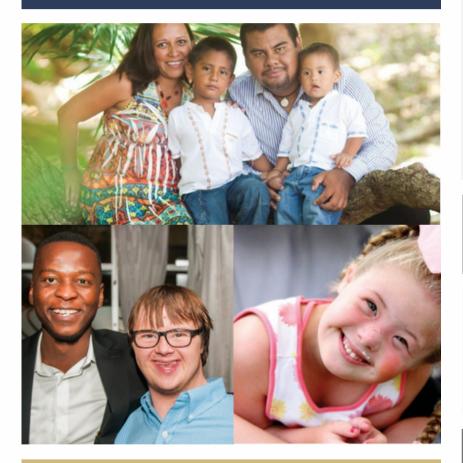


RESEARCH TO DEVELOP THE CRNIC INSTITUTE HUMAN TRISOME PROJECT[®] CHRONIC CONSTIPATION STUDY



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.



INTERESTED?

To learn more about this clinical study, email <u>htp@ucdenver.edu</u>.

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

Compensation will be provided.

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)

COMIRB# 15-2170 PI: Dr. Joaquín Espinosa