



## Service Priorities and Programmes Electronic Presentations

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

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#### **Keywords:**

Slit lamp eye examination

Surgical site marking

Wrong site surgery

Elective eye operation

Quality and safety care

#### **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.

#### **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**

Start from 2016 April to December, over 850 eye surgery patients were performed

pre-operative eye examination with surgical site marked by surgeons at DSC. Moreover, over than 10 patients were found that they were not fit for operation or need further management after assessed by surgeons. We look forward to extending this eye examination to all elective eye surgery patients in the near future. It is hoped that the program can provide quality and safety care to our patients.