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History of Airway Management It's older than you think!				
Egyptian tracheostomy Miller and M blind oral tracheal intubation O'Dwyer intubates children with diptheria Kirsten's "autoscope" Direct visualization (DL)	AacIntosh blades FOBs Supraglottic airway devices (LMA) Video Iaryngoscopes			
3,600 BC 1880's 1890's 15	940's 1980's 2000's BCM the second se			

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## Direct Laryngoscopy

Over 80 years old

- Described late 1800's, in clinical use since 1913. Miller and MacIntosh blades developed in 1940's still used in 2012.
- Simpliest, most common method of intubation.
- Indications: Placement of ETT when advanced airway support is needed. May be for surgical or medical reasons.
- Limitations: Patient position, oral opening, limited neck mobility, inability to align the airway axis's

 Nursing implications: sore throat, hoarseness, dysphagia, injury to teeth or soft tissue

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## Flexible Fiberoptic Bronchoscopy FOBs

• In medical use since 1966, it wasn't until the 1980's for intubation of the airway.

- Light source, insertion cord and handle. Visualization is at distal end of scope and transmitted via fiberoptic bundle to eyepiece. Can be performed awake or asleep, oral or nasal.
- Indications: difficult airway, limited oral opening, limited neck mobility, difficult DL but able to mask ventilate
- Limitations: copious blood and secretions, uncooperative patient
- Nursing implications: difficult airway?, assist with equipment, sore throat, hoarseness, dysphagia

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Esophageal-Tracheal Combitube		
Combitube		
1'	K	
Conceived of in 1960's, introduced into clinical practice 1980's. Blind insertion of a double lumen tube to allow airway management		
Indications: primarily used in out of hospital by providers with limited airway training, difficult airway		
• Limitations: esophageal, pharyngeal or laryngeal injury, supraglottic obstruction		
• Nursing implications: device recognition		
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## Conclusions Implications for Perioperative Nurses Knowledge of the anesthesia tools used for your patient will enhance your care via anticipation of possible complications. Ask appropriate questions relating to the airway management used: \* Was this a difficult airway? What are the unique post op complications I can anticipate? Does this patient need capnography in the PACU? What is most appropriate unit for this patient post-op?





