

Table 1. Clinical and hormonal parameters in patients with and without a history of cryptorchidism, in patients with and without Leydig cell micronodules (LCM) and in controls. Data are presented as medians and interquartile ranges.

	TDS patients N = 101					Controls N = 20	p-values
	History of cryptorchidism N = 76	Non- cryptorchid N = 25	Bilateral LCM N = 41	Unilateral LCM N = 17	Absence of LCM N = 43		
Size, right testis (ml)	8.5 (5.7-11.0) n = 56	8.3 (6.1-12.0) n = 24	7.6 (5.6-10.2) n = 33	6.3 (5.0-8.7) n = 16	11.0 (6.5-15.1) n = 31	15.0 (11.5-20.0) n = 15	a: p = 0.709 b: p = 0.254 c: p = 0.007 d: p = 0.002
Size, left testis (ml)	6.5 (4.6-9.6) n = 59	9.3 (6.4-12.6) n = 24	6.6 (4.5-9.1) n = 34	6.3 (5.4-7.8) n = 16	9.7 (5.1-13.8) n = 33	13.7 (11.5-15.9) n = 14	a: p = 0.021 b: p = 0.901 c: p = 0.012 d: p = 0.044
LH (U/l)	5.3 (3.7-6.5) n = 76	4.0 (2.6-4.8) n = 24	5.9 (4.2-6.7) n = 41	4.7 (3.9-6.1) n = 17	4.0 (2.5-5.4) n = 42	2.9 (2.3-3.8) n = 17	a: p = 0.010 b: p = 0.256 c: p < 0.001 d: p = 0.043
FSH (U/l)	11.6 (6.7-18.4) n = 76	8.7 (5.1-14.7) n = 24	13.1 (8.1-20.0) n = 41	12.7 (7.9-15.4) n = 17	7.5 (4.9-13.9) n = 42	3.1 (2.5-4.9) n = 17	a: p = 0.201 b: p = 0.500 c: p = 0.006 d: p = 0.039
Inhibin B (pg/ml)	75 (32.0-121.0) n = 71	92 (42.5-147.0) n = 21	50.0 (26.0-92.0) n = 39	48.0 (35.3-106.0) n = 14	99.0 (58.0-153.0) n = 39	192.5 (138.3-274.3) n = 12	a: p = 0.261 b: p = 0.746 c: p = 0.006 d: p = 0.072
T/LH-ratio	2.9 (1.9-4.1) n = 76	3.8 (3.1-5.1) n = 24	2.5 (1.7-3.5) n = 41	3.2 (2.9-3.7) n = 17	3.9 (2.8-5.2) n = 42	4.7 (3.8-6.8) n = 17	a: p = 0.007 b: p = 0.026 c: p < 0.001 d: p = 0.132
Testosterone (nmol/L)	14.5 (10.5-17.9) n = 76	14.1 (12.2-15.9) n = 24	13.6 (10.6-16.9) n = 41	16 (12.7-20.0) n = 17	13.8 (10.6-17.9) n = 42	15.2 (11.2-19.2) n = 17	a: p = 0.850 b, c, d*: p = 0.144
Estradiol (pmol/l)	75.5 (58.3-101.0) n = 76	76.0 (67.5-95.8) n = 24	75.0 (49.0-83.5) n = 41	85.0 (71.5-101.5) n = 17	79.5 (66.8-105.0) n = 42	68.0 (57.3-82.8) n = 16	a: p = 0.793 b, c, d*: p = 0.084
SHBG (nmol/l)	29.0 (21.3-41.5) n = 76	28.5 (24.3-35.5) n = 24	29.0 (21.0-39.0) n = 41	35.0 (25.5-42.5) n = 17	29.0 (23.0-35.8) n = 42	32.0 (23.3-37.8) n = 16	a: p = 0.840 b, c, d*: p = 0.522

a: Difference between cryptorchid and non-cryptorchid patients; b: Difference between bilateral and unilateral LCM; c: Difference between bilateral LCM and absence of LCM; d: Difference between unilateral LCM and absence of LCM.

*Kruskall-Wallis test.