodology

1) Liaise with anesthesia department for the availability of extra POAC quota ;2) To optimize the usage of POAC quota and ensure the success of day surgery, a selection criteria has been set to exclude: i) patient need to admit few days before for medical consultation e.g on warfarin; ii) patient live in OAH without transport for early admission on OT date; iii) patient need CT navigation one day before OT; 3) To arrange pre-op assessment by surgeon in order to ensure patient fully understands the proposed operation and signed consent right before anesthetist's assessment; 4) To collaborate with Day Surgical Unit for the workflow on admission date e.g surgical site marking and checking of Surgical Safety 123; 5) To arrange post op anesthetic assessment for patient under Squint OT without anticipated bleeding tendency and need of substantial nursing care; 6) Carry out audit to monitor post-op complications e.g infection

Result

The POAC quota has been fully utilized and most of the GA elective surgeries are prepared as same day or day surgery. From Jan to Dec 2017, the rate of day and same day surgery has been increased from 30% to 62%. With the early pre-op anesthetic assessment, the OT cancellation rate due to medical problem was

decreased from 16% to 4% with shorten length of stay. We have successfully converted the inpatient operation into Day surgery or same day surgery without increase rate of complication while maintaining the operative outcome.