

Appendix 1 to Kim JK, Chua ME, Min JM, et al. Variability among Canadian pediatric surgeons and pediatric urologists in the management of cryptorchidism in boys before the publication of major guidelines: a retrospective review of a single tertiary centre. *Can J Surg* 2019.

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Appendix 1. Supplementary material

Table S1. Per surgeon breakdown for pediatric urologists

	Pediatric Urologists				
	A	B	C	D	E
Total patients per surgeon	91	111	69	100	34
Palpable testes					
Total testes per surgeon	105	125	59	100	33
% of overall palpable testes	24.9%	29.6%	14.0%	23.7%	7.8%
<i>Surgical Approach</i>					
Fowler Stephens					
Open single-stage FS	4	0	1	0	3
Laparoscopic 2-stage FS	0	2	0	1	0
Open Methods					
Inguinal	78	8	15	52	24
Scrotal	23	115	43	47	6
Non palpable testes					
Total testes per surgeon	11	25	21	27	7
% of overall testes	12.1%	27.5%	23.1%	29.7%	7.7%
<i>Surgical Approach</i>					
Fowler-Stephens					
Laparoscopic single-stage FS	0	0	3	1	1
Open single-stage FS	1	0	0	0	0
Laparoscopic 2-stage FS	1	15	3	20	5
Non Fowler-Stephens Laparoscopy					
Single-Stage Laparoscopy without Ligation	0	0	8	2	0
Open Methods					
Inguinal	8	5	6	2	0
Scrotal	1	5	1	2	1

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Table S2. Per surgeon breakdown for pediatric surgeons

	Pediatric Surgeons							
	F	G	H	I	J	K	L	M
Total patients per surgeon	8	8	16	3	19	15	4	10
Palpable Testes								
Total testes per surgeon	9	11	17	3	18	12	5	9
% of overall testes	10.7%	13.1%	20.2%	3.2%	19.1%	14.3%	6.0%	10.7%
<i>Surgical Approach</i>								
Open Methods								
Inguinal	9	10	17	3	18	12	5	9
Scrotal	0	1	0	0	0	0	0	0
Non palpable testes								
Total testes per surgeon	2	0	3	1	5	6	0	2
% of overall testes	10.5%	0.0%	15.8%	5.3%	26.3%	31.6%	0.0%	10.5%
<i>Surgical Approach</i>								
Fowler-Stephens								
Combined laparoscopic then inguinal 1- Stage FS	0	0	0	1	0	0	0	0
Laparoscopic 2-stage FS	0	0	0	0	1	2	0	0
Non Fowler-Stephens Laparoscopy								
Single-Stage Laparoscopy without Ligation	0	0	0	0	2	2	0	0
Open								
Inguinal	2	0	3	0	2	2	0	2

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Table S3. Summary of recommendations

	AUA	BAPS/BAUS	CUA	Choosing Wisely CUA	Choosing Wisely CAPS
Diagnostic Recommendations					
Preferred age of orchidopexy	By 18 months	6-18 months	6-18 months	N/A	N/A
Ultrasound and other diagnostic imaging	Not recommended	Not recommended	Not recommended	Not recommended	Not recommended
Laparoscopic exploration for non-palpable UDT	Recommended, but open exploration also acceptable	Recommended	Recommended	N/A	N/A
Treatment Recommendations					
Palpable UDT					
Open orchidopexy	Scrotal or Inguinal	N/A	Scrotal or Inguinal	N/A	N/A
Non-palpable UDT					
Open orchidopexy	Scrotal or Inguinal	N/A	Scrotal or Inguinal	N/A	N/A
Fowler-Stephens orchidopexy	Single or 2-staged	N/A	Single or 2-staged	N/A	N/A