

عنوان مقاله:

oropharyngeal airway with cuffed esophageal tube

محل انتشار:

ششمین کنفرانس بین المللی پژوهش های کاربردی در علوم و مهندسی (سال: 1401)

تعداد صفحات اصل مقاله: 10

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خلاصه مقاله:

An oropharyngeal airway with cuffed esophageal tube consists of an oral airway and an elongate esophageal tube attached proximally to the oral airway with a distal end (λ) for insertion inside mid-esophagus. The esophageal lumen is configured for drainage of aspiration contents with a sump port at the distal end of esophageal tube and sump lumen formed the length of the corresponding tube. An inflatable esophageal cuff is carried by the esophageal tube body mid-esophagus and an inflation lumen is formed within the esophageal tube and connects the inflatable esophageal cuff to inflatable balloon through which the esophageal cuff is inflated and deflated. Upon inflation of the esophageal cuff, emesis and/or reflux is blocked from passing out of the stomach past the esophageal cuff to protect a patient's airway.

کلمات کلیدی:

Anesthesia, mask ventilation, aspiration, oropharyngeal airway

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