An 84-year-old woman presented with dyspnea due to an exacerbation of chronic heart failure caused by severe anemia (hemoglobin 4.4 g/dL). Colonoscopy revealed a cloud of white worms moving among tarry stool in the cecum and ascending colon. The posterior portions of the worms were located in the colon lumen, while the anterior portions were firmly embedded in colon mucosa (Fig. 1). One of the parasites was removed with biopsy forceps and identified as a whipworm (*Trichuris trichiura*). Esophagogastroduodenoscopy (EGD) showed significant infection with thread-like worms, which were clinging to the duodenal mucosa and sucking blood, causing mild erosion (Fig. 2, Video 1). The intestinal and reproductive organs of the parasite were observed on magnified endoscopy (Fig. 3). While observing these worms, a larger worm with a creamy white color was seen moving freely through the lumen (Video 1). Both of these worms were retrieved using biopsy forceps; the smaller organism was found to be a hookworm (*Necator americanus*) and the larger one was a roundworm (*Ascaris lumbricoides*). Capsule endoscopy (Pillcam SB capsule; Given Imaging, Yoqneam, Israel) revealed both hookworm and roundworm infection in the small intestine. The hookworms were observed withdrawing blood from intestinal mucosa (Fig. 4, Video 2).

Whipworms, hookworms, and roundworms are soil-transmitted helminths that present a major disease burden globally, but particularly in regions of poor sanitation. In this case, the entire gastrointestinal tract was examined, revealing that hookworms and roundworms infested the upper part of the small intestine, whereas whipworms lived in the large intestine. The patient was treated with a 3-day course of mebendazole. The eradication of parasites was confirmed on EGD and colonoscopy 2 weeks after completing pharmacotherapy. No eggs were found in a sub-

**Video 1**

Hookworms (*Necator americanus*) and a roundworm (*Ascaris lumbricoides*) on endoscopy. Several hookworms were seen clinging to the duodenal mucosa, while a roundworm moved freely through the lumen. Examples of both worms were retrieved using biopsy forceps.

**Video 2**

Hookworms (*Necator americanus*) and a roundworm (*Ascaris lumbricoides*) were revealed on capsule endoscopy. The video clip was reconstructed from sequential images. In the small intestine, a roundworm and large numbers of hookworms were also evident. Mucosal bleeding was seen at the point where the hookworms were attached.
sequent stool sample, and the patient had recovered from her anemia 1 month later.

Competing interests: None

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