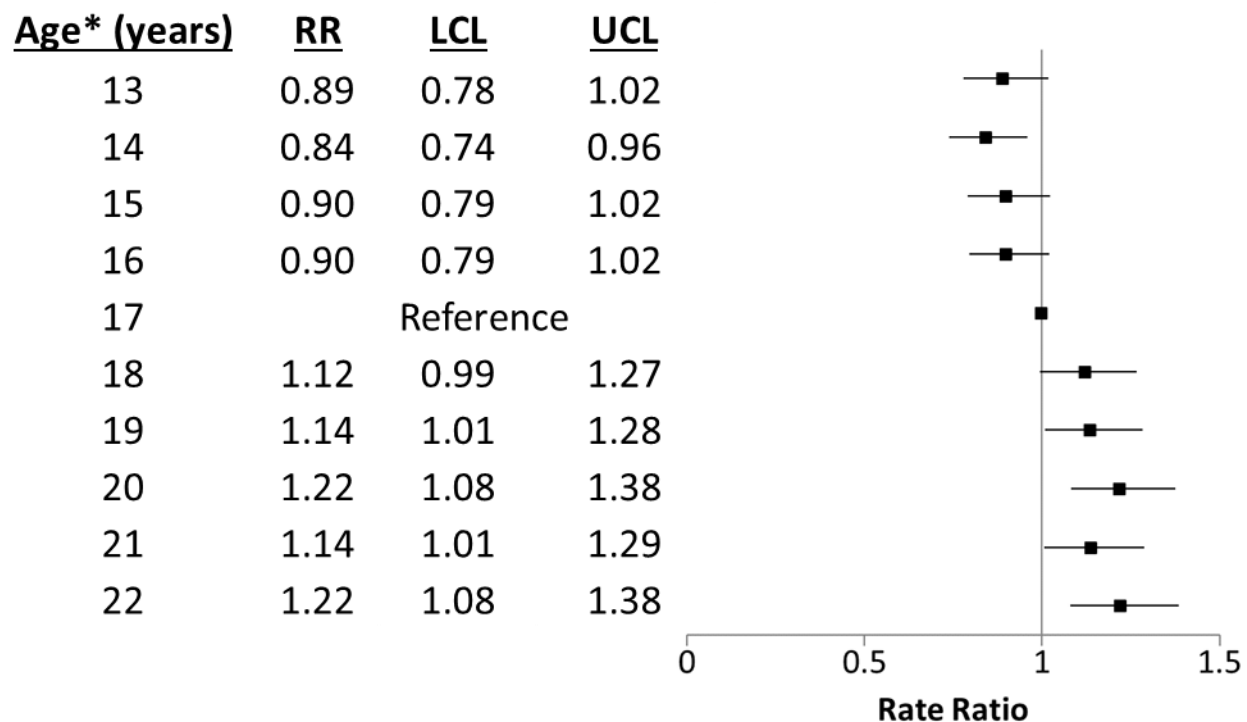


APPENDIX

Supplemental Figure 1. Checking the linearity assumption with a multilevel model with random intercepts and age as a fixed effect categorical variable and with age 17 as the reference point.



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Supplementary Table 1. Baseline characteristics codes					
	ICD-10	ICD-9	CCI	CCP	OHIP fee code or diagnosis code
Neuropathic bladder	N310, N311, N312, N318, N319	34461, 5965, 5968, 5969			
Neuropathic bowel/constipation	K59.00	5640, 5648, 5649			564
Hydrocephalus	G91, Q07, Q038-039	3313, 3314, 7423			742
Presence of ventriculoperitoneal shunt	T850, G972	V452			N245 Z801, N174A-C
VP Shunt complication	T85.0, G972	9962			N245 Z801, N245 Z801, N174A-C
Developmental delay	F80-F89, F70-79	3155, 3158, 3159, 316, 317, 3180, 3181, 3182, 319			315, 319
Mobility restraints	Z99.3	V538			
Pressure ulcers	L89	7070, 7078, 7079			707
Major urologic surgery					
Continent/incontinent diversion	V445	Mitrofanoff V44.52; vesicostomy 57.21; conduit 56.51, 56.71, 56.72	1PM77DAXXG 1PM89DAXXG 1PM89LAXXG 1PM90LAXXG 1PM90RDXXG 1PM91DAXXG 1PM91LAXXG 1PM92DAXXG 1PM92LAXXG	6914 6841 6862 6863	

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			1PM92RDXXG 1PG76RDXXG 1PM77EN 1PM77LA 1PM77LA 1PM77LA 1PM77LAXXA 1PM77LAXXG 1PM77RR 1PM89EN 1PM89EN 1PM89RR 1PM89RR 1PM91EN 1PM91EN 1PM91RR 1PM91RR 1PG77LA 1PG77LA 1PG77LAXXG		
Augmentation cystoplasty		57.87, 57.88	1PM79DAXXE 1PM79DAXXQ 1PM79ENXXG 1PM79LAXXE 1PM79LAXXG 1PM79LAXXL 1PM79LAXXP 1PM79LAXXQ 1PM79RDXXG		
Sphincterotomy/Urethrotomy		57.91	6991 1PL50BTGX 1PQ50BA 1PQ50BA		

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			1PQ50BA 1PQ50BA 1PQ50BA 1PQ50BA 1PQ50BTBP 1PQ50CA 1PQ50CA 1PQ50CA 1PQ50CA 1PQ50CA 1PQ50CA		
Intravesical botox injection			1PM35BAL7 1PM35HAL7 1QT35BAL7 1QT35HAL7 1PL35BAL7 1PL35HAL7		

CCI: Canadian Classification of Health Interventions; CCP: Canadian Classification of Diagnostic, Therapeutic, and Surgical Procedures; ICD-9: International Classification of Disease, 9th Revision; ICD-10: International Classification of Disease, 10th Revision; OHIP: Ontario Health Insurance Plan.