

Evolution in the Treatment of Hirschsprung Disease

Alberto Pena, MD

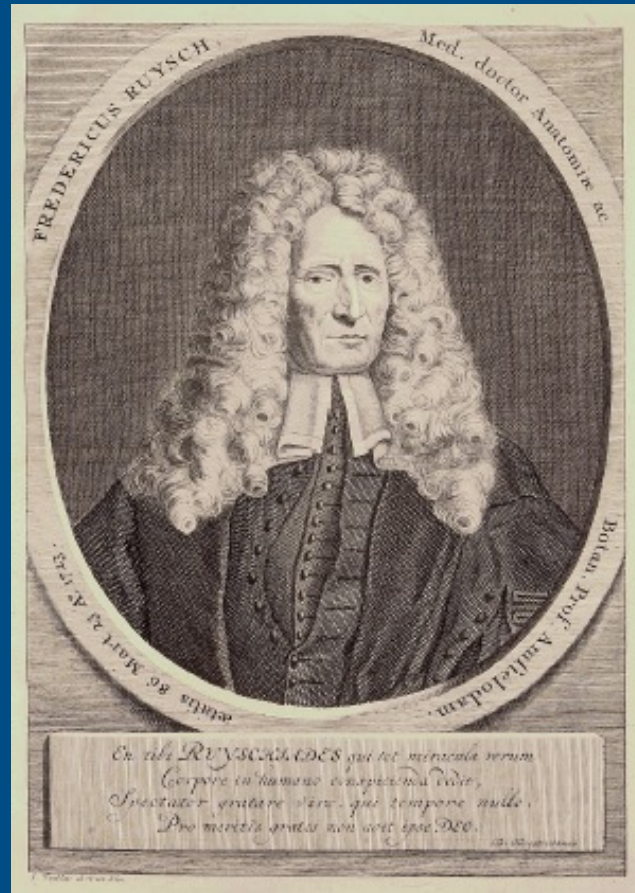
Hirschsprung Course, August 12th – 13th, 2021



Children's Hospital Colorado

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Frederik Ruysch 1691

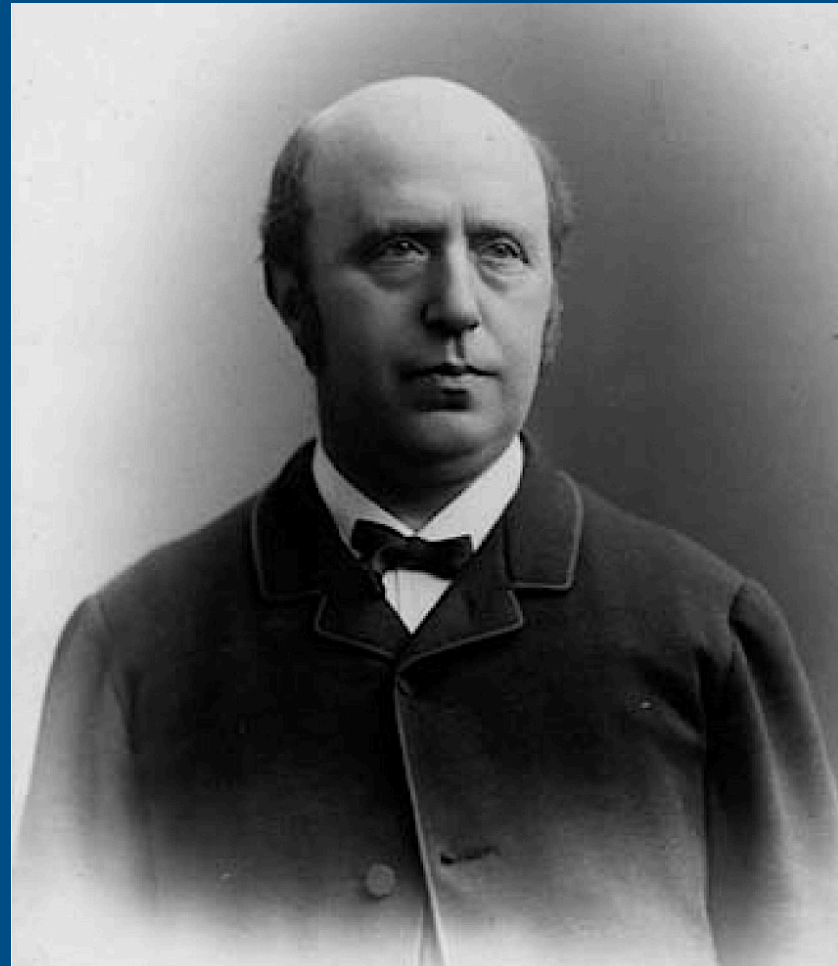




**Stuhlträgheit Neugeborener in Folge von Dilatation und
Hypertrophie des Colons.**

Casuistische Mittheilung von
Prof. HIRSCHSPRUNG, Kopenhagen
in der Gesellschaft für Kinderheilkunde Berlin 1886.

