

COLORECTAL WEB MEETING

OCTOBER 27th, 2022

ITZEL LIZARRAGA MD
LUIS DE LA TORRE MD



Children's Hospital Colorado

INTERNATIONAL CENTER FOR
**COLORECTAL AND
UROGENITAL CARE**



Case

- 18-year-old boy
- CHARGE syndrome
- Neuromuscular disorder & congenital anomalies
- **Chronic constipation**

Background



- **1 month: G-tube and Nissen fundoplication**
- 8 years: constipation treated with Senna and Miralax
- 9-12 years: involuntary bowel movements everyday with Miralax and Senna, significant abdominal distension



Background

- 13-14 years: G tube fed, abdominal distension and bloating after feeds with increasing discomfort
- 15 years: ED visit due to respiratory distress due to abdominal pain and distension
- **Sigmoid volvulus reduction with colonoscopy**

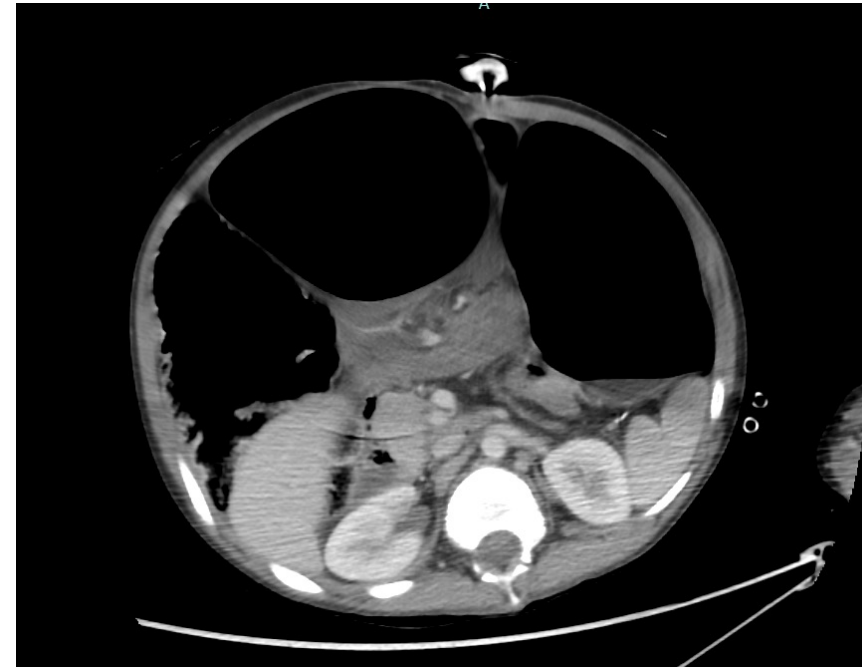
X-RAY



January 2018

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CT



January 2018

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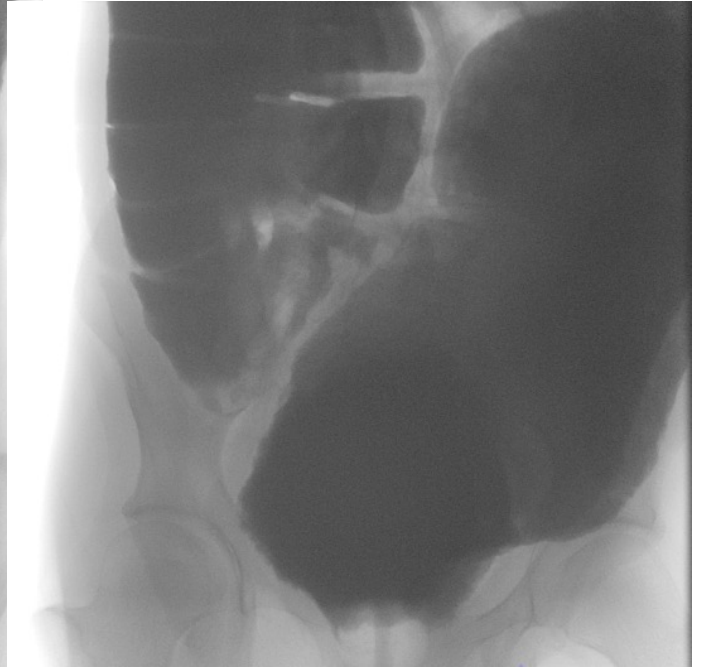
What would you do next?

- Bowel management with Senna
- Rectal enemas
- Sigmoidectomy



Background

- 16 years: postoperatively no abdominal distension; stooling daily with Miralax and fibers
- 17-18 years: worsening abdominal distension and abdominal pain; contrast enema was performed



August 2022

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What would your approach be?

