What is Fragile X?
Fragile X syndrome is an inherited intellectual and developmental disability and is the leading, known inherited cause of intellectual disability and Autism Spectrum Disorder.

Fragile X Syndrome
FXS is a genetic condition caused by a full mutation of the FMR1 gene. Symptoms include intellectual disability, behavioral and learning challenges, and various physical characteristics.

Fragile X-associated Primary Ovarian Insufficiency
FXPOI occurs in 22% of female carriers and is a cause of infertility, early menopause, and other ovarian problems.

Fragile X-associated Ataxia/Tremor Syndrome
FXTAS is an adultonset (age 50+) condition that causes neurological and psychiatric symptoms in carriers. It is commonly misdiagnosed as Parkinson’s.

What conditions benefit from Fragile X research?
- Alzheimer’s Disease
- Parkinson’s Disease
- Downs Syndrome
- Autism Spectrum Disorders
- Cystic Fibrosis
- Polycystic Ovarian Syndrome
- Epilepsy
- ALS

How common is Fragile X?
U.S. 1.5 million carriers
100,000 with FXS

How is Fragile X diagnosed?
Through a simple DNA blood test.

Is there a cure?
Not yet.

Researchers are working on gene therapies and protein synthesis for long-term treatments.

Want to know more?
- fragilex.org
- contact@fragilex.org