Driving Advances In Rare Disease Diagnosis, Care And Treatment



FRAGILE X SYNDROME

1 in 4000 males 1 in 8000 females

#1 known genetic cause of autism in males

Unique inheritance pattern

PREMUTATION CARRIERS:

1 in 150 - 300 women are carriers

1 in 400 - 850 men are carriers

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SUPPORTING IMMEDIATE NEEDS OF INDIVIDUALS

IDENTIFYING THE EXPERTISE OF PARENTS

- Redefining care pathways that operationalize the WHO's ICF Framework of health
- Removing the load families and care providers bear

BUILDING PARTNERSHIPS AND COLLABORATIONS

- Families
- Researchers and clinicians
- Healthcare
 - Physician Learning Program, Office of Lifelong Learning University of Alberta
- Medical schools
 - Sharing the family journey University of Calgary
 - Curriculum development McMaster University
- Public Policy

IMPROVING CARE IN FRAGILE X SYNDROME AND BEYOND

Mental models

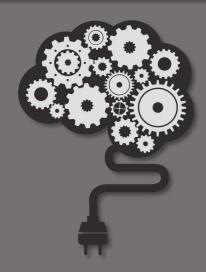
How someone experiences and understands the world around them.

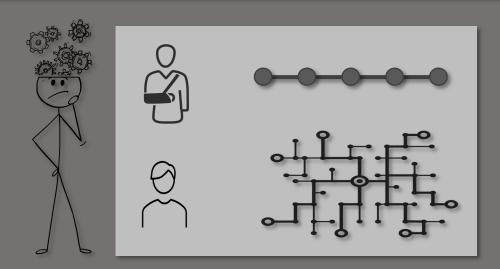
Health literacy

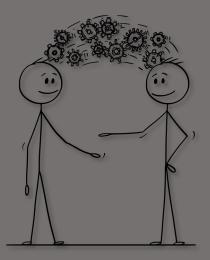
"the ability to access, understand, evaluate, and communicate information in a way to promote, maintain and improve health in a variety of settings across the life-course."

Knowledge transfer

Sharing knowledge between individuals.







Kelm, K., & Bolduc, F. V. (2021). How Knowledge Mapping Can Bridge the Communication Gap Between Caregivers and Health Professionals Supporting Individuals With Complex Medical Needs: A Study in Fragile X Syndrome Frontiers in psychiatry, 12, 731011. https://doi.org/10.3389/fpsyt.2021.731011 FRAGILE X RESEARCH FOUNDATION OF CANADA

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Acknowledge the challenges associated with Fragile X syndrome but also draw upon the strengths and assets of individuals and all of those involved on the care team.



WE NEED TO HUMANIZE CARE
SEE INDIVIDUALS FOR WHO THEY ARE
- NOT FOR WHO THEY ARE NOT

