Intestinal Neuronal Dysplasia in a Patient With Chronic Colonic Pseudo-Obstruction

Displasia neuronal intestinal en paciente con pseudoobstrucción colónica crónica

Maria Clara López Sanclemente, Jordi Castellvi, Luis Ortiz de Zárate, Pedro Barrios

Consorci Sanitari Integral, Hospital Sant Joan Despi, Moises Broggi, Spain

Intestinal pseudo-obstruction is related with enteric nervous system disorders. Intestinal neuronal dysplasia is an aganglionosis and is different from Hirschprung's disease as it is a hyperplasia of the submucosal and myenteric plexuses, with ganglion hypertrophy. We present the case of a 47-year-old patient, with symptoms of progressive respiratory failure and severe abdominal distension due to massive megacolon and diaphragm compression (Fig. 1). After a failed colonoscopy, a laparotomy and a decompression colostomy were performed. Two months later, a subtotal colectomy with ileorectal anastomosis was done (Fig. 2), and the patient's evolution was favorable. The pathology study diagnosed intestinal neuronal dysplasia.

Please cite this article as: López Sanclemente MC, Castellvi J, Ortiz de Zárate L, Barrios P. Displasia neuronal intestinal en paciente con pseudoobstrucción colónica crónica. Cir Esp. 2014;92:e59.

* Corresponding author.
E-mail address: maclaire@yahoo.com (M.C. López Sanclemente).