

**Tube Holders:** A. Feeding & Gastric Suction B. Endotracheal C. Feeding & Gastric Suction

### Specifications Guide

Size	ETT	ETT O.D. Fitment Range	Feeding & Gastric Suction Tube Sizes	
			A	C
0	2.5mm*	3.3 - 3.7 mm	5F	6F**
1	3.0mm	4.0 - 4.5 mm	6.5F	8F**
1x***	3.0mm	4.0 - 4.5 mm	6.5F	10F
2	3.5mm	4.5 - 5.0 mm	6.5F	10F
3	4.0mm	5.0 - 5.5 mm	6.5F	10F

\* 5F inline suction catheter is recommended. \*\* Will secure 6F & 8F EDI Catheters. \*\*\* Same size arc as size 2

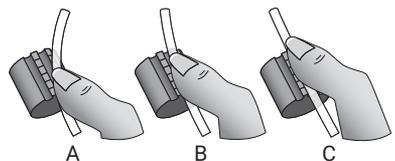
ArcAngel size 1x will hold 3.0 ETT with the same arc size as size 2, to accommodate larger infants requiring smaller ETTs.

### Applying the ArcAngel and Cheek Pads

1. Secure infant airway.
2. Use the above specifications guide to find the appropriate size ArcAngel based on tube sizes and corresponding arc size.
3. Place cheek pads on the arc first and position them directly in front of the ears with the arc and barrel positioned over the upper lip (see diagram on the right).  
*Tip: Hold the cheek pads with both hands and slightly flare them out as you apply them to clean/dry skin.*
4. Open the rotating locking ring to the ETT opening and pop the tube into the groove from the base (A) and gradually work in the tube (B) until it is secure in the groove (C). Rotate the outer ring to the lock stop position to secure the tube in place.
5. If a feeding or gastric suction tube is required, insert the tube into the patient, rotate the outer locking ring to the appropriate opening, place the tube into the groove (as in step 4) and rotate the outer ring to the lock stop position to secure tube in place.

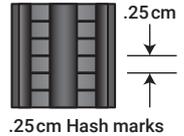


*Ideal alignment*



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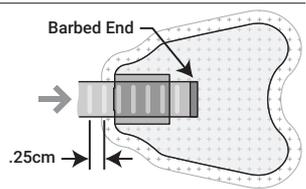
6. To adjust any tube, open the outer locking ring to the desired opening, advance or retract the tube **while it remains secure in the groove**, utilizing the 0.25cm hash marks on the ring as a guide, and lock the outer ring.
7. In an emergency or for a trial extubation, the ArcAngel can be removed by holding the cheek pads in place, gently pulling the ArcAngel out of the cheek pads, leaving the pads and any additional tubes intact. The same ArcAngel can be inserted back into the cheek pads for continued use if needed.
8. **To remove cheek pads:** Wipe the external surface of adhesive generously with Nurse Angele's Wipes or your adhesive remover of choice, allowing time for full saturation of the adhesive. Next, gently pull up a corner of the pad and continually wipe the skin/adhesive interface while gently pulling off the cheek pad.
9. Replace cheek pads if they are lifting off. **Note: Both cheek pad sizes are compatible with all ArcAngel sizes.**
10. **To replace cheek pads:** 1 person holds ETT, remove arc from both cheek pads, replace both pads on skin and then re-insert arc into new cheek pads.



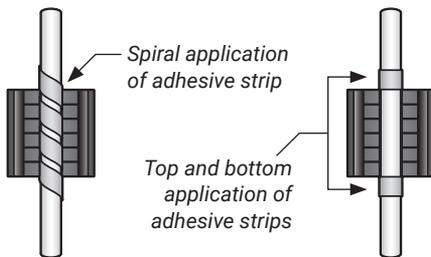
## Usage Tips

- Person placing the ArcAngel should be at the head of the bed.
- In cases of facial edema, ArcAngel can be adjusted further up and out of the cheek pads to accommodate swelling. Each hash mark on the arms of the ArcAngel is 0.25cm. If arm adjustment is needed, advance ETT first, then adjust arc to accommodate face, then recheck ETT placement.

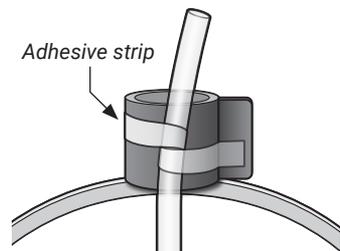
- Proper insertion of ArcAngel into cheek pads
  - Ensure retention of ArcAngel arms by inserting them all the way through the cheek pad channel. The barbed end ensures the arms remain in the channel. See diagram on right.



- To accommodate ETT O.D. variability, adhesive strips are provided to ensure a secure fit within the ArcAngel.



The addition of the adhesive strips provides an increase in pull force up to 70%.



Use adhesive strip to adhere alternate size tubes to side of outer ring.

**ARCANGEL AND CHEEK PADS ARE FOR SINGLE-PATIENT USE ONLY**

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