NSW HEALTH

Safety Information
SI: 001/09

08 January 2009

Dräger Oxylog 2000 Transport Ventilator

This Safety Information describes correct assembly for attaching the breathing valve.

Distributed to:

- Chief Executives
- Directors of Clinical Governance
- Directors of Clinical Operations

Expert Reference Group

Content reviewed by The

Clinical Excellence Commission

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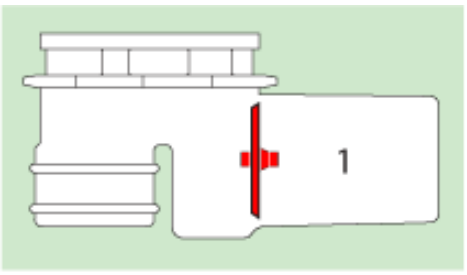
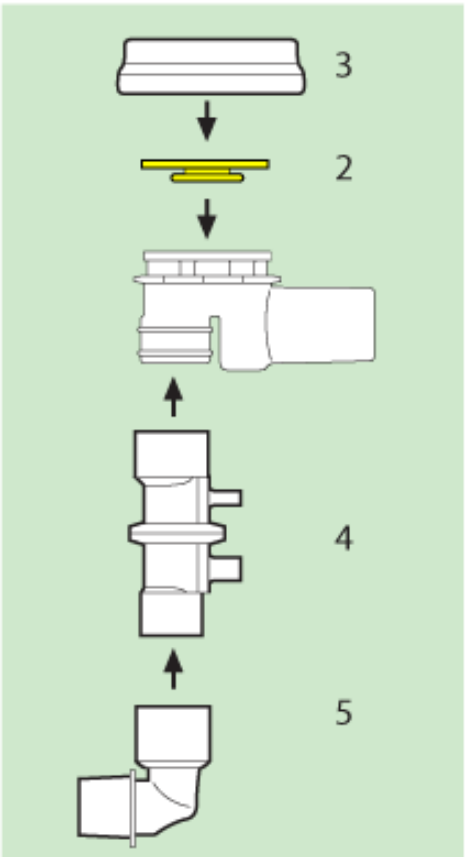
Recently an incident has been reported concerning a specific ventilator circuit (Dräger Oxylog 2000) which resulted in inadequate ventilation of a patient.

On checking the Dräger Oxylog ventilator circuit it was noted that the yellow valve had been inserted the wrong way round i.e.upside down. The result was that the patient was being ventilated predominantly with rebreathed gases.

The following diagram illustrates CORRECT assembly of breathing valve.

Cleaning and reassembly





Preparation

Assembly

Attaching the breathing valve

1. The rubber disc (Red) in the housing should not be removed, damaged or bent, otherwise impaired valve operation will occur, putting the patient at risk.

2. Place diaphragm (Yellow) in breathing valve – ensure that it is inserted correctly.

3. Fit cover and turn approx. 90° clockwise = lock.

4. Plug flow sensor into breathing valve; note preferred position (groove).

5. Push angled connector onto flow valve.

The angled connector must always be used, otherwise the flow measurement may be inaccurate!

Recommended actions by Area Health Services

1. Forward information to appropriate area for action.
2. Ensure a system is in place to document actions taken.

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Recommendation/s

- Ensure that the yellow valve is inserted correctly as shown in the diagram above and the correct steps are followed for assembling the Dräger Oxylog 2000 Ventilator.
- That the process of assembling of the device is checked by a clinician familiar with the Dräger Oxylog 2000 ventilator. Ideally the circuit should be tested on a 'test lung' to confirm there is inflation and pressure rise on inflation.

Additional Information

For further enquiries please contact Draeger Medical Australia Pty Ltd, Customer Service on 1800 800 327.

Email: med@draeger.com

Web: www.draeger.com.au