The patient was an 81-year-old woman who came to our emergency department due to pain in the hypogastrium and right iliac fossa developing over the previous 10 days, associated with low-grade fever and leukocytosis. During exploration, the abdomen was painful upon palpation, with localized guarding in the right iliac fossa and a palpable mass effect. Abdominal radiograph showed an oval image of calcifications in this area (Fig. 1) and abdominal CT showed an appendix with marked distension occupied by hypodense material with peripheral calcification (Fig. 2). With the initial diagnosis of appendiceal mucinous neoplasm, surgical intervention was indicated and a right hemicolectomy was performed (Fig. 3).

Final diagnosis: appendiceal mucinous neoplasm.

Conflicts of Interest

The authors have no conflicts of interest to declare.

Please cite this article as: Estalella L, Vila M, Sánchez-Pradell C, Parés D. Neoplasia mucinosa apendicular. Cir Esp. 2014;92:e41.