A Case of Hypopharyngeal MALT Lymphoma Treated with Endoscopic Transoral Surgery

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Mucosa-associated lymphoid tissue (MALT) lymphoma is a low-grade B-cell lymphoma which arises from a complex organization of mucous membranes and lymphoid tissues. Such lymphomas have been reported as occurring in the head and neck region, including the major salivary glands, thyroid gland and the Waldeyer ring, but there are no reports on hypopharyngeal MALT lymphomas in Japan. We encountered a very rare case of hypopharyngeal MALT lymphoma that we were able to treat with curative resection via the endoscopic transoral surgery.

Keywords: hypopharyngeal, endoscopic, transoral, mucosa-associated lymphoid tissue (MALT) lymphoma, hypopharynx

References


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The rigid endoscope with a flexible tip. This thin scope has a fine 5 mm bore and the flexibility of the tip is controlled with a lever in the handpiece.

The operative field observed using a curved laryngoscope assisted with a flexible tip rigid endoscope.

a: A postcricoid tumor can be seen with a smooth surface and no ulcer.
b: The basal portion of this tumor is postcricoid (arrow).
c: This tumor extends to the right piriform sinus (arrow head).

The intraoperative findings: Endoscopic transoral surgery

a: First, we performed a circumferential mucosal resection.
b, c: Next, we separated the deep portion of the tumor with safety margin.
d: Finally, we could section the tumor en bloc with a negative surgical margin.

2 months after surgery

a: The epithelialization is good.
b: The right piriform sinus has not been affected with postoperative stenosis.
c: The same applies to the entry of the cervical esophagus.