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Towards an understanding of defecation disorders: pathophysiology, epidemiology, and clinical implications

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DOI:
[10.33612/diss.556158163](https://doi.org/10.33612/diss.556158163)

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Document Version
Publisher's PDF, also known as Version of record

Publication date:
2023

[Link to publication in University of Groningen/UMCG research database](#)

Citation for published version (APA):

Sun, G. (2023). *Towards an understanding of defecation disorders: pathophysiology, epidemiology, and clinical implications*. [Thesis fully internal (DIV), University of Groningen]. University of Groningen. <https://doi.org/10.33612/diss.556158163>

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List of publications

Trzpis M*, **Sun G***, Chen J, Huizinga J, Broens P. Physiological mechanisms underlying fecal continence. *American Journal of Physiology-Gastrointestinal and Liver Physiology*. 2022.

Sun G, Trzpis M, Broens P. High anal canal pressure and rectal washouts contribute to the decrease of anal basal pressure after botulinum toxin injections in paediatric patients with chronic constipation. *Frontiers in pediatrics*. 2022.

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Zhang W, Lou Z, Liu Q, Meng R, Gong H, Hao L, Liu P, **Sun G**, Ma J, Zhang W. Multicenter analysis of risk factors for anastomotic leakage after middle and low rectal cancer resection without diverting stoma: a retrospective study of 319 consecutive patients. *International Journal of Colorectal Disease*. 2017.

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*Both auteurs contributed equally



Posters and presentations

2019 American Society of Colorectal Surgeon (ASCRS) in USA:

Zhang W, **Sun G**, Zhu X, Lou Z, Gao X, Gong H, Hao L, Meng R. Pull-through conformal sphincter preservation operation for ultra-low rectal cancer

Zhang W, **Sun G**, Lou Z, Gao X, Yu G, Bai C. A main cause for impairment of anal function after intersphincteric resection: from pathology to clinical practice

2020 American Society of Colorectal Surgeon (ASCRS) in USA:

Zhang W, **Sun G**, Zheng K, Lou Z, Gong H, Furnee E, Broens P, Trzpis M. Comparison of functional and oncological outcome of conformal sphincter preservation operation, low anterior resection and abdominoperineal resection in ultralow rectal cancer; a retrospective comparative cohort study

2020 Federation of Neurogastroenterology and Mobility (FNM) in Australia :

Sun G, Trzpis M, Broens P. The anal pressure does not exist

2021 Pediatric Colorectal Club (PCC) in Greece :

Sun G, Trzpis M, Broens P. Factors which contribute to the decrease of anal basal pressure after botulin toxin injections in pediatric patients with chronic constipation.

2022 Chinese Association of Colorectal Surgeon Annual Meeting:

Sun G, Zang Y, Lou Z, Meng R, Chen Z, Furnee E, Xiang J, Zhang W. Comparison of anal function and quality of life after conformal sphincter preservation operation and intersphincteric resection of ultra-low rectal cancer——a multicentre, retrospective, case-control analysis

2022 International Congress of Abdominal Radiology in New York, USA:

Sun G, Trzpis M, Haas R, Broens P. The value of dynamic MR defecography in evaluating defecation disorder severity



