

<b>Name of Policy:</b> <u>End Tidal CO2 Monitoring</u> <b>Policy Number:</b> 3364-136-08-03 <b>Department:</b> Respiratory Care <b>Approving Officer:</b> Chief Nursing Officer <b>Responsible Agent:</b> Director, Respiratory Care <b>Scope:</b> The University of Toledo Medical Center Respiratory Care Department	  <b>Effective Date:</b> April 8, 2019 <b>Initial Effective Date:</b> 12/6/1981
<input type="checkbox"/> New policy proposal <input checked="" type="checkbox"/> Minor/technical revision of existing policy <input type="checkbox"/> Major revision of existing policy <input type="checkbox"/> Reaffirmation of existing policy	

**(A) Policy Statement**

The Respiratory Care Department will initiate and maintain non-invasive monitoring of end-tidal CO2 as ordered by the physician in the intensive care, ED and step-down units. The nurses will initiate End Tidal CO2 monitoring via special nasal cannulas that are used with the pain pumps for narcotic administration.

**(B) Purpose of Policy**

To provide indications for the use of end-tidal CO2 monitoring.

**(C) Procedure**

1. Use of a Colormetric CO2 monitoring devise (EasyCap) or EMMA device is mandatory during intubations, for proper tube placement.
2. Examples of situations to be considered for end-tidal CO2 (capnography) monitoring:
  - a) Following initiation of mechanical ventilation, until stable arterial blood gases are achieved
  - b) While weaning patients following prolonged mechanical ventilation
3. End tidal monitoring associated with the Alaris pain pump will be documented every day at 8a with the oxygen rounds. See Nursing Service Standard of Care and Practice: PCA and Continuous Intravenous Medication.
4. End tidal monitoring while on the ventilator will be documented q4 hour.

<b>Approved by:</b>  /s/ _____ Date _____ Michael Taylor Director, Respiratory Care  /s/ _____ Date _____ Monecca Smith Chief Nursing Officer  <i>Review/Revision Completed By:</i> <i>Director, Respiratory Care</i>	<b>Review/Revision Date:</b> 5/27/1992 5/17/1993 9/19/1996 8/21/1999 9/25/2001 11/15/2004 8/28/2007 9/22/2010 8/16/2012 3/1/2016 4/8/2019  <b>Next Review Date:</b> April 8, 2022
<b>Policies Superseded by This Policy:</b>	