1886





Treves, 1898

- Suggested resection of the sigmoid and rectum

Title 1901



- First mention of the possibility of absent ganglion cells

Alberto Dalla Valle, 1920



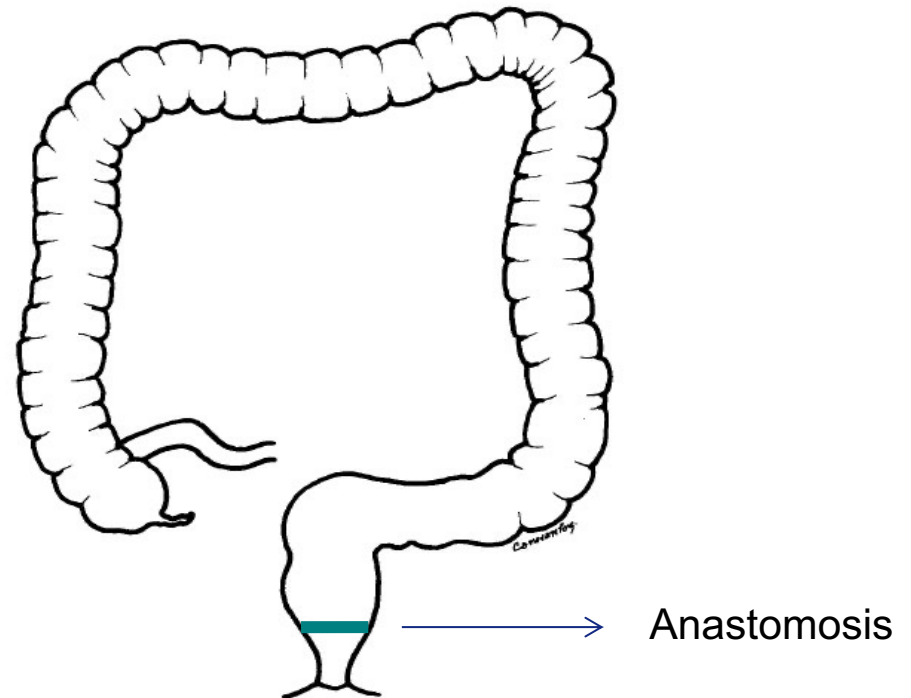
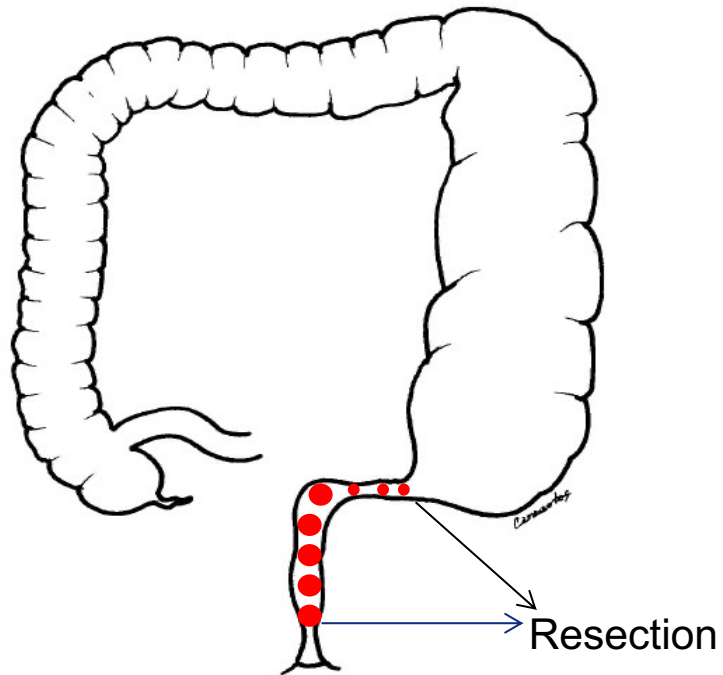
- Described the absence of ganglion cells in the distal colon



