

An Unusual Duodenal Visitor

Meng-Shu Hsieh¹, Fang-Jung Yu^{1,2}, Wen-Hung Hsu^{1,2} and Chien-Yu Lu^{1,2*}

¹Division of Gastroenterology, Department of Internal Medicine, Kaohsiung Medical University Hospital, Kaohsiung Medical University, Kaohsiung 807, Taiwan

²Department of Internal Medicine, Faculty of Medicine, College of Medicine, Kaohsiung Medical University, Kaohsiung 807, Taiwan

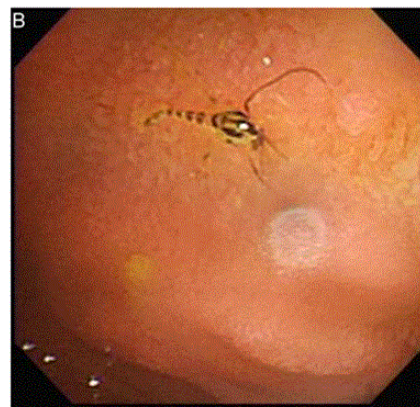
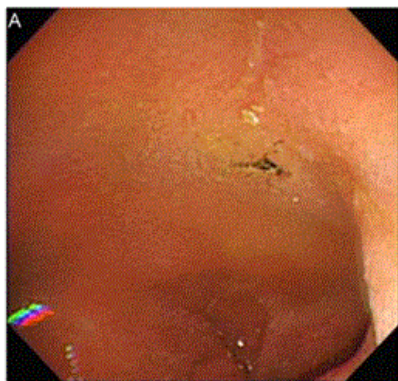
*Corresponding author: Chien-Yu Lu, M.D., Division of Gastroenterology, Department of Internal Medicine, Kaohsiung Medical University Hospital, No. 100, Tz-You 1st Road, Kaohsiung 807, Taiwan, Tel: 886-7-3121101; Fax: 886-7-3135612; E-mail: dr820188@yahoo.com.tw

Rec date: Feb 22, 2016; Acc date: Feb 24, 2016; Pub date: Feb 26, 2016

Copyright: © 2016 Hsieh MS, et al. This is an open-access article distributed under the terms of the Creative Commons Attribution License, which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited.

Clinical Image

A 55-year-old male patient had peptic ulcer history with regular follow-up. This time, an upper endoscopy was performed due to abdominal discomfort. Interestingly, an insect was found in the duodenal bulb (Figure 1), and on close-up view, it was consistent with the structure of a mosquito (Figure 2). After the literature review, it was found that few cases of finding insects in the gastrointestinal (GI) tract have been described. Cockroaches [1], ants [2,3] and bees [4] have been reported; however, our case is the first reporting any insect in the duodenum and the first reporting a mosquito in the GI tract. The patient lived by a fish farm with a humid environment for mosquitoes to breed and most likely swallowed the mosquito unintentionally. Mosquitoes are more fragile than other reported insects and easily damaged in the swallowing process. Consequently, it is rare to see a complete mosquito within the GI tract.



References

1. Payen JL, Hervieu C, Couret B, Pascal JP (2000) Images in focus. A strange resident in the colon. *Endoscopy* 32: S51.
2. Boardman CR, Sonnenberg A (2009) Upping the "ant-e" on endoscopic ant sightings. *Gastrointest Endosc* 70: 1245-1246.
3. Shaoul R, Rainis T (2008) The new meaning of "ant-acid". *Gastrointest Endosc* 67: 748.
4. Girardi A (1990) The bee: an unusual gastric foreign body. *Endoscopy* 22: 240.