



Linda Crnic Institute
for Down Syndrome

UNIVERSITY OF COLORADO
ANSCHUTZ MEDICAL CAMPUS

RESEARCH TO DEVELOP THE CRNIC INSTITUTE HUMAN TRISOME PROJECT[™] CHRONIC CONSTIPATION STUDY



The Human Trisome Project biobank provides qualified researchers with access to biological samples and health information to answer specific research questions. This sub study focuses on a deeper understanding of chronic constipation in Down syndrome (DS), which affects 50% of individuals with DS at some point in their lives.

WHY PARTICIPATE?

- The Neurogastroenterology and Motility Program at Children's Hospital Colorado offers specialized treatments for chronic constipation including an expert motility physician, occupational and pelvic physical therapy, and a pediatric psychologist that are all typically covered by insurance.
- Studying chronic constipation in DS could benefit those with this condition and improve future treatments.
- Research procedures can be combined with clinical care.



WHO CAN HELP?

- Anyone who has or does not have Down syndrome
 - Is diagnosed with chronic constipation that is not due to a known congenital condition
 - Is undergoing a GI biopsy or GI motility testing for clinical reasons



WHAT IS INVOLVED?

- A blood draw, mouth swab, stool sample and allowing access to your health information
- Additional GI biopsies to be taken for research purposes
- Optional procedures (ex. cognitive testing, longer participation timeframe)

INTERESTED?

To learn more about this clinical study,
email htp@ucdenver.edu.

Collaborating Physician: Jaime Belkind-Gerson, MD, MSc
Director, Neurogastroenterology and Motility Program
Digestive Health Institute
Children's Hospital Colorado

Compensation will be provided.

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