

KLIPS

King's Lynn Institute of Patient Safety



PneuX™ Pneumonia Prevention System

Prevents Pulmonary Aspiration

Prevents Bacterial Lung Contamination

Prevents Nosocomial Pneumonia in ICU



NHS Innovation Accelerator



PneuX™ Pneumonia Prevention System

An Endotracheal or tracheostomy tube & Tracheal Seal Monitor

Prevents Ventilator-Associated Pneumonia, by preventing pulmonary aspiration

The PneuX Pneumonia Prevention System has been highly engineered with a silicone cuff that does not leak.^{1,2}

There is an electronic tracheal seal monitor that prevents leakage at all times.

The entire airway above the cuff can be irrigated with high volumes of saline to render bacterial counts negligible preventing VAP.

An independent NHS RCT showed reduced VAP in elective cardiac patients.³

An episode of VAP has a cost of up to £25,000 to the NHS per patient.

A health economic analysis of an independent NHS study³ showing a reduction of VAP using the PneuX conducted by the University of Birmingham and the Royal College of Surgeons showed that using the PneuX saved >£700 per tube used predominantly by reducing length of stay (presented at ESCTS 2015 - in press).

PneuX™



Available from Qualitech Healthcare
Qualitechhealthcare.co.uk

References:

1. Young PJ, Doyle AJ. Preventing Ventilator-Associated Pneumonia. The Role of the Endotracheal Tube. *Current Respiratory Medicine Reviews* 2012; 8:170-183.
2. Doyle et al. The incidence of VAP using the PneuX System. *BMC Res Notes* 2011;4:92.
3. Gopal et al. Significant reduction in VAP using the PneuX System. *Eur J Cardiothorac Surg* 2014; 47(3):92-96.