

Synopsis of Attached Articles Regarding ETT Cuff Pressure & CuffSentry™

Evaluation Of An Intervention To Maintain Endotracheal Tube Cuff Pressure Within Therapeutic Range – ([Intervention to maintain cuff pressure-AJCC.pdf](#))

This paper discusses the negative effects of both high and low ETT cuff pressure. Importantly, this paper documents without intervention, there is considerable decrease in ETT cuff pressure over time. An average of eight interventions were needed in a twelve hour period to maintain targeted ETT cuff pressure. This paper documents ETT cuff pressure were out of target range during the interval between intermittent measurements a high % of the time, increasing the risk for complications.

Continuous Control of Tracheal Cuff Pressure and Microaspiration of Gastric Contents in Critically Ill Patients – ([Continuous ControlCP.pdf](#))

This paper discusses the negative effects of over inflation and under inflation of ETT cuffs. This paper establishes a direct link between microaspirations around the ETT cuff and VAP. Importantly, a device that continuously maintains and monitors proper, targeted cuff pressure was shown to reduce VAP rate in this study.

Laboratory Evaluation of 4 Brands of Endotracheal Tube Cuff Inflator – ([Eval of 4 Brands of ET Cuff Inflators-RespCare.pdf](#))

This paper documents ETT cuff pressure reduction when using common methods of measuring and confirming ETT cuff pressure. Quote – “None of the tested devices can measure an existing CP without significantly reducing the pre-existing CP, and the higher the CP, the greater the loss.” This paper also quotes negative effects of low and high cuff pressure.

Monitoring Tracheal Tube Cuff Pressures in the ICU Can Prevent Injury – ([High Cuff Pressures.pdf](#))

This paper chronicles the high incidence of overinflated ETT cuffs and the associated negative patient outcomes. It is stated a method of managing ETT cuff pressure that does not require constant human intervention would be desirable. Cuff Sentry meets that need.

Cuff Management: Existing Problems and Solutions – ([Cuff Management Problems and Solutions.pdf](#))

Outline format explaining why current methods of cuff management must be addressed.

Policy Manual Template – ([Policy Manual Template.pdf](#))

This is a Policy and Procedure that was implemented by one of our user hospitals. This may be used as a starting point for your Policy and Procedure and/or as an example. It has some interesting procedures that you may want to implement or at least consider. This is a sample or guideline only.

FAQ “Frequently Asked Questions” – ([FAQ – CuffSentry.pdf](#))

This list pretty much covers most of the questions we’ve been asked about CuffSentry™; so far. Please contact us at Sales@CuffSentry.com or your local Tri-anim rep for questions not answered.

In-service Poster - ([CuffSentryInservicePoster.pdf](#))

This is a poster that is a great reference for in servicing the CuffSentry™ as well as a great stand alone training document. It is optimized to be printed at 11” x 17”.

Synopsis – ([Synopsis.pdf](#))

This is the document you are reading now. It is a list of the most requested references in relation to CuffSentry™. We have more supporting documents and clinical evidence. Feel free to contact us if you need more or have any questions. This document is listed here so that you can have a method to download and/or print it.