

Providence Health Care	Department: Respiratory Services	Date Originated: June 2005 Date Reviewed/Revised: April 2008
PROCEDURE	Topic: <u>Emergency</u> – Enk Oxygen Flow Modulator (Respiratory Therapy) Number: B-00-12-12057	Related Links:
<p>APPLICABLE SITES: St. Paul's Hospital</p> <p>INDICATIONS:</p> <p>The Enk oxygen flow modulator can be used to provide supplemental oxygen when conventional ventilation by mask or endotracheal tube cannot be performed.</p> <p>It will provide some amount of gas exchange/ventilation, but it will NOT be sufficient to prevent accumulation of carbon dioxide.</p> <p>It can be used with an emergency transtracheal catheter or with an airway catheter with luer lock Rapi-fit adaptor.</p> <p>The Enk oxygen flow modulator is meant only for short term use until a proper airway can be established.</p> <p>EQUIPMENT:</p> <ul style="list-style-type: none"> • Enk oxygen flow modulator • Transtracheal catheter • Airway catheter with luer lock Rapi-fit adaptor (airway exchange catheter or Frova intubating catheter) <p>PROCEDURE:</p> <ol style="list-style-type: none"> 1. After placement of the catheter (transtracheal catheter or airway exchange catheter with Rapi-fit luer lock connection) within the trachea, connect to Enk oxygen flow modulator via luer lock connection. 2. Connect small bore oxygen tubing from flow modulator to oxygen flowmeter. Turn flow on to 10-15 L/min. 3. Intermittently cover ports of the modulator to provide fresh gas flow to the patient. Observe the patient for rise and fall of the chest. 4. Observe patient's oxygen saturation. Increase oxygen flow and/or frequency of occluding the modulator ports in an attempt to improve oxygenation. Be careful to allow enough gas 		

to be passively exhaled to prevent significant gas trapping.

5. Medications can be instilled directly into the trachea through the port on the flow modulator.