

**OLIVE VIEW-UCLA MEDICAL CENTER
RESPIRATORY CARE SERVICES - ADULT
POLICY & PROCEDURE**

**NUMBER: 861
VERSION: 1**

SUBJECT/TITLE: MRI COMPATIBLE TRANSPORT VENTILATOR

POLICY: The Bio-Med IC-2A will be used on mechanically ventilated patients requiring transport from one area to MRI. It can also be used to transport mechanically ventilated patients to other specialty areas of the hospital such as CT Scan, Special Procedure, Nuclear Medicine, etc. Transports of mechanically ventilated patients are to conform to the Respiratory Care Service Department's policy.

PURPOSE: To be able to transport intubated ventilator dependant patients in-house or off-site

DEPARTMENTS: RESPIRATORY CARE SERVICES

DEFINITIONS:

PROCEDURE: Initial settings are to reflect current ventilator settings as ordered.

1. Modes: AC, SIMV, CPAP
2. FiO2 set via oxygen blender
3. Rate and I: E Ratio: selected from chart on ventilator. I: Time sec, Exp Time sec
4. Tidal Volume: I: Time and Flow Rate in LPM
5. PEEP: adjusted via knob and set per manometer
6. Pressure Limit: adjusted by a knob on backside of the ventilator. Usually set at 10 to 15cmH2O above Peak Inspiratory Pressure.

CAUTION: Do not bring Oxygen Tanks in the MRI unless they are MRI compatible. An H Cylinder tank is usually available to be placed outside the MRI to which the Bio-Med IC-2A can be connected. The ventilator has a long enough high-pressure oxygen hose to reach.

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References:	
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