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January 2019.

5-Year-Old-Boy

“Referred to us with bowel
obstruction”

Past medical history

Abdominal distention with bilious emesis in the newborn period

1. **Laparotomy with ileostomy**: descending colon with ischemic areas and transition zone in the sigmoid rectum (suspicious for Hirschsprung's disease). (June 2013)
2. **Ileostomy closure** (January 2015)
3. **Laparotomy** (abdominal distention): lysis of adhesions, anastomosis without leak, and **jejunal intestinal perforation**, which was repaired. (January 2015)
4. **Laparotomy**: plastic peritonitis ("frozen abdomen"), **resection of 100 cm of small intestine** due to intestinal fistulas. (February 2015)
5. **Laparotomy and placement of a drain** (bowel perforation) (February 2015)
6. **Jejunostomy** with distal closure in Hartmann's (March 2013)
7. **Jejunal-ileal anastomosis**. (March 2016)
8. **Rectal biopsy**: inadequate rectal biopsy for the diagnosis (May 2018)

At the time of hospital admission...

- He was 5 years old
- Moderate malnutrition with low height
 - weight 11.4 kg
 - height 91 cm

Abdominal X-ray (admission)



Fecal impaction on rectal examination

Rectal irrigation was indicated and a contrast enema was requested



Abdominal x-ray before contrast enema



Contrast enema



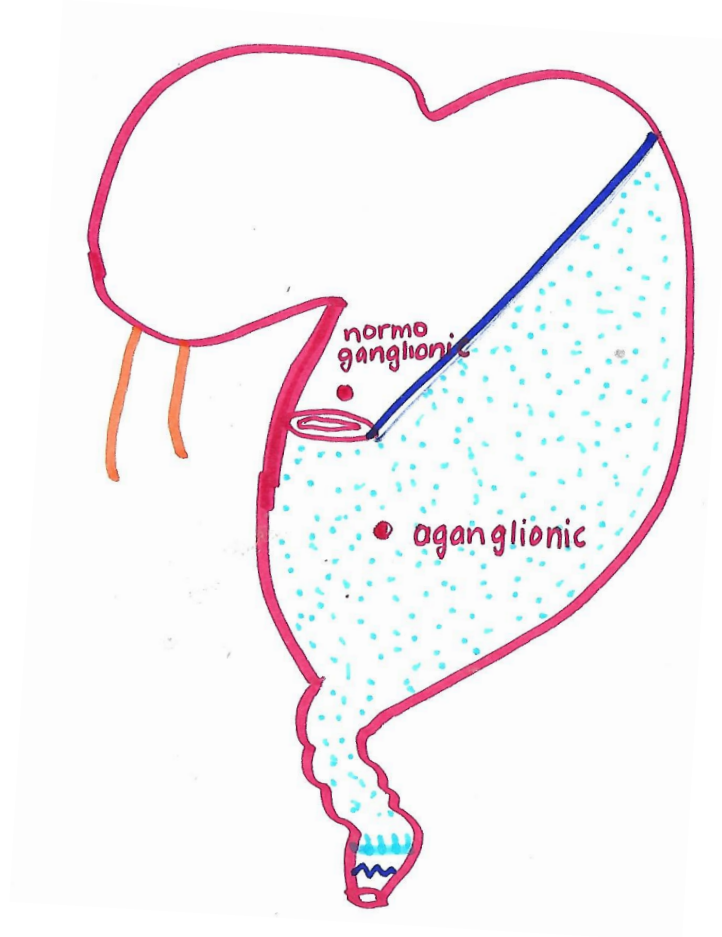
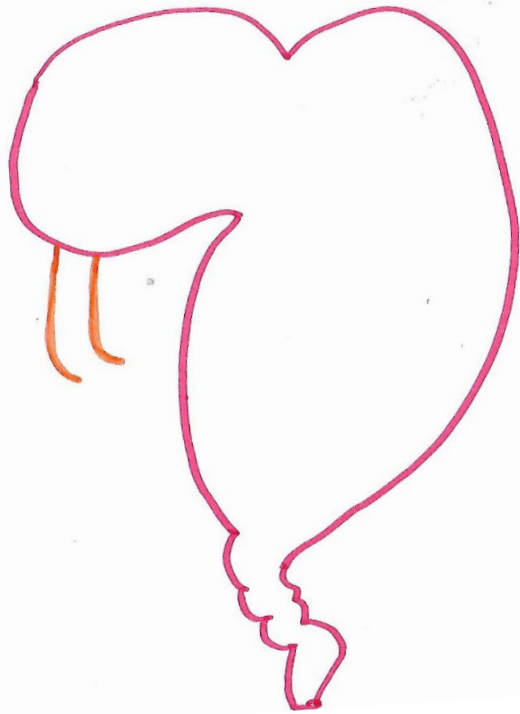
Rectal
biopsy and
insertion of
a rectal tube
for irrigation

