

## What is the Turner Syndrome Society of the United States?

The Turner Syndrome Society of the United States (TSSUS) is a national non-profit 501 (c) (3) organization that provides health-related resources to patients, families and physicians for the diagnosis and treatment of Turner syndrome. We have chapters and support groups throughout the country. TSSUS holds annual conferences with speakers from a variety of professions including medical experts, social workers, educators and psychologists. These meetings provide an opportunity to exchange information on many topics of interest to TS patients of all ages.



**Turner  
Syndrome  
Society**  
of the United States

*Creates Awareness, Promotes  
Research and Provides Support  
for All Persons Touched  
by Turner Syndrome*



**Turner  
Syndrome  
Society**  
of the United States

## What is Turner Syndrome?

Turner syndrome (TS) is a **non-inherited chromosomal condition that describes girls and women with common features and physical traits.**



*Our website highlights the  
basics of TS as well as more specific  
articles on a wide range of related topics.*

**Learn more at  
[www.turnersyndrome.org](http://www.turnersyndrome.org)**

**TSSUS**  
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[www.turnersyndrome.org](http://www.turnersyndrome.org)

*There are approximately 80,000  
women and girls affected with TS in  
the United States with approximately  
800 new cases diagnosed each year.*

## Key Traits and Conditions

Turner syndrome may be diagnosed throughout the lifespan from in-utero to adulthood with a test called a karyotype.

### *TS conditions include, but are not limited to:*

- Delayed puberty
- Heart defects such as aortic coarctation and bicuspid aortic valve
- Puffy hands and feet (especially at birth)
- Infertility due to nonfunctional ovaries
- Kidney, thyroid and liver concerns
- Hearing loss
- Frequent ear infections
- Non-verbal Learning Disorder affects math and social skills while overall intelligence is normal
- Scoliosis
- Celiac disease

### *TS physical traits include, but are not limited to:*

- Short stature (under 5 ft.)
- Webbed neck
- Slight droop to eyes
- Many moles
- Receding lower jaw
- Shorter ring finger
- Triangular face

## How Can TS be Treated?

The treatment of TS individuals should be individualized; physicians, family and patients should decide on treatment options together.

Major advances in the treatment of Turner syndrome have made a big difference in the lives of girls and women with TS. Many young girls diagnosed with TS start on growth hormone therapy to achieve greater height. Puberty can now be initiated at the same time as peers with the use of estrogen therapy.

As girls become women, estrogen therapy is continued to prevent osteoporosis. Continued heart evaluation is needed from birth throughout adult life. Advances in heart surgery have improved the lives of hundreds of girls and women with TS. Because hearing loss is so prevalent in women with TS, hearing evaluations are critical.

*For the complete treatment guidelines, see the “Clinical Practice Guidelines for Turner Syndrome” found at [www.turnersyndrome.org](http://www.turnersyndrome.org).*

The social and psychological impact of Turner syndrome cannot be underestimated and should be a priority in the care of any girl or woman with TS. Getting to know others who share this unique bond and have similar issues and concerns can be a great benefit to them and their families. With the help of medical specialists and a good social support system, a woman with TS can live a happy, healthy life.

Find out more about  
Turner syndrome, then  
tell a friend, a family  
member, a business  
associate or a health care  
professional and help us  
**Crush Ignorance  
of Turner Syndrome!**

