



**Service Priorities and Programmes**  
**Electronic Presentations**

**Convention ID:** 1183

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**Enhance utilisation of ventilator (Oxylog 3000 plus) to patients with respiratory diseases**

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**Keywords:**

Ventilator

Oxylog

Breathing

Airway

Equipment

**Introduction**

Ventilators are one of the vital medical equipment for supporting airway and breathing for patients. Usually oxylog 1000 will be used by providing CMV (controlled mechanical ventilation) mode ventilations to patients. Yet, it requires full sedation and may likely over use sedation medications to patients. Oxylog 3000 plus (ventilator) is often alternatives for doctors in emergency settings. It can provide different ventilator modes and non-invasive ventilation support to patients. Moreover, oxylog 3000 plus ventilators are lighter in weight, thus enhance the transportations to different hospitals.

Actions are taken to promote and enhance the usage of the oxylog 3000 plus ventilators.

**Objectives**

The objective of the study is to enhance the usage of oxylog 3000 plus ventilator to patients suffering from APO or COPD in emergency setting.

Non-invasive ventilation support is also encouraged using oxylog 3000 plus to APO or COPD patients.

**Methodology**

Cue cards have been set up in resuscitation rooms as quick references for physicians to adjust initial settings to patients.

Moreover, different sets are labelling on different modes of ventilations on resuscitation charts are designs to enhance proper and standard documentations for nurses during resuscitation and hand over process.

Furthermore, training sessions on wearing non-invasive mask, mode of ventilators and methods on documentations are provided to medical and nursing colleagues.

Frequent feedbacks on the usage of oxylog 3000 plus ventilators are encouraged and welcomed from colleagues for further improvements.

**Result**

Positive feedbacks were collected from colleagues. Colleagues are more familiar with

the oxylog 3000 plus ventilators.

Appendix of useful information is also attached to the cue cards, for example, dosage for common sedation, trouble shooting reference (DOPE) and nursing cares for ventilated patients.

The oxylog 3000 plus ventilators are used more frequently.