Absence of ganglion cells and hypertrophy
of nerve trunks

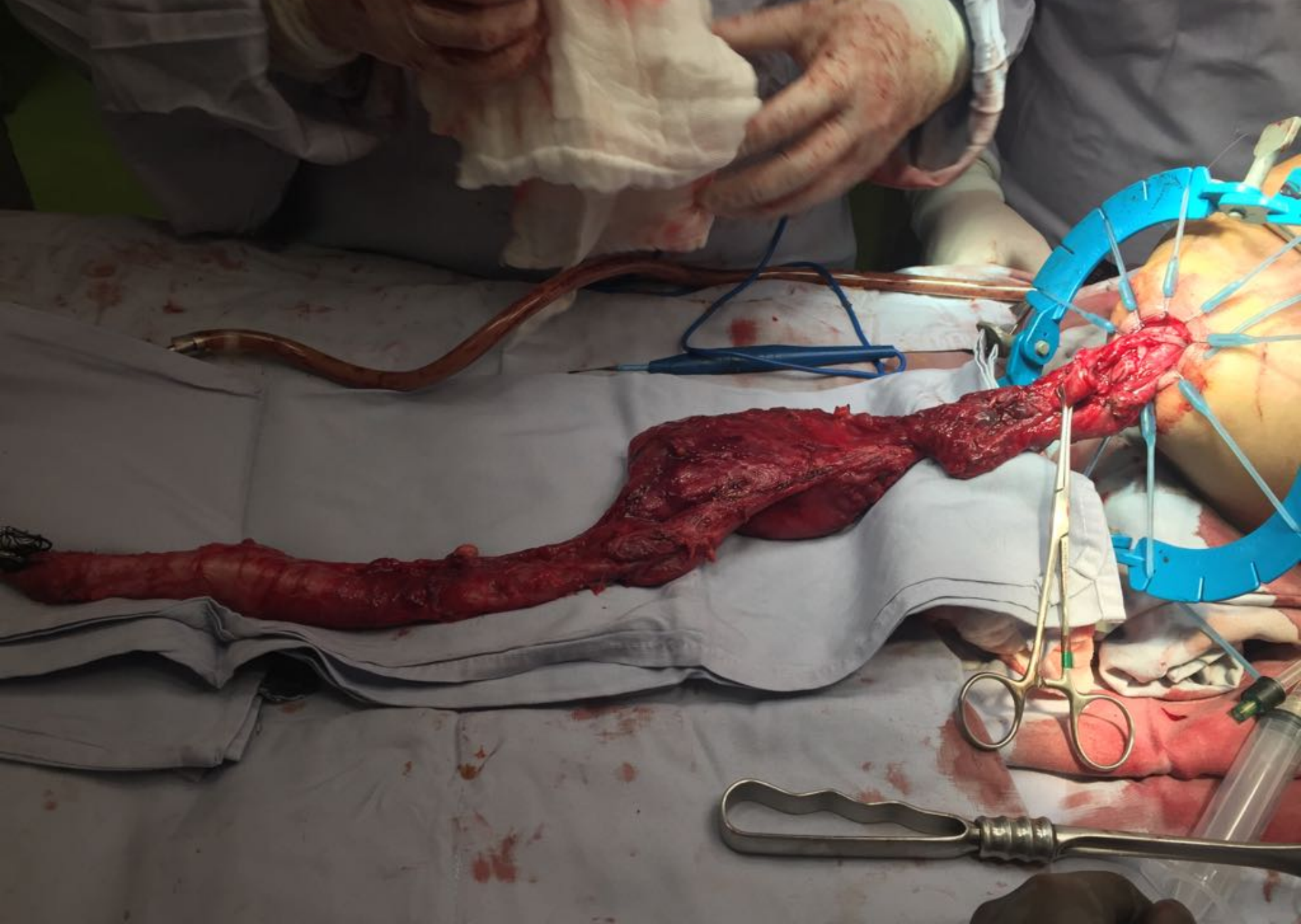
What surgical plan would you propose, considering the dilation of the colon and the prior history of massive intestinal resection?