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1948

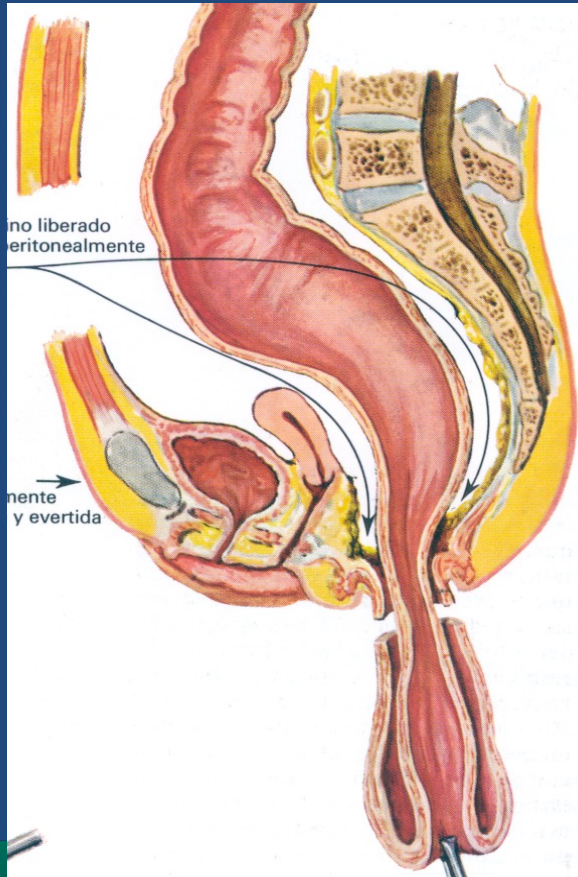
Hirschsprung surgical treatment



RESECTION OF RECTUM AND RECTOSIGMOID WITH PRESERVATION OF SPHINCTER FOR BENIGN SPASTIC LESIONS PRODUCING MEGACOLON

by
Orvar Swenson
from Chicago, USA

1948



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Hystopathology, 1948



Zuelzer, Wilson,
Whitehouse,
Kernohan

A NEW OPERATION FOR THE TREATMENT OF HIRSCHSPRUNG'S DISEASE*

BY

BERNARD DUHAMEL
From Paris

1956



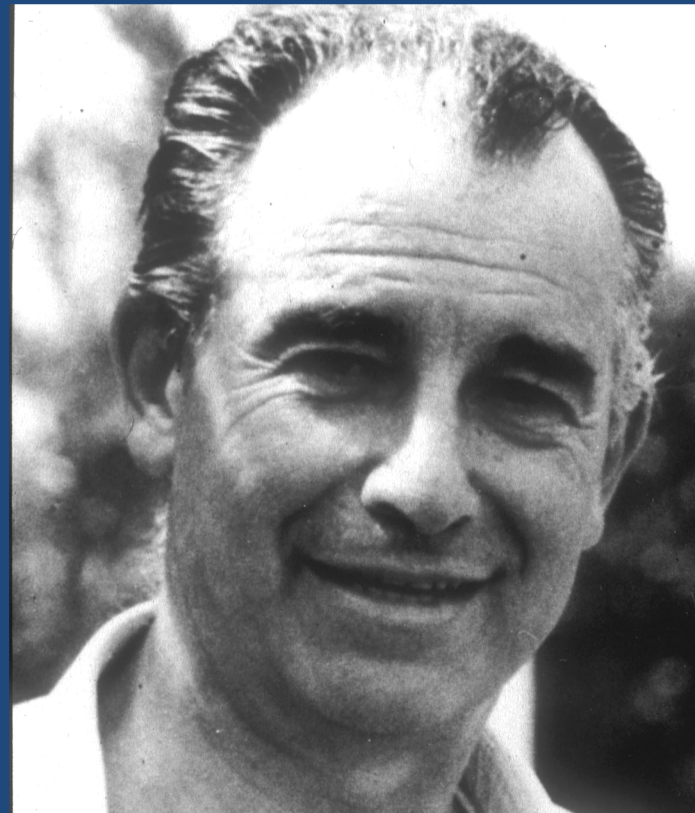
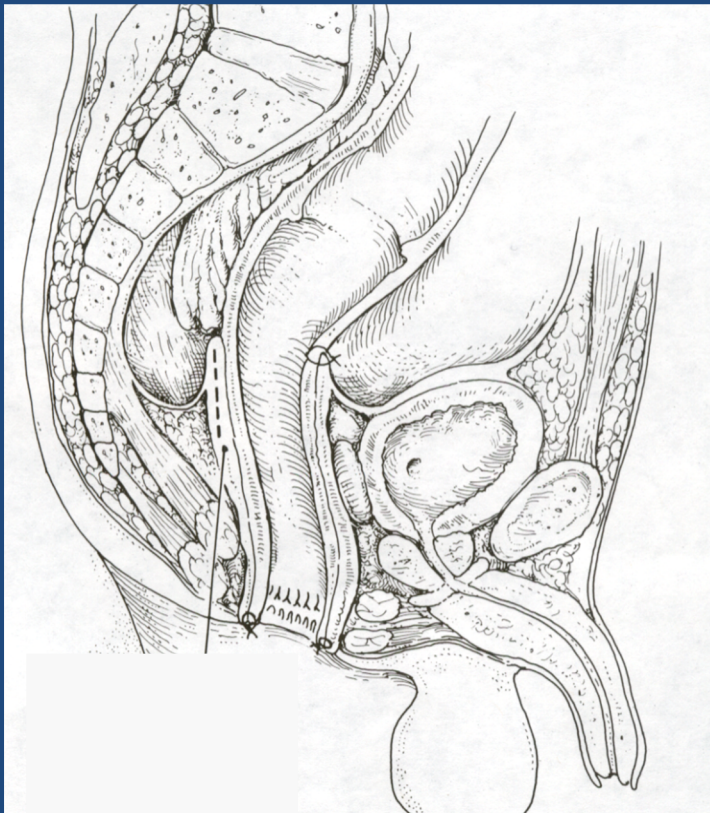
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HIRSCHSPRUNG'S DISEASE: A NEW SURGICAL TECHNIQUE*

