**Original article:**

**Study of incidence and various types of foreign bodies in tracheobronchial tree in rural population**

**1Dr. C.Anandkumar , 2Dr.C.Ashokkumar , 3Dr.Aniket Lathi , 4Dr. Sanjay Kishve**

**1,3,4 Department of ENT , 2 Department of Pediatrics ,**

**Rural Medical College, PIMS, Loni , Tal. Rahata , Dist. Ahmednager , Maharashtra , India**

**Corresponding author: Dr. C.Anandkumar**

**Abstract:**

**Introduction:** Aspiration of Foreign bodies in respiratory passage presents as a grave emergency, unless diagnosed and treated promptly, a fatal outcome becomes almost inevitable. The present work was planned to study the incidence and various types of foreign bodies in the tracheobronchial tree in various age groups, residing in rural area.

**Material and methods:** The present study carried out in the department of ENT , a total of 50 cases of foreign bodies in tracheobronchial tree were investigated and managed. It was possible to arrive at a provisional diagnosis of foreign body in the bronchus on the basis of history, clinical examination and chest X-Ray. Bronchoscopy was performed as a diagnostic measure in few cases where clinical suspicion alone was strong, although investigations were not supportive of it.

**Results and Conclusion:** Majority of the foreign bodies aspirated, are of vegetative origin, out of which Groundnuts and Maize are most common in our country. From present work we may conclude that there was seen predominance in male children mainly 3 years below. The foreign body incidence were noted mainly vegetative form .

**Keywords:** Tracheobronchial tree , foreign body