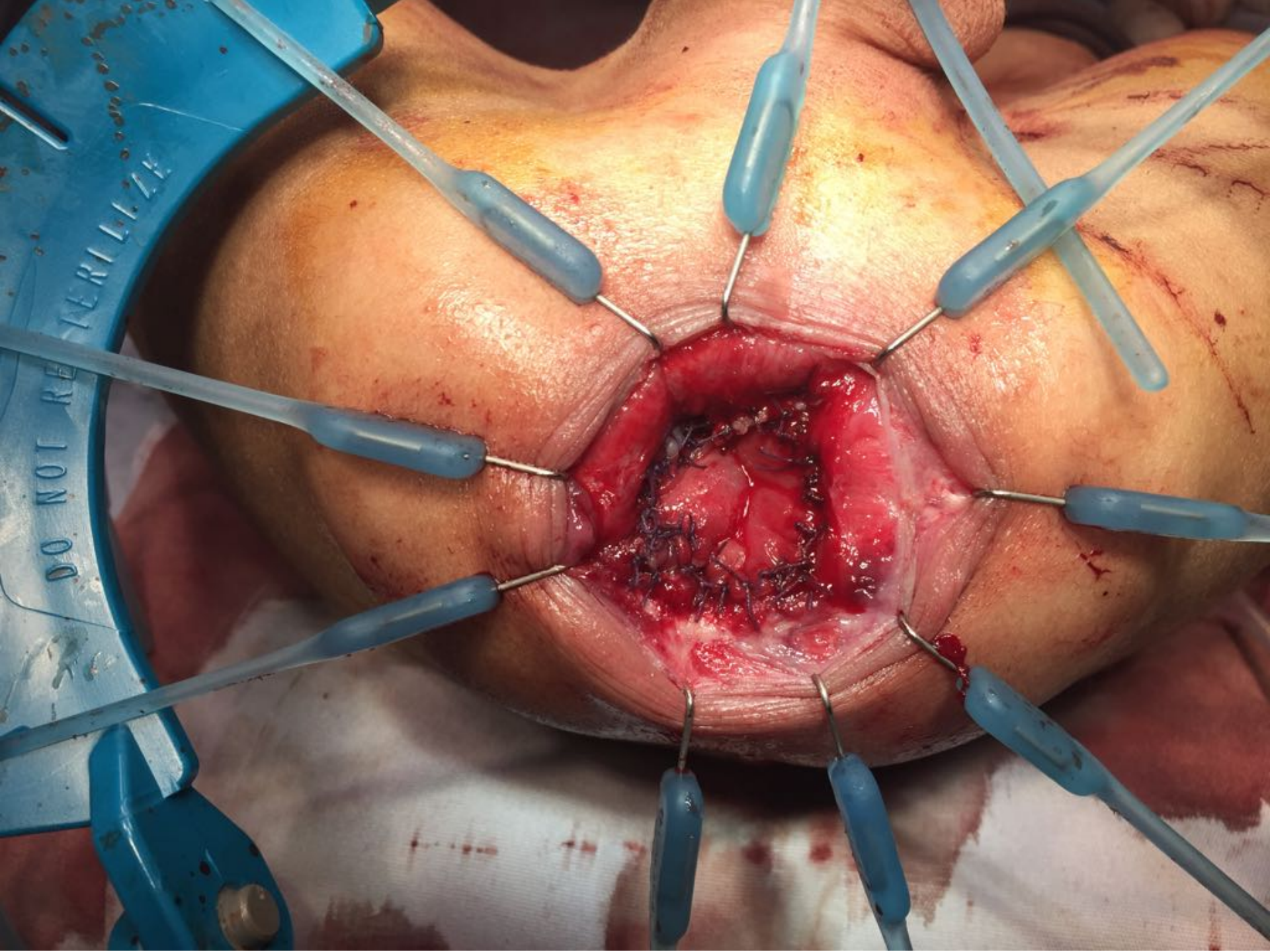
1. Ileostomy
2. Colostomy before the transition zone
3. Laparotomy with partial colectomy and pull through of the normoganglionic colon
4. Laparotomy with partial colectomy and pull through of the normoganglionic colon with tapering of the distal normoganglionic colon
5. I don't know

We performed a laparotomy with **partial colectomy** and **pull through** of the **normoganglionic colon with tapering of the distal normoganglionic colon**. We injected **botulinum toxin** in the preserved native distal rectum 26-06-2018









DO NOT RE-STERILIZE



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C:20426 A:27032
Zoom: 29%

Thank you

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