

Supplementary Material

1 Supplementary tables

No	Breed	Age (months)	Testicular condition	Testicle location
CRYPTO group				
1	Chihuahua	38	Unilateral cryptorchid	Inguinal *
2	Maltese dog	12	Unilateral cryptorchid	Abdominal *
3	American Staffordshire	12	Unilateral cryptorchid	Abdominal *
4	Cocker Spaniel	14	Unilateral cryptorchid	Abdominal *
5	Siberian Husky	12	Unilateral cryptorchid	Inguinal *
6	Mixed breed	14	Bilateral cryptorchid	Abdominal
7	Maltese dog	24	Bilateral cryptorchid	Abdominal
8	Pekingese	18	Unilateral cryptorchid	Abdominal *
9	Mixed breed	13	Unilateral cryptorchid	Inguinal *
10	Chihuahua	34	Unilateral cryptorchid	Inguinal *
11	Golden Retriever	16	Unilateral cryptorchid	Inguinal *
12	Mixed breed	16	Bilateral cryptorchid	Inguinal
13	Pomeranian	12	Unilateral cryptorchid	Inguinal *
14	Pomeranian	14	Unilateral cryptorchid	Inguinal *
15	German Shepherd	16	Bilateral cryptorchid	Abdominal

16	Miniature Pinscher	48	Unilateral cryptorchid	Inguinal *
17	Mixed breed	27	Bilateral cryptorchid	Abdominal
18	Mixed breed	48	Unilateral cryptorchid	Inguinal *
19	Mixed breed	18	Unilateral cryptorchid	Inguinal *
20	Mixed breed	24	Unilateral cryptorchid	Abdominal **
INTACT Group				
21	Mixed breed	26	Intact	Scrotal
22	Mixed breed	12	Intact	Scrotal
23	French Bulldog	12	Intact	Scrotal
24	Mixed breed	25	Intact	Scrotal
25	Mixed breed	12	Intact	Scrotal
26	German Shepherd	24	Intact	Scrotal
27	Mixed breed	12	Intact	Scrotal
28	Swiss Shepherd	26	Intact	Scrotal
29	Mixed breed	14	Intact	Scrotal
30	Mixed breed	12	Intact	Scrotal
31	Golden Retriever	40	Intact	Scrotal
32	Golden Retriever	52	Intact	Scrotal
33	Chinese Crested Dog	60	Intact	Scrotal
34	Golden Retriever	41	Intact	Scrotal

35	Golden Retriever	17	Intact	Scrotal
36	Bullmastiff	37	Intact	Scrotal
37	Cane Corso	60	Intact	Scrotal
38	Siberian Husky	28	Intact	Scrotal
39	Siberian Husky	41	Intact	Scrotal
40	Siberian Husky	36	Intact	Scrotal
CASTRATED group				
41	Mixed Breed	74	Castrated	
42	Mixed Breed	48	Castrated	
43	Mixed Breed	24	Castrated	
44	Mixed Breed	72	Castrated	
45	Mixed Breed	72	Castrated	
46	Mixed Breed	24	Castrated	
47	Mixed Breed	26	Castrated	
48	German Shepherd	18	Castrated	
49	Mixed Breed	24	Castrated	
50	Mixed Breed	84	Castrated	

Supplementary Table 1. Group composition by age, breed, testicular condition and location. * The location of the retained testicle is described, while the contralateral testicle is located in the scrotum. **Only the retained testicle was present (hemicastrated patient).