

## **Unilateral Choanal Atresia**

Fatima N. Abulfateh, MD\* Hiba Al-Reefy, MBBCh, DO-HNS, FRCS ORL-HNS\*\*  
Salman Al-Khalifa, FRCS, DLO\*\*\*

**We report a 24-year-old male, known case of right hemifacial microsomia and microphthalmia with right eye prosthesis who presented to ENT clinic with history of unilateral nasal blockage and rhinorrhea since birth. Physical examination and CT scan imaging confirmed the diagnosis of unilateral bony choanal atresia.**

**He had right endoscopic transnasal repair of the choanal atresia and Mitomycin C application. A palatal perforation complicated the procedure which required surgical repair. The patient was discharged on antibiotics and nasal douches.**

**Six months follow-up revealed a patent nasal airway and complete healing of the palatal perforation. No dilatation was required.**

---

\* Senior House Officer  
\*\* Consultant, Head of Department  
\*\*\* Consultant  
Department of ENT  
King Hamad University Hospital  
Kingdom of Bahrain  
Email: fatima.abulfateh@khuh.org.bh