

Table S2a. Comparisons of testicular parameters in boys with UDT below and above the 6th year of age.

Testicular parameters	<6 year	≥6 year
	UDT N=72	UDT N=18
	Mean±SD Median Min-Max	Mean±SD Median Min-Max
Unilateral n (%)	63 (88%)	14 (78%)
Bilateral n (%)	9 (12%)	4 (22%)
TV-1 (B)	0.7±0.3 0.7 0.3-1.2	1.4±0.3*** 1.4 0.8-2.2
TV-2 (B)	0.5±0.2 0.5 0.5-1.0	1.1±0.4*** 1.3 0.5-1.7
Mean TV (B)	0.6±0.2 0.7 0.2-1.2	1.2±0.3*** 1.3 0.8 -2.0
TAI-1 (B)	25.0±15.8 22.2 0-75.0	18.1±17.2 * 12.9 0-68.7
TAI-2 (B)	36.8±22.6 25.6 16.3-74.4	25.1±18.1 17.4 13.3-52.0
TV-1 (A)	1.0±0.3 1.0 0.5-2.0	1.7±0.6*** 1.8 0.8-3.5
TV-2 (A)	0.8±0.3 0.8 0.1-1.7	1.5±0.6*** 1.7 0.5-2.9
Mean TV (A)	0.9±0.2 0.9 0.5-1.9	1.6±0.6*** 1.7 0.7-3.2.
TAI-1 (A)	17.6±11.4 16.7 0.0-60.0	15.6±16.4 11.8 -5.3-63.2
TAI-2 (A)	37.0±31.8 29.0 -8.0-88.3	19.6±25.6 25.6 -7.4-51.0
TGP-1	56.0±49.6 25.0 0.0-200.0	24.2±19.4** 20.5 0.0-78.6
TGP-2	75.4±68.5 60.0 -54.8-300.0	32.7±23.9* 34.5 -28.6-70.6
Mean TGP	62.8±51.6 50.0 -5.7-200.0	27.4±20.2* 23.3 -13.3-74.1

*p <0.05; **p<0.01; ***p<0.001; U Mann-Whitney test. Statistically significant data are in bold. Abbreviations: A—after surgery, B—before surgery, N—number of cases; TAI —testicular atrophy index (%); TAI-1—undescended testis in UCT and IAT group, bigger testis in BCT group compared to the healthy testis in UCT group; TAI-2—smaller testis in BCT group compared to the healthy testis in UCT group; TGP—testicular growth percentage (%); TGP-1—descended testis in UCT and IAT group, bigger testis in BCT group; TGP-2—undescended testis in UCT and IAT group, smaller testis in BCT group; Mean TGP – mean of both testes; TV –testicular volume (cm³); TV-1—descended testis in UCT and IAT group, bigger testis in BCT group; TV-2—undescended testis in UCT and IAT group, smaller testis in BCT group; Mean TV—mean of both testes.