

20 years Experience of Pharyngolaryngectomy and Gastric Pull-up for Postcricoid Carcinoma

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Patients with advanced cancer of hypopharynx and cervical esophagus have a very poor prognosis. Survival of these patients is approximately 50% at 1 year and 20-30% at 5 years. Reconstruction of a defect after resection of the hypopharynx and cervical esophagus remains one of the greatest challenges to the head and neck surgeon, the most common reconstruction options are: Gastric pull-up, jejunal free flap, pectoralis major myocutaneous flap and radial forearm fasciocutaneous free flap.

The aim of our work is to evaluate the results of 20 years of hypopharyngeal reconstruction with gastric pull-up for postcricoid carcinoma in our institution. Between July 1996 and June 2015, 104 patients underwent total pharyngolaryngectomy with gastric pull-up for hypopharyngeal reconstruction in our institution. Most patients had locally advanced tumors of the hypopharynx (n=80) with the remainder having cervical esophageal carcinoma (n=24). Patient's records were reviewed including location and stage of the primary tumor, gross and pathological surgical resection margins, operative complications and mortality.

Functional results especially the ability to resume oral intake, were determined and 3 years follow-up was complete for all patients. Postoperative complications were anastomotic leaks (9.6%), dysphagia (8.7%), pulmonary complications (26.9%), cardiovascular complications (10.6%), sepsis (2.9%), perioperative mortality (3.8%), tumor recurrence (17.3%) and distant metastasis (4.8%). The 3 year-survivals were (73.1%).

Results will be discussed and demonstrated by photos and videos.

Biography:

Dr. Alaa Eldin Elfeky is a professor of Otorhinolaryngology & Head and Neck Surgery, faculty of medicine, Zagazig University. He is also the president of Delta Society of Otorhinolaryngology, Egypt & an International Member of American Academy of ORL-HNS, founder and senior of Cochlear Implant Unit, Zagazig University. He is also the founder and senior for Head & Neck Surgery Unit, Zagazig University.