





## Turner Syndrome affects 1 in 2000 females

Possible Indications for this lifetime condition:

## We can help.

The goal of the Turner Syndrome Foundation (TSF) is to support research initiatives and develop educational programs which will increase professional awareness and enhance medical care of those affected by Turner Syndrome.

Early diagnosis and comprehensive treatments over the lifespan may lead to a brighter and healthier future for all young girls and women with Turner Syndrome. TSF is a 501(c)3 nonprofit organization EIN#27-1409942.

## \* SHORT STATURE

- \* DELAYED PUBERTY
- \* WIDE SHORT NECK
- \* WIDE SHIELD CHEST WITH WIDE SPACED NIPPLES
- \* LOW SET EARS
- \* LOW SET HAIRLINE
- \* SHORT 4TH METACARPAL
- \* EYE SIGHT ISSUES, STRABISMUS
- \* PIGMENTED MOLES & DRY SKIN
- \* OTITIS MEDIA & HEARING LOSS
- \* HEART ABNORMALITIES

- \* KIDNEY ISSUES & INFECTIONS
- \* LYMPHEDEMA
- \* SCOLIOSIS & MALFORMED BONES
- \* DYSMORPHIC FEATURES
- \* HIGH ARCHED PALATE
- \* DENTAL PROBLEMS
- \* UPTURNED FINGERNAILS
- \* ACADEMIC STRENGTHS & WEAKNESSES
- \* SOCIAL ISSUES & ANXIETY
- \* WEIGHT GAIN & ASSOCIATED RISKS

Early diagnosis and treatment.



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Turner syndrome is a random mutation of chromosomes that affects only females. There is an absence of all or part of the second X chromosomes in some or all of the cells in the body. If a child does not exhibit classic TS characteristics, but is short and falling below the curve on the growth chart, has delayed pubertal development, presents verbally gifted, or expresses academic or social challenges, she may have TS. Diagnosis is made with a Karyotype blood test. An endocrinologist will monitor the patient, screen for other conditions and provide specialized medical care, and treatments. Early interventions can promote a positive self-esteem and improved prognosis.