

Endoscopic Management of Accidentally Lodged Airgun Pellet in Paranasal Sinus

Vivek V Harkare, Sonali P Khadakkar, Nitin V Deosthale, Priti Dhoke, Kanchan Dhote
Department of ENT, NKP Salve Institute of Medical Sciences, Nagpur

ABSTRACT

Although Air gun is categorized as a toy and seemingly harmless injuries with these are quite common in children and adolescents. Injury due to air gun is mostly accidental and in-fact due to negligence. A 17 year old female was admitted in the ENT department with history of air gun injury just below right eye accidentally by the hands of her brother. Diagnostic Nasal Endoscopy revealed no foreign Body. In the Computed Tomography imaging, a pellet was seen lodged in the anterior ethmoid, in close proximity to cribriform plate with a trajectory of pellet tract through the retro-orbital fat. Pellet was found to have been migrated to posterior ethmoid. Its removal was done by endoscopic approach without complications.