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## **Percutaneous dilatational tracheostomy and modifications in intensive care unit patients**

**Ashraf Ahmed Yakoot EL-Bedeiwy<sup>1</sup>, Rasha Mohamed Elsayed<sup>1</sup>, Mohamed Mourad<sup>1</sup> and Mohamed Mohsen Rasheed<sup>2</sup>**

<sup>1</sup>Air Forces General Hospital, Egypt

<sup>2</sup>Ain Shams University, Egypt

**P**ercutaneous dilatational tracheostomy (PDT) is a commonly performed procedure in critically ill patients. It can be safely performed bedside. This has resulted in decline in the use of surgical tracheostomy except in few selected cases. Over the last 10 years data on newer methods of insertion, timing, safety profile and complication rates have been published, which have greatly improved our understanding of this procedure. Most common indication of tracheostomy in ICU is the need for prolonged ventilation. complications become less with increase in skills. Many methods of performing PDT have been discovered recently, Bronchoscopy have been found beneficial procedural aides the PDT. In our study brief overview about the use of PDT in ICU and, different percutaneous techniques will be discussed. We conclude that

percutaneous tracheostomies offer benefits for some of the outcomes when compared with surgical tracheostomies.

### **Speaker Biography**

Ashraf Ahmed Yakoot EL-Bedeiwy, MD degree in Otolaryngology head and neck 2003, Alazhar- university. He is the member of Military medical academy Cairo Egypt. He trained for one year as clinical fellowship and specialized postdoctoral training in otolaryngology & neuro- otology department in hospital Nord, Marseille, France (2009- 2010). He has been Certified in diploma of endoscopy and surgery in Oto-rhino skull base (inter university, Transmedeast certificate), 2010-2012. He is the Reviewer of articles in Egyptian journal of otolaryngology (EJO). He also works as head of otolaryngology dept. Air forces hospital Cairo Egypt.

e: drashraf2007@hotmail.com



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