Airway Management of the Complex Patient

Undergoing a deep sedation procedure places a variety of **complex patients** at risk for **upper airway obstruction**, and may cause hypoventilation, hypoxemia, and other pulmonary complications. Nasal positive airway pressure (nPAP) has been shown to be an effective means of relieving upper airway obstruction, and reducing the incidence of acute respiratory failure. 3-6

In this lecture, **Pablo Mesa Suárez M.D.** will discuss the criteria for defining a complex patient, the application of the 2022 American Society of Anesthesiologists Practice Guidelines for Management of the Difficult Airway, and discuss clinical cases referencing his use of the nPAP device, **SuperNO₂VATM Et**.



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REFERENCES

- 1. Yilmaz M, Aydin A, Karasu Z, et al. Risk factors associated with changes in oxygenation and pulse rate during colonoscopy. Turk J Gastroenterol 2002;13(4):203–8. [PMID: 16378306]
- 2. Qadeer MA, Lopez AR, Dumot JA, et al. Hypoxemia during moderate sedation for gastrointestinal endoscopy: causes and associations. Digestion 2011;84:37-45. [PMID: 21304242 DOI: 10.1159/000321621]
- 3. Jaber, Samir, Gerald Chanques, and Boris Jung. "Postoperative noninvasive ventilation." Anesthesiology: The Journal of the American Society of Anesthesiologists 112.2 (2010): 453-461.
- 4. Sutherasan, Yuda, Maria Vargas, and Paolo Pelosi. "NIV in the perioperative period." ERS Practical Handbook of Noninvasive Ventilation (2015): 135.
- 5. Gross, Jeffrey B., et al. "Practice guidelines for the perioperative management of patients with obstructive sleep apnea an updated report by the American society of anesthesiologists task force on perioperative management of patients with obstructive sleep apnea." Anesthesiology 120.2 (2014): 268-286.
- 6. Cabrini, L., et al. "Intraoperative prophylactic and therapeutic non-invasive ventilation: a systematic review." British journal of anaesthesia 112.4 (2014): 638-647.

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