Killian-Jamieson Diverticulum Masquerading as a Thyroid Mass

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A 50-year-old woman was referred to us for evaluation of a suspicious mass in her left thyroid gland. She presented with a lump sensation in the throat and mild oropharyngeal dysphagia for several months. Sonographic examination demonstrated a heterogeneous, hypoechoic mass with a partial surrounding “halo” involving the posterior aspect of the thyroid lobe (Picture 1). The lesion appeared to arise in continuity with the esophagus. Barium swallow pharyngoesophagography showed a barium-filled sac protruding from the left anterolateral wall of the cervical esophagus (Picture 2). It was diagnosed as a Killian-Jamieson diverticulum based on its anterior projection.

Killian-Jamieson diverticulum is a rare type of hypopharyngeal pulsion diverticulum resulting from herniation of mucosa and submucosa through an area of weakened muscularity caudal to that of the more common Zenker’s diverticulum (1). In the present case, prompt recognition of this entity prevented unnecessary fine-needle aspiration biopsy.

The authors state that they have no Conflict of Interest (COI).

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Reference


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