1. Continue with Miralax and Senna
2. Conduct rectal enemas
3. Conduct exam under anesthesia and rectal biopsy



First consultation

- May 2022: First consultation at CC:
- PE: abdominal distension
- EUA: digital desimpaction massive stools, and transanal full biopsy :
Rectum, biopsy:
 - - Ganglion cells present in complete neural units
 - - Calretinin immunoreactive mucosal neurites



What would you do if the right colon length is not enough for the colorectal anastomosis?



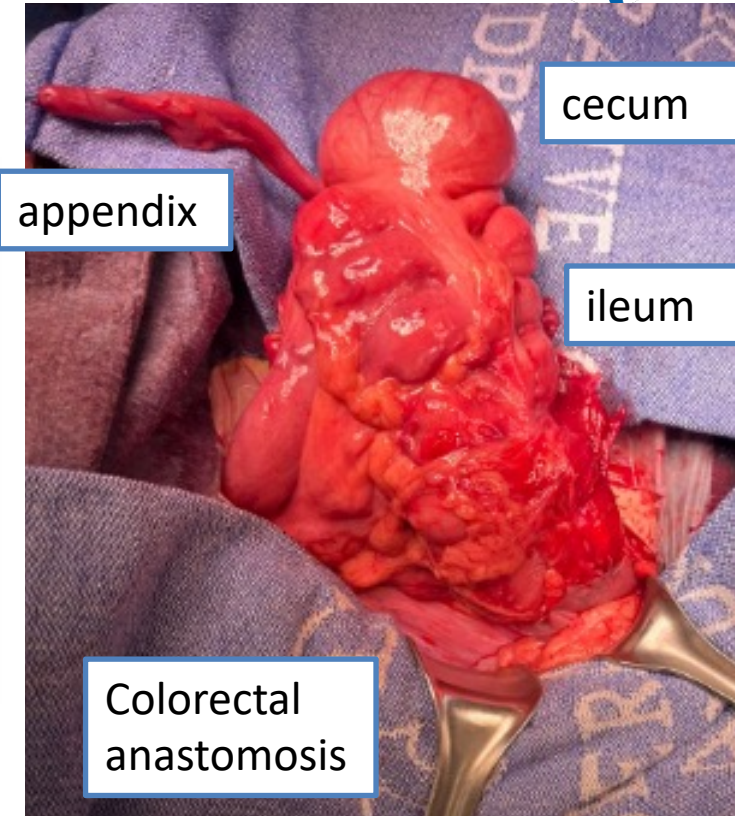
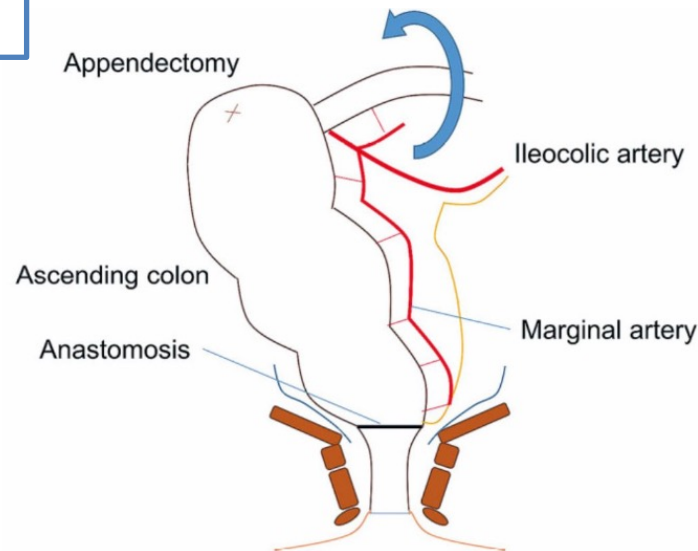
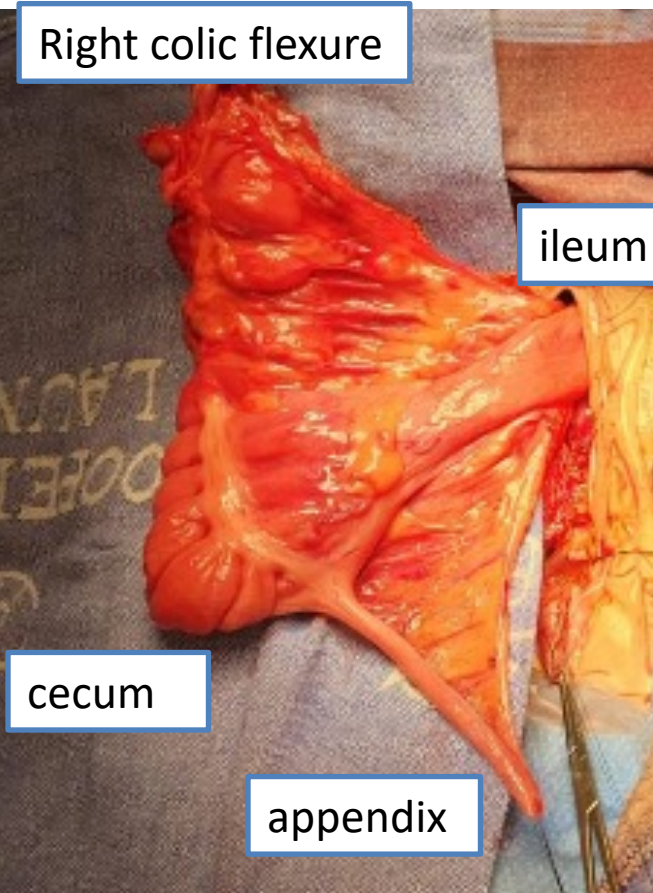
1. Ileostomy
2. Ileo-anal pull through
3. Deloyers procedure
4. Turnbull procedure

