

A Rare Case of Acquired Benign Tracheoesophageal Fistula: Case Report and Literature Review

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Abstract : Acquired benign tracheoesophageal fistula is a rare medical condition that usually results from trauma, foreign bodies, or granulomatous infections. This is an unusual presentation of a male patient with a history of laryngectomy who had had over a period of several years inappropriately and vigorously used valve cleaning brushes to clean tracheal secretions, which had led to the formation of a tracheoesophageal fistula. Due to the patient's obsessive habit, we couldn't manage him using conventional surgical methods. Instead, we opted for the placement of a salivary bypass tube, which yielded good results and recovery. To the best of our knowledge, no other case of similar etiology has been published. We would like to highlight the importance of appropriate patient selection and education prior to performing a tracheoesophageal puncture to avoid developing life-threatening complications as demonstrated in our case report.

Keywords : tracheoesophageal fistula, speech valve, endoscopic insertion of salivary bypass tube, head and neck malignancies

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