

Section: Division of Nursing

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\* **PROCEDURE** \*  
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Index: 7030.023a  
Page: 1 of 2  
Issue Date: March 7, 2005  
Reviewed: September 2007

Approval: \_\_\_\_\_  
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HACKETTSTOWN REGIONAL MEDICAL CENTER

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**PACU**  
(Scope)

**TITLE: CO<sub>2</sub> MONITORING WITH EASY CAP II DETECTORS**

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**PURPOSE:** Easy Cap and Pedicap CO<sub>2</sub> Detectors:  
a. To provide an effective approach to evaluate collect endotracheal tube position.  
b. Monitors the presence of carbon dioxide.

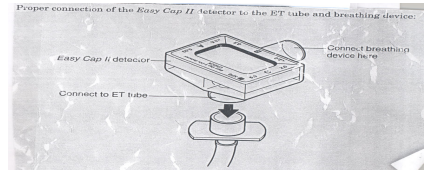
**EQUIPMENT LIST:** East Cap CO<sub>2</sub> Detector (stored in PACU med room)  
Bag-Mask Unit  
Gloves

**CONTENT:**

**PROCEDURE STEPS:**

**KEY POINTS:**

1. Wash hands and don gloves.
2. Attach Easy Cap II directly to endotracheal tube.
3. After first ventilation, primary confirmation needs to be performed.
4. If tube placement is positive by primary confirmation, then observe device for a color change from purple to yellow.
5. Notify MD of secondary confirmation with CO<sub>2</sub> detector.



Primary confirmation of tube placement is by physical exam.

Secondary formation of tube placement with a commercial device is a required adjunct by the American Hear Association.

A positive color change indicates the presence of CO<sub>2</sub> and therefore tube is in trachea.

MD will then order a chest x-ray.

6. If there is no color change, notify MD of need for reintubation. After reintubation, repeat steps 1-6.

DOCUMENTATION:

1. Document on PACU Record time that CO<sub>2</sub> Detector was placed. CO<sub>2</sub> Easy Cap II will work accurately for 2 hours.
2. Document positive color change and notification of MD on PACU Record.

Reference: American Hear Association. ACLS Provider Manual. 2004  
CO<sub>2</sub> Easy Cap II Product Insert.