



Singapore Healthcare Management 2016

Ensuring Availability of Proseal LMAs for Patient Use During General Anaesthesia (GA)



Ms Teo Poh Lian, Anaesthetic Unit
Ms Guo Fuxia, Post-anaesthesia Care Unit
Ms Mary Reyna Yphil, Theatre Sterile Supplies Unit

Introduction

Proseal Laryngeal Mask Airway (LMA) is an airway management device with a built-in tube to allow gastric access for removal of air and fluid from a patient's stomach.



Proseal LMA

It is inserted into patient's airway by the Anaesthetists in cases where endotracheal intubation is not required. It helps patient to breathe spontaneously during the process of GA.

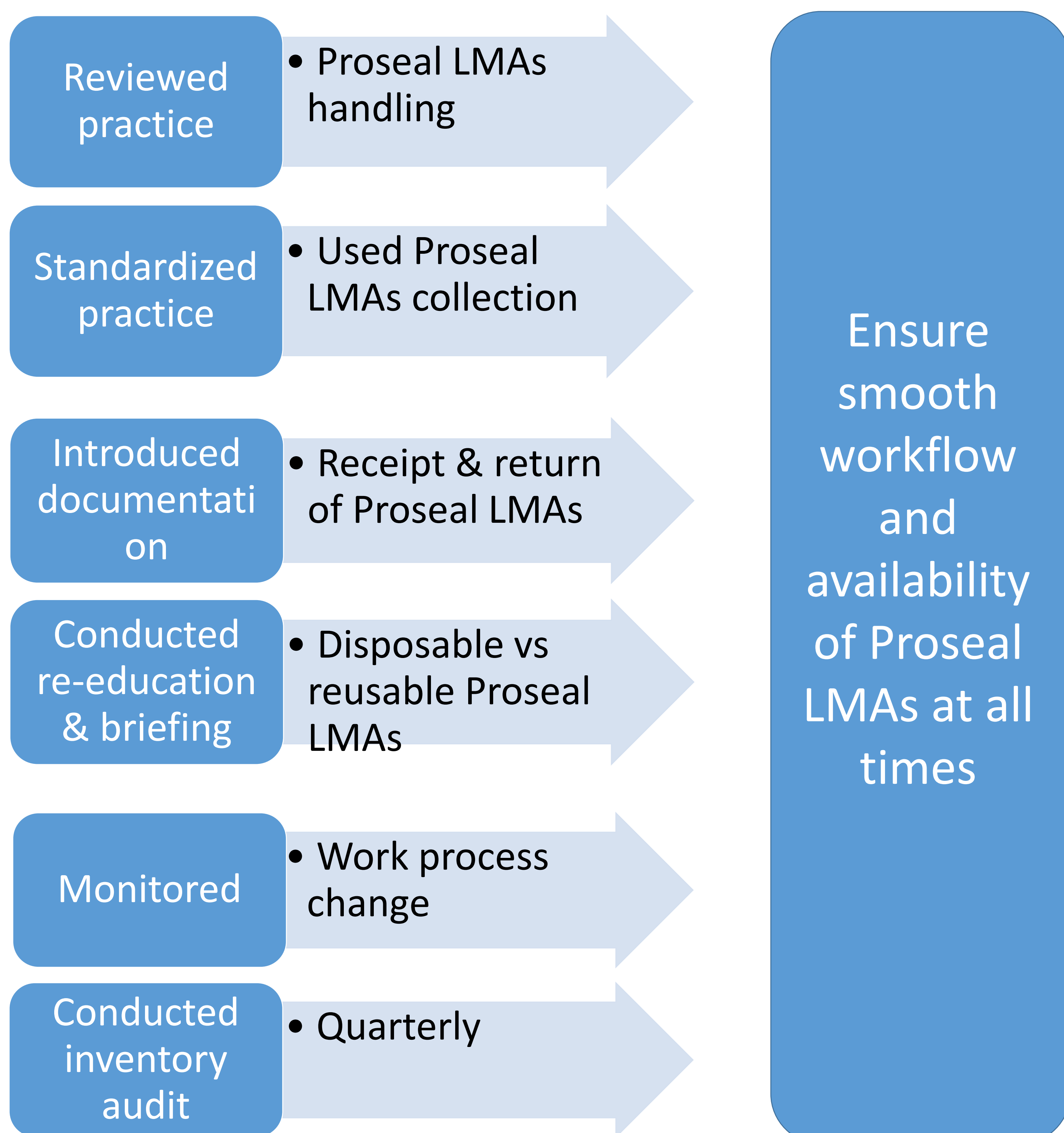
Background to Problem

Proseal LMAs in storage room are not always available / adequate to meet usage demands. This causes much stress to AU nurses and also, delays the administration of GA and start of surgery.

Objective

To ensure smooth workflow and availability of Proseal LMAs for patient use at all times.

Method



Results

- Proseal LMAs are always available for patients to use daily.
- Time savings of upto 15mins per case as searching for Proseal LMA is eliminated.



Proseal LMA costs \$360/- per piece. A total replacement cost savings of **\$20,400/-**.

Benefits

- Safe and effective patient care:
- No delay in surgery
 - Enhance hospital image



- Reduction in AU nurses' and TSSU staff stress level
- Boost staff morale and confidence
- Promote staff commitment and retention

Conclusion

Process of documentation is incorporated into the daily work processes of handling Proseal LMAs. A quarterly inventory audit in AU Major OT and TSSU conducted to ensure adequate supplies of Proseal LMAs for patients to use at all times as

