

# FUNCTIONAL CONSTIPATION

## VIDEO + INFOGRAPHIC

---

This video and infographic were created by ECHO Research with support from ARCHE and TREKK. Development of these tools was led by Dr. Shannon Scott (ECHO Research) and involved a rigorous and iterative process, bringing together researchers and field experts. To learn more about the developers, see the References & Development Team document below

## REFERENCES

---

1. Thompson A, Wine E, MacDonald S, Campbell A, & Scott S. (2021). Parents' Experiences and Information Needs while Caring for a Child with Functional Constipation: A Systematic Review. *Clinical Pediatrics*. 60(3), 154-169.
2. Thompson A, MacDonald S, Wine E, & Scott S. (2021). Parents Experiences of Pediatric FC: an Interpretive Descriptive study. 4(1).
3. Eltorki, M., Landry, P. and TREKK Network. (2019). BOTTOM LINE RECOMMENDATIONS: Constipation. Retrieved from: [https://trekk.ca/resources?utf8=%E2%9C%93&tag\\_id=D003248&external\\_resource\\_type=Quick\\_glance](https://trekk.ca/resources?utf8=%E2%9C%93&tag_id=D003248&external_resource_type=Quick_glance)
4. Zeevenhooven J, Koppen IJ, Benninga MA. The New Rome IV Criteria for Functional Gastrointestinal Disorders in Infants and Toddlers. *Pediatr Gastroenterol Hepatol Nutr*. 2014;20(1):1-13.
5. Tabbers MM, Di Lorenzo C, Berger MY, et al. Evaluation and treatment of functional constipation in infants and children: evidence-based recommendations from ESPGHAN and NASPGHAN. *J Pediatr Gastroenterol Nutr*. 2014;58(2):258-74.
6. Freedman SB, Thull-Freedman J, Manson D, et al. Pediatric abdominal radiograph use, constipation, and significant misdiagnoses. *J Pediatr*. 2014;164(1):83-8.

## CLINICAL EXPERTS

---

### **Justine Turner, MD, PhD**

Professor, Division of Gastroenterology and Nutrition,  
Department of Pediatrics, University of Alberta,  
Edmonton, Canada

### **Dr. Paige Landy** (TREKK content advisor)

BSc, MBChB, Western University, Paediatric  
Emergency Medicine Fellow

### **Eytan Wine, MD, PhD, FRCPC**

Associate Professor Department of Pediatrics,  
Division of Pediatric Gastroenterology & Nutrition.  
University of Alberta

### **Dr. Patricia Kawada**

Clinical Lecturer in the Department of Pediatrics  
in the Faculty of Medicine & Dentistry. University  
of Alberta.

### **Iwona Wrobel, MD, FRCPC**

Clinical Associate Professor, Cumming School of  
Medicine, University of Calgary. Department of  
Pediatrics Chief, Section of Pediatric  
Gastroenterology, Hepatology and Nutrition, Alberta  
Children's Hospital.  
Improvement Advisor, Institute for Healthcare  
Improvement.

### **Jason Silverman, MD, MSc, FRCPC, FAAP**

Pediatric Gastroenterologist, Stollery Children's  
Hospital, Assistant Professor and Training Program  
Director, Division of Pediatric Gastroenterology and  
Nutrition, Department of Pediatrics, University of  
Alberta

### **Dr. Rabin Persad | Assoc Prof**

Assoc Prof/Gastroenterology in the Department of  
Pediatrics in the Faculty of Medicine & Dentistry.  
University of Alberta.

### **Dr. Mohamed Eltorki (TREKK content advisor)**

Assistant Clinical Professor, Division of  
Emergency Medicine, McMaster University

*Thank you to the Pediatric Emergency Research Canada (PERC) for reviewing the infographic*

## **DEVELOPMENT TEAM**

---

### **Shannon D Scott, RN, PhD**

Professor, University of Alberta Faculty of Nursing.  
Canada Research Chair for Knowledge Translation  
in Child Health. Principal Investigator, translating  
evidence in child health to enhance outcomes  
(ECHO). Distinguished Researcher, Stollery  
Children's Hospital Foundation

### **Lisa Hartling, PhD**

Professor, Department of Pediatrics, Faculty of  
Medicine & Dentistry, University of Alberta. Director,  
Alberta Research Centre for Health Evidence  
(ARCHE). Canada Research Chair in Knowledge  
Synthesis and Translation. Distinguished Researcher,  
Stollery Children's Hospital Foundation

### **Alison Thompson, BN, MN, NP**

PhD candidate, ECHO Research  
University of Alberta Faculty of Nursing

### **Hannah M Brooks, MSc**

Research Manager, ECHO Research  
University of Alberta Faculty of Nursing

### **Pediatric Parents' Advisory Group (P-PAG)**

ECHO Research and ARCHE, University of Alberta

### **Jeff Allen Productions Inc.**

Video Production

### **Cut & Paste Design Inc.**

Infographic Design & Development

### **Joud Nour Eddin, MPH**

Research coordinator, ECHO Research  
University of Alberta Faculty of Nursing

*Thank you to Shannon MacDonald, RN, PhD for reviewing the video*

## FUNDERS

---

Funding for these resources was provided by the Canadian Institutes of Health Research (CIHR). The video was also supported by Dr.Thompson's (previous doctoral trainee at ECHO) WCHRI graduate studentship funding.

## USABILITY TESTING

---

Location: Emergency Department at the Stollery Children's Hospital

