



Service Priorities and Programmes
Electronic Presentations

Convention ID: 172

Submitting author: Ms Yim Ying MA

Post title: Advanced Practice Nurse, UCH, KEC

Pre-operation slit lamp eye examination and site marking processes in Day Surgery Centre for scheduled local anesthesia (LA) eye operation patient.

Ma YY(1), Lau COH (1), Wong YH (1)

(1) Department of Anaesthesiology, Pain Medicine & Operating Services, United Christian Hospital

Keywords:

Quality and safety care

Wrong site surgery

Surgical site marking

Slit lamp eye examination

Elective eye operation

Introduction

According to the WHO recommendation, surgical site marking processes should be performed pre-operatively. Current practices in Day Surgery Centre (DSC), patients were assessed by surgeons before transferring into operation theatres. At the same time, the operation site would be marked after verified with patients. That could help to ensure correct surgical site and to detect any mistake before surgery.

However, due to inadequate equipment was available at DSC for eye examination, the assessment and marking processes were performed in operation theatre for patients planned to have eye procedures. As a result, potential risks of wrong site surgery would be presented. In addition, cancellation of operation after patients enter the theater due to patient condition not fit can lead to the waste of government resources.

Objectives

Provide quality and safety care to ensure correct site surgery and facilitate the detection of any mistake before surgical procedures.

Methodology

1. Discussed the feasibility for pre-operative eye examination and site marking with eye team surgeons.
2. Collaborated with eye team colleagues for setting up an equipment list for preoperative eye examination.
3. Set up a room for placing a slit lamp with other equipment in DSC.
4. Formulated a workflow for surgeon and nursing staff to perform the examination.
5. Provided training to staff to facilitate the assessment and examination processes.

Result

Formulated a workflow for eye surgeon and nursing staff to perform the examination

and site marking process pre-operatively In 2017, over 1000 eye surgery patients were performed pre-operative eye examination with surgical site marked by surgeons at DSC. Moreover, over than 30 patients were found that they were not fit for operation or need further management after assessed by surgeons.