Surgery



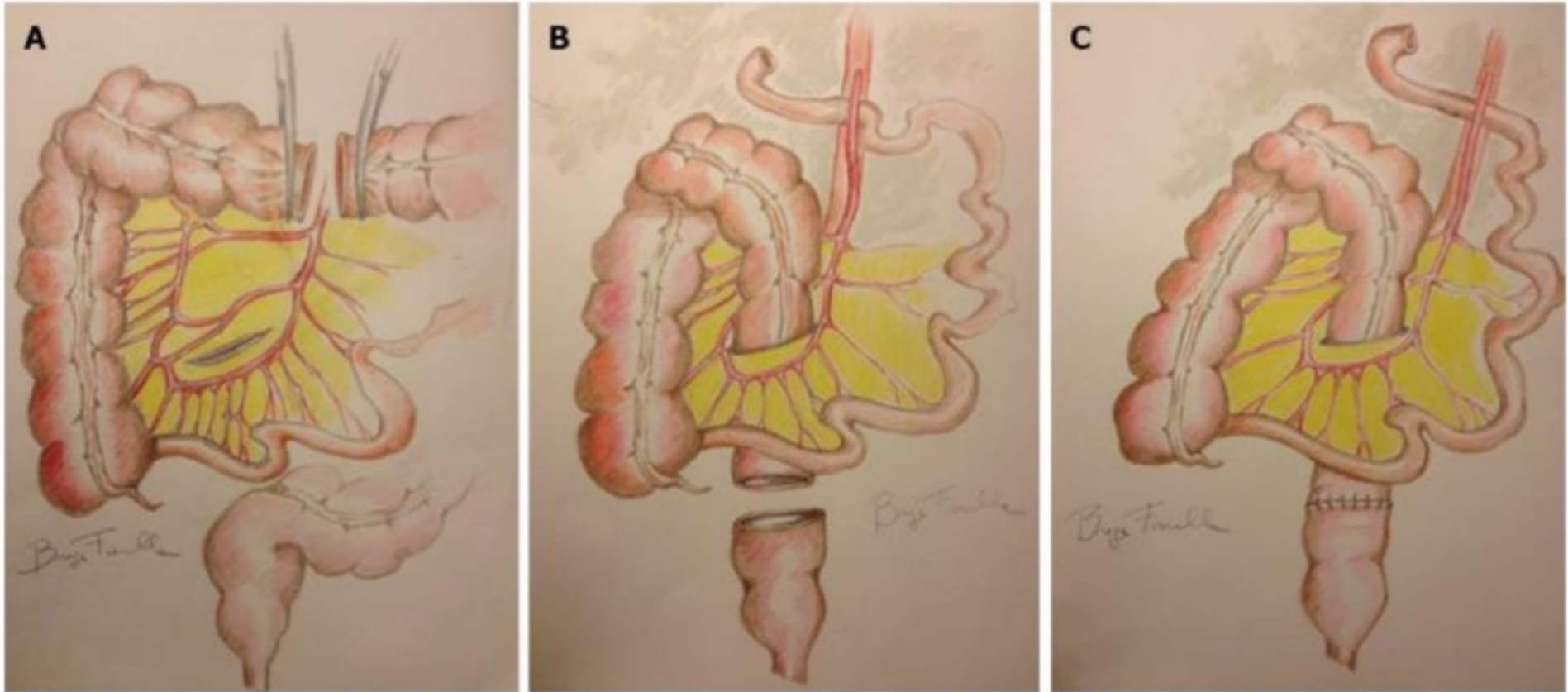
- 1. Exploratory laparotomy**
- 2. Near total colectomy**
- 3. Colorectal anastomosis (Deloyers)**
- 4. Creation of continent enterostomy**

