

Supplementary Table 1. Likelihood of recommending rearing as a boy across different timepoints and participant demographic characteristics

Comparison		Micropenis				PAIS				Penile Ablation			
		OR*	Lower	Upper	<i>p</i>	OR	Lower	Upper	<i>p</i>	OR	Lower	Upper	<i>p</i>
Year of survey administration	2003 to 2020	3.377	1.934	5.898	<.001	1.436	1.007	2.048	0.045	0.474	0.253	0.885	0.019
	2010 to 2020	2.856	1.751	4.66	<.001	1.807	1.3	2.511	<.001	1.042	0.556	1.954	NS
	2010 to 2003	0.846	0.528	1.354	NS	0.795	0.613	1.030	NS	2.2	1.405	3.446	<.001
Specialty	PES to SPU	1.002	0.536	1.872	NS	0.283	0.201	0.4	<.001	0.354	0.203	0.617	<.001
Gender	Male to Female	1.444	0.794	2.625	NS	1.196	0.867	1.648	NS	0.374	0.222	0.629	<.001
Age^a	Young to Old	2.346	1.298	4.241	0.005	1.555	1.111	2.178	0.010	2.322	1.446	3.729	<.001
Experience^b	Less to More	0.823	0.503	1.349	NS	1.074	0.824	1.399	NS	0.947	0.618	1.453	NS
Practice Setting	Medical School or Hospital to Other	0.596	0.348	1.020	NS	0.825	0.61	1.114	NS	0.952	0.58	1.561	NS

Abbreviations: PAIS = partial androgen insensitivity syndrome, OR = Odds ratio; PES = Pediatric Endocrine Society; SPU = Societies for Pediatric Urology

^a Median split was used to categorize participants into the younger and older age groups

^b Median split of cases seen over one's career was used to categorize participants into the lesser and more experienced groups

* The likelihood of recommending rearing as a boy, in the first category (e.g., PES) compared to the second category (e.g., SPU)

Supplementary Table 2. Likelihood of recommending the patient lead surgical decision-making across different timepoints and participant demographic characteristics

Comparison		Micropenis				PAIS								Penile Ablation			
		Reared as boy				Reared as girl				Reared as boy				Reared as boy			
		OR*	Lower	Upper	<i>p</i>	OR	Lower	Upper	<i>p</i>	OR	Lower	Upper	<i>p</i>	OR	Lower	Upper	<i>p</i>
Year of survey administration	2003 to 2020	0.466	0.328	0.661	<.001	0.209	0.093	0.467	<.001	0.365	0.22	0.607	<.001	0.561	0.396	0.796	0.001
	2010 to 2020	0.612	0.44	0.852	0.004	0.42	0.199	0.886	0.023	0.553	0.354	0.862	0.009	0.679	0.492	0.936	0.018
	2010 to 2003	1.314	1.011	1.707	0.041	2.015	1.29	3.148	0.002	1.512	1.021	2.239	0.039	1.209	0.9	1.624	NS
Specialty	PES to SPU	0.817	0.592	1.128	NS	1.264	0.62	2.578	NS	4.348	2.657	7.117	<.001	0.694	0.5	0.965	0.03
Gender	Male to Female	0.551	0.399	0.76	<.001	0.897	0.527	1.528	NS	0.776	0.5	1.204	NS	0.776	0.564	1.069	NS
Age^a	Young to Old	0.988	0.709	1.377	NS	1.373	0.798	2.364	NS	0.966	0.588	1.587	NS	0.865	0.602	1.243	NS
Experience^b	Less to More	1.317	1.008	1.721	0.044	1.654	1.092	2.505	0.018	1.084	0.744	1.578	NS	0.949	0.718	1.253	NS
Practice Setting	Medical School or Hospital to Other	1.391	1.030	1.879	0.031	.902	.539	1.507	NS	.964	.624	1.490	NS	1.229	.898	1.681	NS

Abbreviations: PAIS = partial androgen insensitivity syndrome; OR = Odds ratio; PES = Pediatric Endocrine Society; SPU = Societies for Pediatric Urology, OR = Odds ratio; NS = Not Significant; PES = Pediatric Endocrine Society; SPU = Societies for Pediatric Urology

a Median split was used to categorize participants into the younger and older age groups

b Median split of cases seen over one's career was used to categorize participants into the lesser and more experienced groups

* The likelihood of recommending the patient lead surgical decision-making in the first category (e.g., PES) compared to the second category (e.g., SPU).

Due to the small number of participants recommending female gender assignment for the micropenis and penile ablation cases, the analyses are not shown.