



Securing Endotracheal tubes - Anchorfast

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Introduction and objectives

- To secure all Endotracheal and reduce the risk of displacement or accidental removal
- To reduce the incidents of pressure ulcers around the mouth

Recommendation

- *Insight* Endotracheal tube holders to be used for patients intubated for the first 24 hours
- The Anchorfast device to be used for **ALL** adult patients after the first 24 hours of intubation

Anchorfast

Selection Criteria (Hollister guide to application of Anchorfast)

Suitable for Anchorfast		Not suitable for Anchorfast	
Adult patients		Paediatric patients	
Protruding upper jaw teeth OR strong upper jaw bridge		Absence of upper teeth OR unable to wear upper set of dentures	
Normal facial structure, absence of facial trauma and dental appliances		Full lips, Facial swelling or trauma, presence of dental appliances	
No facial hair		Facial hair / unshaven skin	
Endotracheal intubation for ≥24hours		Intubation for less than 24 hours. Prone position	
Step 1	<p>Prepare the skin</p> <ul style="list-style-type: none"> • Make sure the skin is clean and dry and free of residue - ? use skin prep • Do not use skin gel wipes or other brands of skin preps with the oral endotracheal tube fastener 		
Step 2	<p>Remove the release liners</p> <ul style="list-style-type: none"> • Remove the release liners from the two skin barriers 		
Step 3	<p>Place the device on the patient</p> <ul style="list-style-type: none"> • Centre the device on the patient so that the foam bumper touches the skin (do not apply pressure) • Position the clamping mechanism 15mm below the patient’s upper lip • Press the adhesive barrier’s against the patient’s skin • Hold the device in place until they adhere well to the patient’s skin (approximately 30 seconds) 		
Step 4	<p>Secure the endotracheal tube (ET)</p> <ul style="list-style-type: none"> • Squeeze the tabs on either side of the shuttle (picture) and move the clamp along the track to a position above the ET tube • Remove the release liner from the strap exposing the adhesive. Before applying the adhesive to the ET tube ensure the tube is dry and free of any residue • Wrap the adhesive strap tightly around the ET tube • Pull the remaining portion of the strap through the clamp • Snap the clamp shut to secure – ensure there is an audible ‘click’ 		
Step 5	<p>Apply the neck band</p> <ul style="list-style-type: none"> • Insert the narrow end of the neck band through the plastic loop on the track • Fasten the strap to the neck band using the hook and loop closure • Adjust the strap on either side of the neck band for added comfort and security. Do not over tighten • Allow 2 fingers width between the neck band and the back of the patient’s head <p>NB: For neuro patients</p> <ul style="list-style-type: none"> • The neck band can be used • Do not over tighten • Consider further loosening the neckband if ICP is high 		

<p>Routine care and Safety</p>	<ul style="list-style-type: none"> • Reposition the ET tube side to side 2 hourly • Check the patient frequently to ensure the that both ET tube fastener and ET tube are positioned correctly • Check the ET tube adhesive strap once a shift or as indicated to ensure it is firmly secured • Repeated adjustments of the ET tube may affect the performance of the adhesive straplf the hydrocolloid starts peeling off, anytime between Day 1 and day 7, change it on that day • If the foam bumper comes off, anytime between Day 1 and Day 7, change it immediately • In some patients, though the hydrocolloid is well stuck, the foam bumper is intact, however the Anchor Fast may be drooping down, (Approximately on the 3rd or 4th day). Do change it.
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Application

Anchor Fast Fitting Tips

PLEASE DO REFER TO THE INSTRUCTIONS FOR USE BEFORE FASTENING IT TO THE PATIENT'S ET TUBE.

1. Warming up the Hydrocolloid cheek pads -

- Do warm the hydrocolloid by rubbing it with your hands for 10-15 seconds each
- After placing them on the cheeks, do hold it for around 30-45 seconds as the heat from your palms helps the hydrocolloid stick well to the skin

2. Patient selection is key

- If facial hair is not shaved, do not use the product
- If there is no upper maxillary support on the lips, do not use the product
- Existing skin conditions which you may feel may not be right for the hydrocolloid, do not use the product
- If the face size is small , as the product is not licensed for small children, do not use the product

3. How many days it should be used?

- A maximum of 7 days
- Monitor daily - If the hydrocolloid starts peeling off, anytime between Day 1 and day 7, **change it**
- If the foam bumper comes off, anytime between Day 1 and Day 7, **change it immediately**
- In some patients, though the hydrocolloid is well stuck, the foam bumper is intact, however the Anchor Fast may be drooping down, (Approx on the 3rd or 4th day) **Change it in this instance.**

4. Changing the position of the tube

- Squeeze the gliding shuttle, do reposition the tube as per the hospital set protocol which helps prevent any lip pressure incidence.
- Oral care becomes easy and we have studies showing that Better Oral access leads to Better oral care helps reduce incidence of VAP.

5. Price - £8.78 which is around £1.50-£2.00 /day.