Endoscopic removal of a 35-mm fish bone totally embedded in the gastric wall

A 61-year-old woman with no relevant medical history attended the emergency department with a 3-day history of epigastric pain and fever, and reports of fish bone ingestion 6 days earlier. No signs of peritoneal irritation were found during abdominal examination. The patient underwent an abdominal computed tomography scan, which revealed a gastric wall thickening with a radiodense linear foreign body embedded in the wall, associated with mesenteric stranding but no free air. Upper endoscopy was performed and showed a 12-mm subepithelial bulge covered with congested mucosa in the gastric antrum (Fig. 1). Using a biopsy forceps, multiple biopsies were taken from the overlying mucosa, exposing the tip of the foreign body (Fig. 2).

Subsequently, a 35-mm fish bone was safely removed from the gastric wall using an alligator forceps (Fig. 3, Fig. 4). Finally, a through-the-scope clip was placed to close the mucosal injury. The patient was discharged with no further symptoms after 7 days of intravenous antibiotic treatment.

Endoscopic removal of a 35-mm fish bone that was totally embedded in the gastric wall.

Competing interests: None

José Rodrigues, Pedro Barreiro, Liliana Carvalho, Maria Ana Túlio, Cristina Chagas
Serviço de Gastrenterologia, Centro Hospitalar de Lisboa Ocidental, Lisboa, Portugal

References
1 Shan GD, Chen ZP, Xu YS et al. Gastric foreign body granuloma caused by an embedded fishbone: a case report. World J Gastroenterol 2014; 20: 3388 – 3390
2 Kim SW, Kim SW, Song SK. Gastric pseudotumoral lesion caused by a fish bone mimicking a gastric submucosal tumor. J Gastric Cancer 2014; 14: 204 – 206

Video 1
Endoscopic removal of a 35-mm fish bone that was totally embedded in the gastric wall.

Bibliography
DOI http://dx.doi.org/10.1055/s-0042-104653
Endoscopy 2016; 48: E131–E132
© Georg Thieme Verlag KG Stuttgart · New York
ISSN 0013-726X

Corresponding author
José Rodrigues, MD
Serviço de Gastrenterologia Centro Hospitalar de Lisboa Ocidental – Hospital de Egas Moniz Rua da Junqueira 126 1349-019, Lisboa Portugal
Fax: +351-21-0432430
jp.azevedo.rodrigues@gmail.com