

Intestinal intussusception due to ileal gastrointestinal stromal tumor - a case report

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Abstract

Intestinal occlusion due to intussusception produced by intestinal tumors is a very rare condition. Gastrointestinal stromal tumors are also rare digestive neoplasias, with an unpredictable malignant behavior, which are usually growing outside the intestinal wall, being rarely the initiators of an intestinal intussusception. We present the case of a 59 years old female, admitted in our hospital to elucidate the etiology of her iron deficient anaemia, which developed an intestinal occlusion at the intestinal preparation for colonoscopy. The abdominal CT scan performed in emergency conditions highlighted occlusive intestinal tumor complicated with intestinal intussusception. We performed an emergency laparotomy that revealed intestinal occlusion due to ileo-ileal intussusception produced by an ileal tumor. The surgical intervention consisted in segmental ileal enterectomy including the tumor with latero-lateral entero-enteral anastomosis. The patient recovered without complications. The histopathological and immunohisto-chemical examinations established the diagnose of gastrointestinal stromal tumor with high risk malignant behavior, therefore the patient was guided in the oncological department for specific treatment and oncological surveillance.

Key words: intestinal occlusion, ileal intussusception, gastrointestinal stromal tumor

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