Deloyers procedure

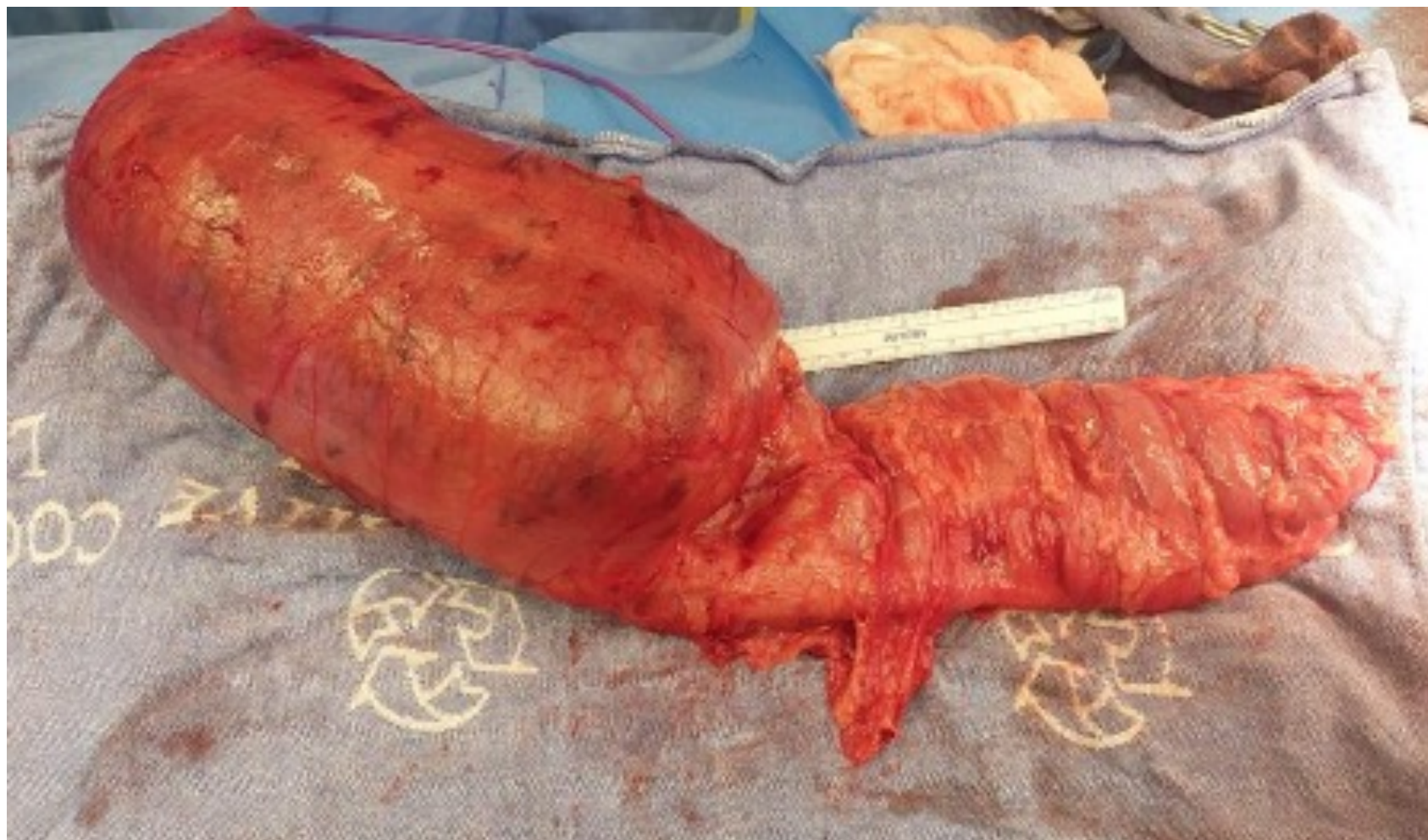


Okamoto, K., et al. Extended Left Colectomy with Coloanal Anastomosis by Indocyanine Green-guided Deloyers Procedure: A Case Report. *Journal of the anus, rectum and colon*, 2021,5(2), 202–206.

Turnbull procedure



Sileri P, et al Retroileal trans-mesenteric colorectal anastomosis. World J Surg
Proced 2013; 3(3): 25-28





Outcome

- Tolerating oral and G-tube feeds
- Stooling everyday after enema
- No discomfort or distension



Thank you

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