

INTRODUCTION

- Signet Ring Cell Adenocarcinoma (SRCC) is a rare histological subtype of esophageal adenocarcinoma (EAC).
- Pathologically, SRCC is a carcinoma that contains mucilage pushing the nucleus, to the periphery, which causes the phenotypical appearance of a Signet Ring Cell.
- Incidence of SRCC in the proximal esophageal segment is sparsely reported in the literature.
- Here, we describe a case of two independent skip lesions of signet ring cell histology, located in proximal esophageal segment of adenocarcinoma origin, presenting as worsening dysphagia.

CASE PRESENTATION

- A 65-year-old Caucasian male presented with 5-months of worsening dysphagia. His dysphagia had progressively gotten worse from liquids to solids
- Past medical history was significant for gastroesophageal reflux disease, polysubstance abuse
- Initial workup for dysphagia included computed tomography (CT) and esophagogastroduodenoscopy (EGD).
- CT demonstrated in Image 1.
- EGD appearance in Image 1B and 1c.
- Initial Imaging included; CT ABD-Pelvis. CT scan revealed showcased in Image 1a.

IMAGES / FIGURES

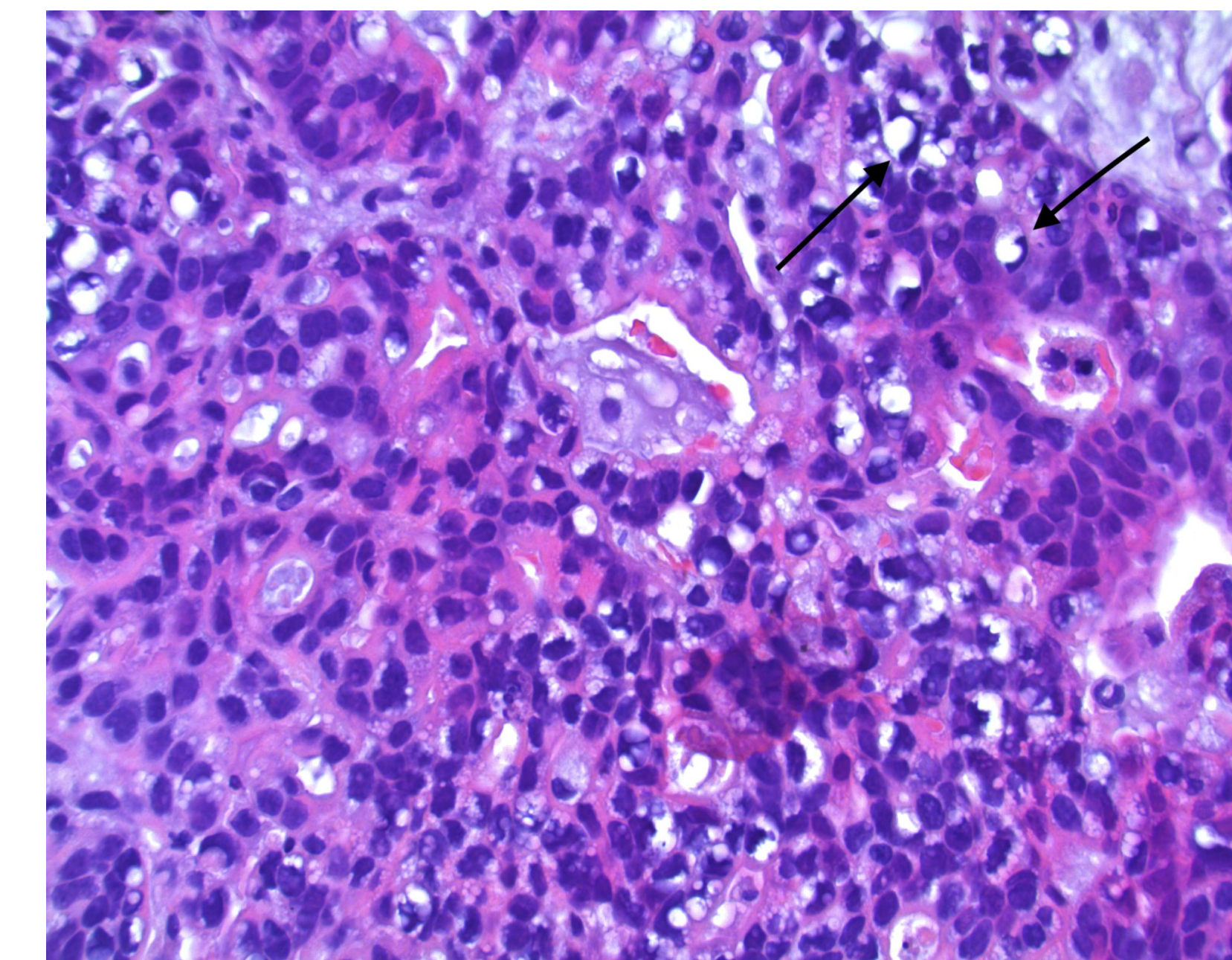
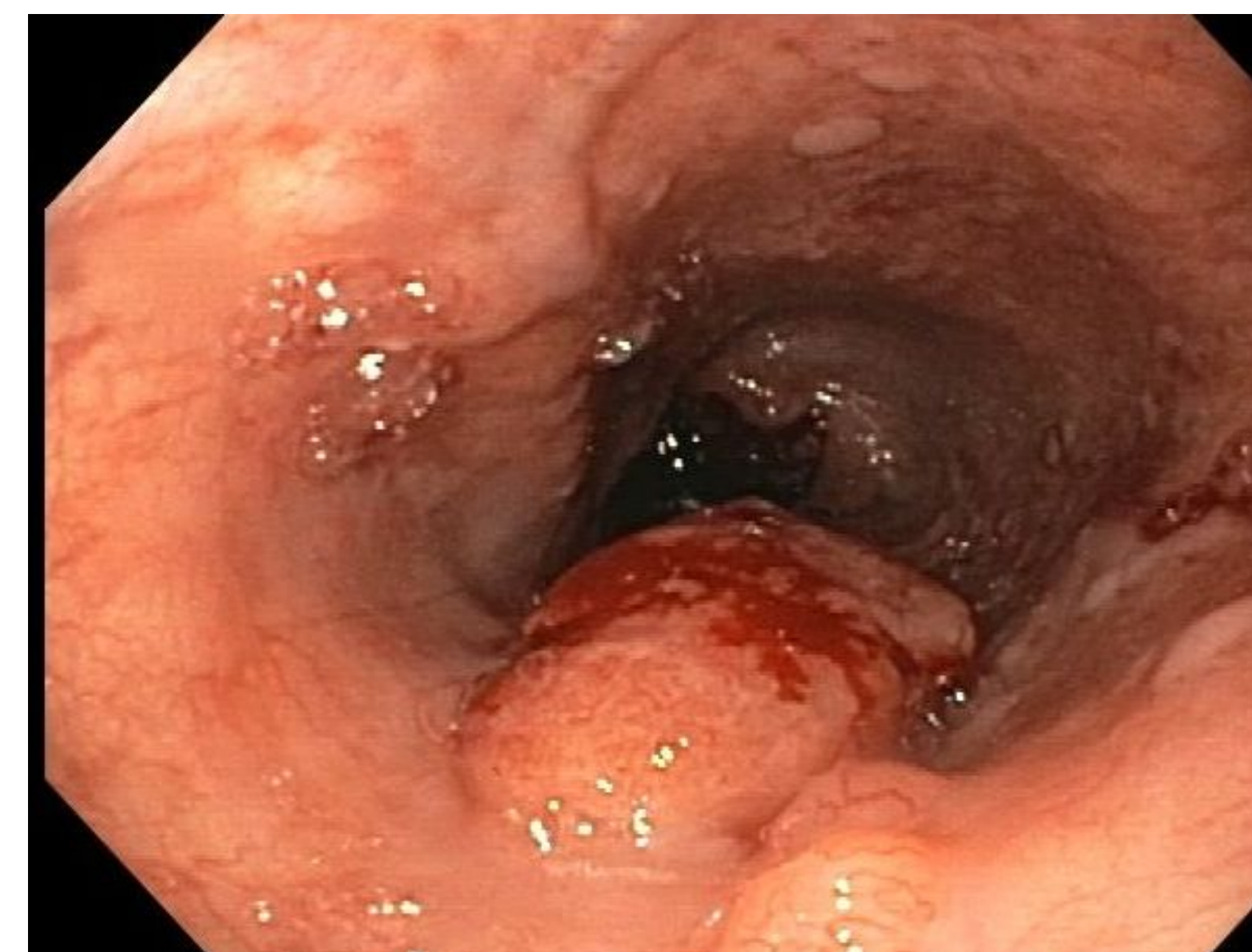
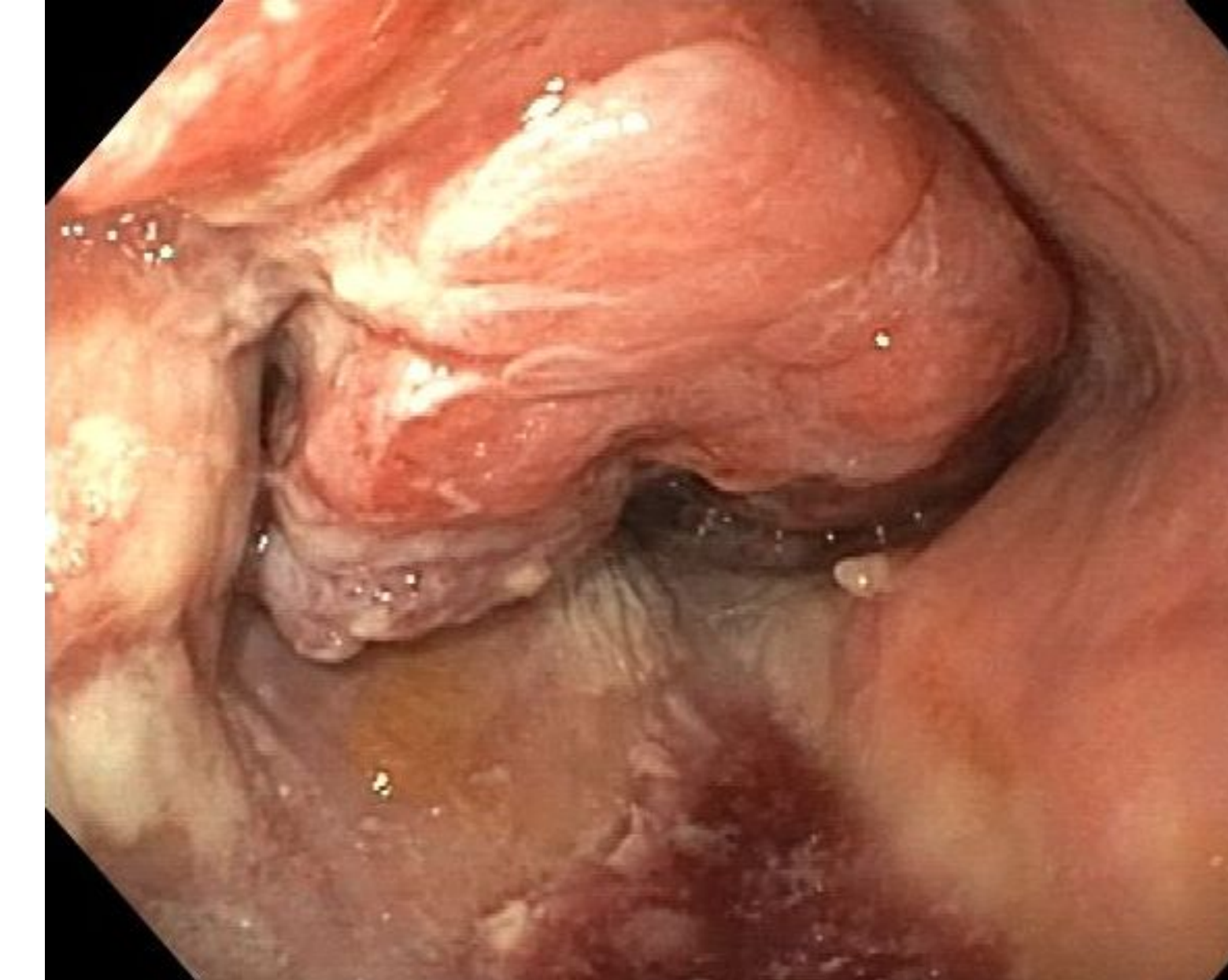


Image 1 (a-d):

A: CT demonstrated nodular wall thickening of the distal esophagus extending into the proximal stomach, innumerable hypodense lesions of the liver, and multiple enlarged lymph nodes

B: esophageal mass in the proximal segment approximately 25 to 28cm from the oropharynx.

C: distal skip lesion noted to be ulcerated and fungating which was extending to the gastroesophageal junction (GEJ)

D: Pathology demonstrating signet ring cells (black arrow).

DISCUSSION

- Signet ring cell adenocarcinoma is a rare histological subtype of adenocarcinoma that confers a poor prognosis
- Typically, signet ring cells originate in the colon and bladder. SRCC makes up less than 3% of all cases of esophageal cancers and is commonly found at distant disease stages with poor differentiation.
- Uniquely, this case offers an atypical presentation of two separate skip lesions from a rare manifestation of adenocarcinoma in the proximal segment of the esophagus
- To the best of our knowledge, the current literature demonstrates limited cases of signet ring cells in the esophagus presenting as two independent lesions.

References

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