

Table 1: Clinical data on the TS girls, including age, karyotype, intraoperative and histopathological descriptions of ovarian tissue, and serum hormone levels.

Subject No.	Age at OTC (y)	Karyotype	Time of Dx	Phenotype	Intraoperative description of ovaries	Pathology findings	Follicle count	Density (follicles/mm ²)	Morphology	Serum Estradiol (pg/mL)	Serum AMH (ng/mL)	FSH (U/L)	LH (U/L)	Inhibin B (pg/mL)
1	4	45, X	Antenatally via NIPT	short stature	bilateral streak ovaries	Fibrous tissue resembling ovarian stroma. No primordial follicles seen.	0	N/A	N/A	<10	<0.03	13.6	<0.1	<10
2	10	45, X	7 yo, via chromosomal microarray	short stature, premature adrenarche	normal bilateral ovaries	FibroadiPOSE tissue, large vessels, muscle and nerve. No clear-cut ovarian tissue, including follicles are appreciated. As per gross description, 90% of tissue is procured.	0	N/A	N/A	<10	0.18	2.6	0.2	<10
3	8	45, X	Antenatally via CVS	hypothyroidism, ASD, bicuspid aortic valve	bilateral streak ovaries	Fibrous tissue, consistent with streak gonad	0	N/A	N/A	<10	<0.03	7.5	0.1	<10
4	7	Heterozygous deletion of Xp21.1-q28	4 yo, via chromosomal microarray	short stature, hypogammaglobulinemia	bilateral streak ovaries	There is no tissue recognizable as ovary. There is a focus of adrenal cortical like tissue measuring approximately 1 mm in diameter. This is probably a part of the streak gonad of Turner syndrome with gonadal dysgenesis, that has been reported to sometimes contain ectopic adrenal cortical tissue.	0	N/A	N/A	<10	<0.03	2.8	<0.1	<10
5	8	Mosaic, 45, X and ring X	6 yo, via chromosomal microarray	short stature	bilateral streak ovaries	Ovarian stroma. No oocytes identified. Two small clusters of granulosa cells resembling follicular cysts are present.	0	N/A	Abnormal	<10	<0.03	15.8	0.7	<10
6	8	Mosaic, [45, X(9)/46, X X(11)]	3 yo, via microarray	short stature	normal bilateral ovaries	Ovary with numerous primordial follicles and scattered primary follicles without specific pathologic changes. Histologic sections show ovarian tissue with numerous primordial follicles, many of which contain oocytes and scattered primary follicles.	475	0.026185	1mm dysgerminoma	<10	1.4	1	<0.1	25