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[Mixed gonadal dysgenesis in 45,X Turner syndrome with SRY ...](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4722163)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4722163>

Dec 31, 2015 · Various phenotypic features show depending upon karyotype from normal female through ambiguous genitalia to male. Usually, Turner girls containing 45,X/46,XY mosaicism, or sex-determining region Y (SRY) gene may have mixed gonadal dysgenesis with various external sexual differentiation. We experienced a short statured 45,X Turner girl with normal external genitalia.

Cited by: 1

Author: Jae Yeop Jung, Sohyoung Yang, Eun Hw...

Publish Year: 2015

[Turner Syndrome with Y Chromosome: Spontaneous ...](https://www.sciencedirect.com/science/article/pii/S1083318819302670)

<https://www.sciencedirect.com/science/article/pii/S1083318819302670>

Feb 01, 2020 · P. Canto, N. Galicia, D. Soderlund, et al. Screening for mutations in the SRY gene in patients with mixed gonadal dysgenesis or with Turner syndrome and Y mosaicism Eur J Obstet Gynecol Reprod Biol, 115 (2004), p. 55

Cited by: 2

Author: Elizabeth Dabrowski, Emilie K. Johnson, ...

Publish Year: 2020

[Short Stature on a Boy: Mosaicism with an Isodicentric Y ...](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6487124)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6487124>

Apr 14, 2019 · Mosaicism induces a highly variable phenotype; 45,X/46,XY mosaicism can be observed in Turner syndrome patients, mixed gonadal dysgenesis and, furthermore, apparently normal men just like the reported case. Clinical manifestations can range from partial virilisation and genital ambiguity at birth to patients with complete female or male phenotype.

Cited by: 1

Author: Catarina Silvestre, Juliette Dupont, Rosári...

Publish Year: 2019

PEOPLE ALSO ASK

What is the difference between Turner and gonadal dysgenesis? ▾

What is mixed gonadal dysgenesis? ▾

What is the genotype of Turner syndrome? ▾

Name of Journal: *World Journal of Clinical Cases*

Manuscript NO: 58773

Manuscript Type: CASE REPORT

Gonadal dysgenesis in Turner syndrome with Y-chromosome mosaicism: Two case reports

Leng XF *et al.* Gonadal dysgenesis in TS with Y-chromosome mosaicism

Xue-Fei Leng, Ke Lei, Yi Li, Fei Tian, Qin Yao, Qing-Mei Zheng, Zhi-Hong Chen

Abstract

BACKGROUND

Turner syndrome (TS) has a variety of different karyotypes, with a wide range of phenotypic features, but the specific karyotype may not always predict the phenotype. TS with Y chromosome mosaicism may have mixed gonadal dysgenesis, and the mosaicism is related to the potential for gonadoblastoma.

CASE SUMMARY

Match Overview

1	Internet 73 words crawled on 29-Apr-2020 www.elsevier.es	3%
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4	Crossref 39 words H. Daggag, W. Srour, M. El-Khateeb, K. Ajlouni. "Analysis of Turner Syndrome Patients within the Jordanian Population ..."	1%
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Hidden Y Chromosome Mosaicism in 48 Egyptian Patients with ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3745850>

The presence of **Y chromosome material** in **Turner's syndrome (TS)** patients is a risk factor for the development of **gonadoblastoma**. Although conventional **cytogenetic** analysis is the definitive **diagnosis** of **TS**, low level **Y chromosome mosaicism** may be missed.

Cited by: 1**Author:** Mervat M. El-Eshmawy, Sohier Yahia, Fa...**Publish Year:** 2013

Turner Syndrome with Y Chromosome: Spontaneous Thelarche ...

