Operation Verification Procedure

Purpose

To standardize the operation verification procedure (OVP) for Siemens 300 and 300 A ventilators.

Procedure

- All Respiratory Care Services (RCS) ventilators are disassembled, cleaned and/or sterilized between each patient use. Equipment is reassembled and subjected to a systematic OVP prior to delivery to a patient care unit. The equipment processing and OVP procedure is performed by RCS personnel specifically trained to perform these tasks.
- All equipment is calibrated and operated according to the manufacturer's specifications and is periodically inspected and maintained according to an established schedule.

Verification of Operation:

Step	Action
1	Reassemble clean/sterilized components in the set-up room.
2	Attach the test circuit.
3	Attach a test lung
4	Plug unit in and power up; let it warm up for 15 minutes.
5	Set operational parameters as established during each step of the OVP procedure.
6	Attach air and oxygen supply hoses to source gas outlets as called for at points in the procedure
7	Replace the test circuit with the patient circuit after the OVP has been performed and the equipment passed
8	Place a label on the ventilator identifying the staff member who performed the procedure.

Infection Control

Documentation Per Infection Control Manual

- Documentation of OVP's maintained on the OVP Set-up form.
- Check lists will be kept in the Respiratory Care. Services set-up room.
- Serial number and Respiratory Care Services number and maintenance record will maintained by the Clinical Equipment Services (CES) Department.

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References Siemens 300 and 300A Service and Instruction Manual