Aintree Guided Trans-LMA Fiberoptic Assisted Endotracheal intubation

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Aintree intubation catheter
Pediatric intubating fibrescope
Size 7 or 7.5 plain endotracheal tube
Size 3 or 4 LMA
Scissors
Lubricant
1. Cut endotracheal tube to 27cm - ensure the connector can fit into cut end easily again
2. Cut bars off LMA if possible
3. Lubricate the Aintree catheter well
4. Focus the peds scope
Insert the LMA and ventilate
Pass pediatric fiberscope through Aintree catheter

Lube outside of the Aintree then insert into LMA
Pass Aintree with scope into the trachea
visualize the carina to confirm position in trachea
Ensure that adequate Aintree remains in the trachea
Make note of external marking of Aintree at the teeth – at least 25cm in adult
Hold top of Aintree as you start to remove LMA then swap and hold the Aintree at the teeth (at 25cm) as LMA is removed
Grasp the top of the Aintree catheter as tube is advanced
Lube exterior of ETT to help passage past cords
Maintain 25cm marking of Aintree at teeth at all times
Maintain 25cm marking of Aintree at teeth
Lube exterior of ETT to help passage past cords
Ensure ETT is placed to adequate depth to pass cords
Grasp ETT as Aintree is removed

Place tube connector into cut end (check it fits easily earlier)

Ensure the ETT is placed to adequate depth to pass cords
Check ETCO2, chest rise, peak pressure, SaO2
Inspect endotracheal tube position with fiberscope