<https://www.sciencedirect.com/science/article/pii/S1083318819302670>

Feb 01, 2020 · P. Canto, N. Galicia, D. Soderlund, et al. Screening for mutations in the SRY gene in patients with mixed **gonadal dysgenesis** or with **Turner syndrome** and **Y mosaicism** Eur J Obstet Gynecol Reprod Biol, 115 (2004), p. 55

Cited by: 2**Author:** Elizabeth Dabrowski, Emilie K. Johnson, ...**Publish Year:** 2020

Mosaic Turner Syndrome Presenting with a 46,XY Karyotype

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6487122>

Apr 11, 2019 · In a series of 27 postnatally diagnosed **cases** of 45,X/46,XY **mosaicism**, 18 were male (11 with mixed **gonadal dysgenesis**) and 9 had **Turner syndrome**. **Turner syndrome** with 45,X/46,XY low-level **mosaicism** may not be detected on standard karyotype and FISH analysis of larger numbers of cells can be useful for diagnosis.

Cited by: 2**Author:** Melody Rasouli, Katherine McDaniel, Mic...**Publish Year:** 2019

Turner Syndrome (Gonadal Dysgenesis) | Current Medical ...

<https://accessmedicine.mhmedical.com/content.aspx?sectionid=249595220>

Patients with the classic **syndrome** (about 50% of **cases**) lack one of the **two** X chromosomes (45,XO karyotype). About 12% of patients harbor **mosaicism** for **Y chromosome** sequences. Other patients with **Turner syndrome** have X chromosome abnormalities, such as ring X or Xq (X/abnormal X) or X chromosome deletions affecting all or some somatic cells ...

Turner Syndrome

Medical Condition

Genetic disorder where female is born with single X chromosome



- Short stature
- Learning disabilities
- Heart defects
- Delayed puberty
- Infertility

A condition affecting female infants due to partially or completely missing sex chromosome.

Rare (Fewer than 200,000 cases per year in US)

Often requires lab test or imaging

Treatments can help manage condition, no known cure

Can be lifelong

Turner syndrome is a condition resulting from a sex chromosomal defect in female infants. There is a partial or complete absence of an X chromosome that affects the overall development and learning ability of the affected person. There is no cure for the condition. Hormone therapy is the primary mode of treatment. Other treatment options are based on the type and severity of symptoms.

Symptoms

Turner syndrome leads to various developmental and medical problems



Gonadal dysgenesis in Turner syndrome with Y-chromosome mosaicism:



Sign in



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Gonadal dysgenesis with mosaicism and a nonfluorescent Y ...

<https://www.sciencedirect.com/science/article/pii/0002937880910170>

Mar 01, 1980 · **Gonadal dysgenesis** with **mosaicism** and a nonfluorescent **Y chromosome**: Report of **two cases** with correlation of clinical, pathologic, and cytogenetic findings W. R. SCOTT CURTIS, LIEUTENANT COMMANDER (MC) USNR BEVERLY J. WHITE, M.D. ANNE W. LUCKY, M.D. NAN ROCHE-BENDER, B.A. DOUGLAS R. KNAB, CAPTAIN (MC) USN ROGER E. JOHNSONBAUGH, CAPTAIN (MC) USN Bethesda, Maryland, and Chicago, Illinois **Two** ...

Cited by: 9

Author: W.R.Scott Curtis, Beverly J. White, Anne ...

Publish Year: 1980

Hidden Y Chromosome Mosaicism in 48 Egyptian Patients ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3745850>

1. Introduction. **Turner's syndrome** (TS) is one of the most common chromosomal abnormalities affecting 1 in 2500 newborn females [].It is characterized by short stature, **gonadal dysgenesis**, primary hypogonadism, congenital heart disease, renal anomalies, and a variety of somatic features [].TS was

Turner Syndrome

Medical Condition

Genetic disorder where female is born with single X chromosome



- Short stature
- Learning disabilities
- Heart defects
- Delayed puberty
- Infertility

A condition affecting female infants due to partially or completely missing sex chromosome.

🏠 Rare (Fewer than 200,000 cases per