



NASOGASTRIC (NG) & OROGASTRIC (OG) TUBES	
Adult	Pediatric
Indications	
<ul style="list-style-type: none"> • Cardiac arrest • Respiratory arrest 	
Contraindications	
<ul style="list-style-type: none"> • Suspected basilar skull fracture • Suspected mid-facial fractures 	
ALS	
<ul style="list-style-type: none"> • Select appropriately sized gastric tube 8 – 18 FR (for pediatric patients, use length based tape) • Measure the insertion length of gastric tube from midway between the xiphoid process and umbilicus, to the earlobe, and over to the tip of the nose • Mark the measured length of gastric tube with a piece of tape • Lubricate tube with water soluble lubricant 	
Nasal Insertion	
<ul style="list-style-type: none"> • Direct gastric tube along the floor of nostril to the posterior nasopharynx • Feed the gastric tube through the oropharynx down the esophagus and into the stomach • Stop when taped mark nears nostril 	
Oral Insertion	
<ul style="list-style-type: none"> • Direct gastric tube along tongue to posterior oropharynx • Feed the gastric tube down the esophagus and into the stomach • Stop when taped mark nears the lips • Follow manufactures sizing guidelines when inserting through an i-gel[®] 	
Confirmation Steps	
<ul style="list-style-type: none"> • Inject 10 to 20 mL of air while auscultating over the stomach for a “swoosh” or “burping/bubbling” • Confirm absence of similar sounds in the lungs by auscultating over the mid-axillary line bilaterally • Aspirate gastric contents • Tape the tube in place • Attach the gastric tube to low pressure suction (20 – 120 mm) and observe for gastric decompression 	
Consider	
<ul style="list-style-type: none"> • Fogging or lack of gastric contents may indicate tracheal placement • If vomiting occurs, proceed with placement and suction around the gastric tube • Difficulty in placement may be eased by directing the chin posteriorly and performing a manual jaw thrust while inserting the gastric tube 	
Direction	
<ul style="list-style-type: none"> • Abandon gastric tube placement if unsuccessful after 3 attempts 	