F. SOAVE

1960

From the Department of Paediatric Surgery, Institute 'G. Gaslini', Genova, Italy



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Transanal Endorectal Pull-Through for Hirschsprung's Disease

By L. De la Torre-Mondragón and J.A. Ortega-Salgado
Mexico City, Mexico

1998





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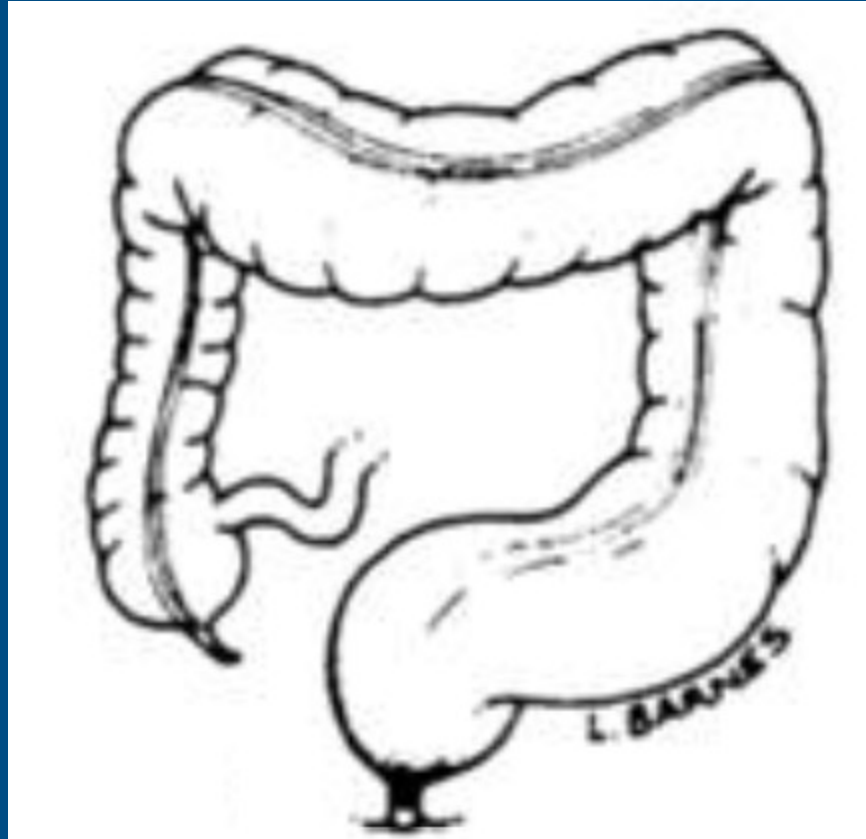
1999

