Esophageal fishbone impaction as a result of ingestion of “trapoen” (Surinamese dried fish)

A 47-year-old man from Surinam came to the emergency room because of a progressive burning chest pain. The pain had arisen acutely 2 days previously during dinner, increasing over time and restricting his oral intake because eating aggravated the pain.

The patient had a medical history of chronic alcoholic pancreatitis and type 2 diabetes mellitus. Physical examination revealed an ill and confused man with fever and tachycardia. The results of laboratory tests showed elevated infection parameters, with nor- mal hemoglobin, amylase, and bilirubin levels. A computed tomography (CT) scan of the chest was performed, revealing a surprising discovery: a foreign body in the esophagus with the density and shape of a fish bone (Fig. 1).

Endoscopy with the patient under conscious sedation revealed a large fish bone that was bilaterally stuck in the proximal esophagus (Fig. 2). A two-channel therapeutic endoscope was used, and a 15-mm CRE balloon catheter (Boston Scientific, Marlborough, Massachusetts, USA) was inserted in the first channel. The balloon was inflated distal to the fish bone, which released the bone on one side, this being accompanied by a discharge of pus. A grasping forceps (FG-44NR-1; Olympus, Zoeterwoude, The Netherlands) was inserted via the second channel to retrieve the bone, which was only mildly damaged, it was not necessary to perform an esophagogram. The patient was subsequently treated with intravenous amoxicillin/clavulanic acid for 1 week and intravenous cefuroxime for an additional week.

The swallowing of fish bones and the injuries that occur as a consequence of this are not uncommon in Asian countries, where the consumption of fish that have more and/or smaller bones is enjoyed [3,4]. Though these types of fish are not frequently consumed by Europeans, many European countries have Asian diaspora and Asian foods available. Dried “trapoen” is a popular dish in the Surinamese community. Because the fish is dried, it has to be cooked whole. It is eaten by using the teeth to remove the flesh from the bone. This, combined with the loose bones present in the dish, frequently results in fish bones being swallowed.

Endoscopy_UCTN_Code_CCL_1AB_2AF

Competing interests: None

Mandhkani Mahajan1, V. Manon C. W. Spaander2, J. Jan B. van Lanschot1

1 Department of Surgery, Erasmus Medical Center, Rotterdam, Netherlands
2 Department of Gastroenterology, Erasmus Medical Center, Rotterdam, Netherlands

References


Bibliography

DOI http://dx.doi.org/10.1055/s-0035-1569660
Endoscopy 2016; 48: E3
© Georg Thieme Verlag KG Stuttgart - New York
ISSN 0013-726X

Corresponding author
Mandhkani Mahajan, MD
Department of Surgery
Erasmus Medical Center
’s-Gravendijkwal 230
3015 CE Rotterdam
Netherlands
mahajanmch@gmail.com