

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

**NUMBER: 5580  
VERSION: 1**

**SUBJECT/TITLE: ENDOTRACHEAL TUBE CUFF PRESSURE MONITORING**

**POLICY:** All patients with an artificial airway requiring mechanical ventilation will have cuff pressure monitored at least once per shift and results documented.

**PURPOSE:** To prevent trauma to the tracheal mucosa due to over inflation of the endotracheal tube cuff by carefully monitoring its cuff pressure.

**DEPARTMENTS: RESPIRATORY CARE SERVICES**

**DEFINITIONS:**

**PROCEDURE: MINIMAL OCCLUDING VOLUME (MOV) TECHNIQUE**

1. Draw 10cc of air into syringe
2. Place syringe tip into pilot balloon valve
3. Inflate cuff to prevent any leak
4. Place stethoscope over laryngeal area
5. Withdraw air during inspiration until a leak can be heard with stethoscope
6. Slowly inflate cuff until leak is not heard on peak inspiratory pressure
7. Record "MOV" on flow sheet.

References:	
Approved by: Edward Richard Lind (Chief of Respiratory Therapy), Nikhil Barot ()	Date: 05/16/2017
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Distribution: Respiratory Care	
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