Primary Laparoscopic-Assisted Endorectal Colon Pull-Through for Hirschsprung's Disease

A New Gold Standard

Keith E. Georgeson, MD,* Roger D. Cohen, MD,† Andre Hebra, MD,‡ Juda Z. Jona, MD,§ David M. Powell, MD,||
Steven S. Rothenberg, MD¶, and Edward P. Tagge, MD‡

Ultra-short Hirschsprung





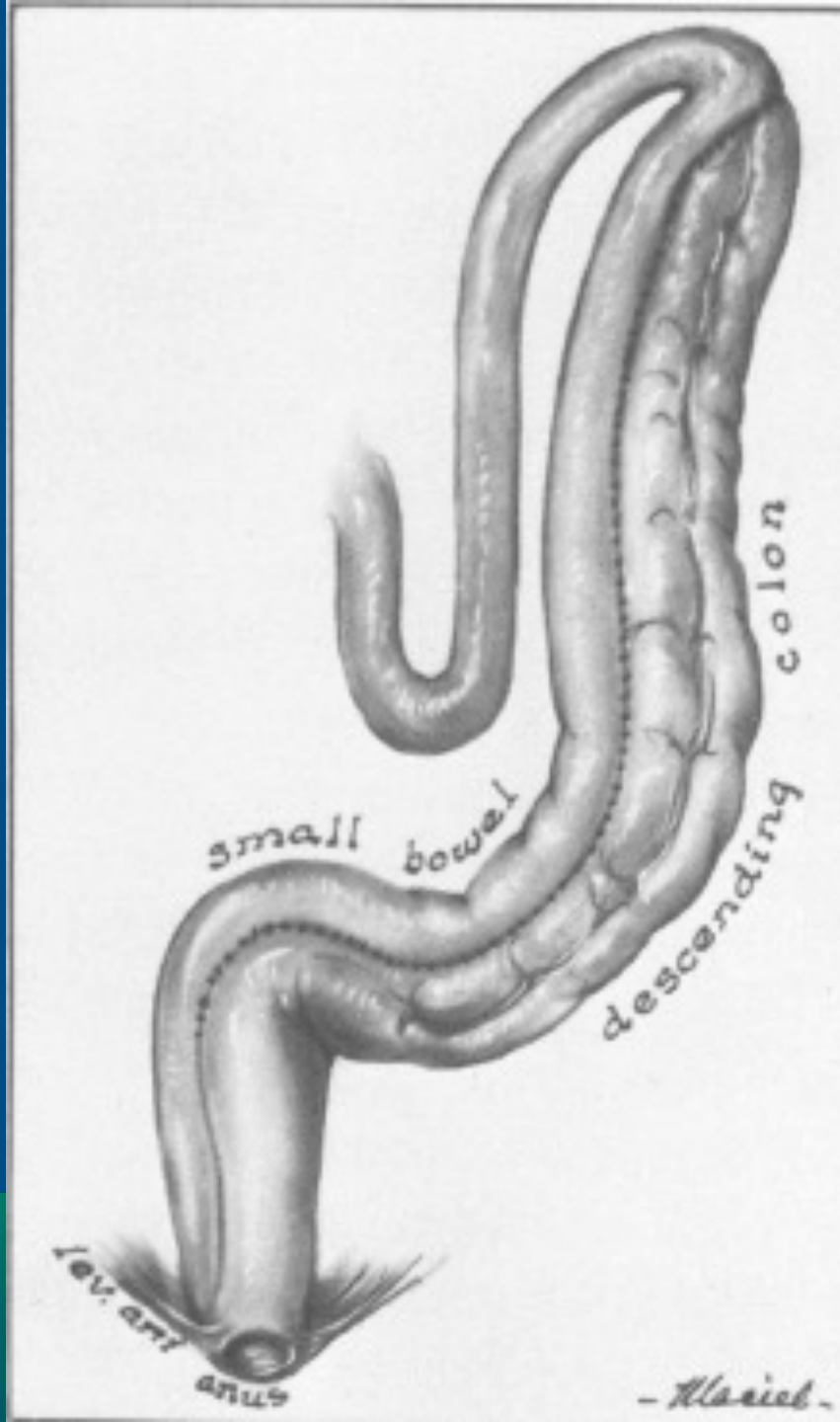
- Anterior anus
- Puborectalis achalasia
- Internal sphincter achalasia

Total Colonic Aganglionosis



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GENITAL CARE**

1972



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Thank you!