

CLINICAL IMAGE

Case of gastric anisakiasis with no symptoms

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Email: asunaro.clinic.takasaki@gmail.com**Abstract**

We present a unique image from a case of anisakiasis that was detected incidentally in an elderly man during surveillance esophagogastroduodenoscopy. Given the popularity of sushi and sashimi throughout the world, we believe that our observations will raise awareness about the risk of Anisakis contamination in seafood.

KEYWORDS

anisakiasis, no abdominal pain, surveillance esophagogastroduodenoscopy, the popularity of sushi and sashimi

Anisakiasis, a gastrointestinal tract infection associated with acute severe abdominal pain, is caused by consuming raw or undercooked seafood containing *Anisakis simplex* larvae.¹ Symptoms generally appear within a few hours. We present an incidentally detected case of anisakiasis in a healthy 82-year-old man with no characteristic symptoms during surveillance esophagogastroduodenoscopy (EGD) for chronic atrophic gastritis. EGD revealed a mobile nematode (Figure 1A)

burrowing through the mucosal layer of the gastric antrum. No surrounding edema or erythema was observed. The nematode was removed using biopsy forceps (Figure 1B) and histologically confirmed as *Anisakis simplex*. The patient revealed that he had consumed sashimi (raw young yellowtail) purchased at a supermarket 2 days earlier. *Anisakis* larvae typically die within 7 days. This report aims to raise awareness about the existence of *Anisakis* in fish beyond Japan.

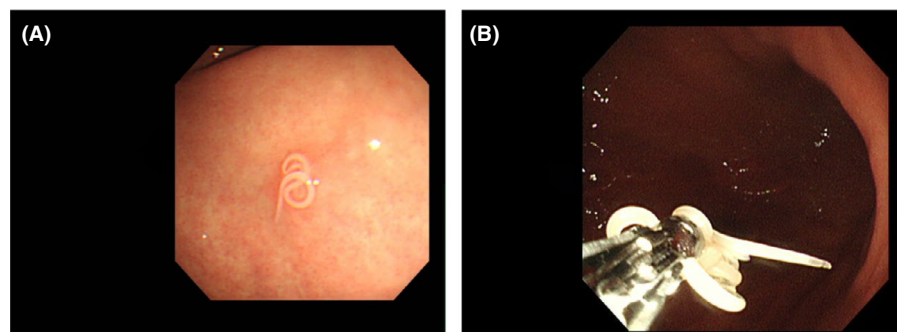


FIGURE 1 A, Esophagogastroduodenoscopy revealing a mobile nematode. B, Esophagogastroduodenoscopy showing *Anisakis* larvae removed by biopsy forceps

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CONFLICT OF INTEREST

None.

AUTHOR CONTRIBUTIONS

TY: served as a diagnostician and first author. SO: served as a supervisory doctor.

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