

## PEDIATRIC TRACHEOSTOMY; INDICATIONS, COMPLICATIONS AND SURGICAL TECHNIQUES

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**P**ediatric tracheostomy is a relatively common surgical procedure worldwide. In recent decades, the indications for pediatric tracheostomy have been changing. While in previous years acute airway inflammation such as diphtheria or epiglottitis were a frequent infection of the tracheostomy, nowadays more frequent indications for pediatric tracheostomy includes upper respiratory tract obstruction, long-term need for mechanical ventilation and necessity of pulmonary care. Approach to the child with airway problems requires a multidisciplinary approach. Pediatric tracheostomy procedure has higher morbidity, mortality and complication rates compared to the tracheostomy in adults population. Thus, the experience of the team is very important. The aim of this presentation is to advert indications, surgical technique and complications of pediatric tracheostomy.

#### Recent Publications

1. Donnelly MJ, Lacey PD, Maguire AJ. A twenty year (1971-1990) review of tracheotomies in a major paediatric hospital. *Int J Pediatr Otorhinolaryngol* 1996;35(1):1-9.

2. Trachsel D, Hammer J. Indications for tracheostomy in children. *Paediatr Respir Rev* 2006;7(3): 162-68.
3. Midwinter KI, Carrie S, Bull PD. Paediatric tracheostomy: Sheffield experience 1979-1999. *J Laryngol Otol* 2002;116(7): 532-35.
4. Carron JD, Derkay CS, Strobe GL, Nosonchuk JE, Darrow DH. Pediatric tracheotomies: changing indications and outcomes. *Laryngoscope* 2000; 110(7): 1099-1104.
5. Fearon B, Ellis D. The management of long term airway problems in infants and children. *Ann Otol Rhinol Laryngol* 1971; 80(5): 669-77.

#### Biography

Taliye Cakabay, is a practicing Ear, Nose & Throat (ENT specialist) in Kanuni Sultan Sulyman Education and Research Hospital. She completed his residency in Otolaryngology Head and Neck Surgery at the Bakirköy Dr. Sadi Konuk Education and Research Hospital in 2011. She is a general otolaryngologist with special interest pediatric otolaryngology.

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