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

Comparison		Mild-to-Moderate CAH					Severe CAH			
		OR[1]	Lower	Upper	p		OR	Lower	Upper	p
Year of survey administration	2003 to 2020						2.755	1.863	4.075	<.001
	2010 to 2020			NA[2]			2.128	1.54	2.941	<.001
	2010 to 2003						1.295	0.906	1.85	NS
Specialty	PES to SPU	0.855	0.178	4.106	NS		1.185	0.798	1.758	NS
Gender	Male to Female	1.039	0.212	5.091	NS		1.236	0.827	1.847	NS
Age[3]	Young to Old	0.449	0.096	2.109	NS		1.008	0.653	1.556	NS
Experience[4]	Less to More	1.125	0.395	3.201	NS		0.888	0.649	1.216	NS
Practice setting	Medical School or Hospital to Other	2.295	0.713	7.391	NS		0.774	0.534	1.123	NS
A subsample of participants who attended all three timepoints (n=86)										
Year of survey administration[a]	2003 to 2020						2.589	1.274	5.261	0.009
	2010 to 2020						1.437	0.834	2.478	0.192
	2010 to 2003						0.555	0.282	1.092	0.088
Specialty	PES to SPU	0.314	0.023	4.211	NS		1.116	0.475	2.623	NS
Gender	Male to Female	All females recommended "girl"[5]					1.21	0.481	3.045	NS
Age[3]	Young to Old	1.405	0.107	18.519	NS		1.932	0.717	5.203	NS
Experience[4]	Less to More	All those with less experience recommended "girl"[5]					0.908	0.518	1.589	NS

| Practice setting | Medical School or Hospital to Other | 0.489 | 0.036 | 6.727 | NS | | 0.75 | 0.304 | 1.847 | NS |

Abbreviations: CAH = Congenital Adrenal Hyperplasia, OR = Odds ratio; PES = Pediatric Endocrine Society; SPU = Societies for Pediatric Urology

[1] The likelihood of recommending rearing each case as a girl, in the first category (e.g., PES) compared to the second category (e.g., SPU)

[2] Recommended gender of rearing was only asked for the mild-to-moderate CAH case in 2020; it was asked for the severe CAH case in all years.

[3] Median split was used to categorize participants into the younger and older age groups

[4] Median split of cases seen over respondent's career was used to categorize participants into the less and more experienced groups

[5] In these cases, all members of one category had chosen one answer

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

| Comparison | | Mild-to-Moderate CAH | | | | | Severe CAH | | | | | | | | |
| | | Reared as girl | | | | | Reared as girl | | | | | Reared as boy | | | |
		OR[1]	Lower	Upper	*p*		OR	Lower	Upper	*p*		OR	Lower	Upper	*p*
Year of survey administration	2003 to 2020	0.247	0.167	0.367	<.001		0.199	0.105	0.375	<.001		0.474	0.219	1.026	NS
	2010 to 2020	0.382	0.27	0.54	<.001		0.472	0.28	0.795	0.005		0.539	0.253	1.147	NS
	2010 to 2003	1.545	1.106	2.158	0.011		2.376	1.362	4.145	0.002		0.88	0.433	1.787	NS
Specialty	PES to SPU	3.059	1.958	4.78	<.001		1.515	0.776	2.959	NS		2.676	1.162	6.163	0.021
Gender	Male to Female	0.737	0.505	1.076	NS		0.649	0.37	1.139	NS		0.905	0.409	2.001	NS
Age[2]	Young to Old	1.582	1.007	2.484	0.047		2.023	0.963	4.25	NS		3.297	1.248	8.709	0.016
Experience[3]	Less to More	1.271	0.934	1.729	NS		1.068	0.689	1.653	NS		0.777	0.396	1.524	NS
Practice Setting	Medical School or Hospital to Other	0.911	0.631	1.316	NS		1.431	0.838	2.445	NS		1.136	0.516	2.499	NS
A subsample of participants who attended all three timepoints (n=86)															
	2003 to 2020	0.313	0.158	0.621	<.001		0.215	0.055	0.831	0.026		0.81	0.11	5.75	NS

Variable	Category	OR	CI low	CI high	p	OR	CI low	CI high	p	OR	CI low	CI high	p
Year of survey administration	2010 to 2020	0.43	0.247	0.749	0.003	0.645	0.22	1.894	NS	0.39	0.09	1.78	NS
	2010 to 2003					2.54	0.862	5.156	NS				NS
Specialty	PES to SPU	1.523	11.343		0.005	1.033	0.274	3.9	NS	7.10	0.81	62.37	NS
Gender	Male to Female	0.684	0.257	1.823	NS	0.28	0.083	0.94	0.039	3.44	0.46	25.73	NS
Age[2]	Young to Old	1.1	0.366	3.309	0.039	All "old" participants chose "parent"				4.68	0.32	68.30	NS
Experience[3]	Less to More	1.414	0.79	2.531	NS	1.345	0.597	3.026	0.475	0.31	0.07	1.45	NS
Practice Setting	Medical School or Hospital to Other	0.396	0.164	0.954	NS	1.017	0.217	4.765	0.983	1.79	0.23	14.07	NS

Abbreviations: CAH = Congenital Adrenal Hyperplasia, OR = Odds ratio; NS = Not Significant; PES = Pediatric Endocrine Society; SPU = Societies for Pediatric Urology

[1] 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)

[2] Median split was used to categorize participants into the younger and older age groups

[3] Median split of cases seen over respondent's career was used to categorize participants into the less and more experienced groups