

Hodhod et al. Bladder bowel dysfunction scoring system (BBDSS): A novel, illustrated questionnaire for evaluation of voiding dysfunction in children

APPENDIX

Supplementary Table 1. Demonstrates various pediatric-validated questionnaires that evaluate OAB/BBD					
Questionnaire	Sample size	Number of questions	Internal consistency	AUC	Cutoff value
DDVS (2000) ¹	158	10 (7 for bladder and 2 for bowel)	----	0.911 for girls, 0.697 for boys	6.026 for girls, 9.02 for boys
DVISS (2005) ³	342	14 (13 for bladder and 1 for bowel)	----	0.962	8.5
Incontinence symptom index (2007) ²	38	11 (all for bladder)	0.84	---	----
Vancouver scale (2009) ⁴	112	14 (10 for bladder and 3 for bowel)	0.445	0.903	11
ICIQ-CLUTS (2010) ¹¹	345	12 (9 for bladder and 1 for bowel)	0.719	0.89	14 for child and 13 for parent versions
CBBDQ (2017) ¹⁶	1229	18 (10 for bladder and 8 for bowel)	0.74 for bladder, 0.71 for bowel	----	-----
Iowa questionnaire (2019) ¹⁵	1262	18 (11 for bladder and 6 for bowel)	0.8	0.935	----
Our questionnaire (BBDSS)	92	12 (7 for bladder and 5 for bowel)	0.73 for bladder and 0.57 for bowel	0.98	6

AUC: Area under the curve; BBDSS: bladder bowel dysfunction scoring system; CBBDQ: Childhood Bladder and Dowel Dysfunction Questionnaire; DVSS: dysfunctional voiding scoring system; DVISS: dysfunctional voiding and incontinence scoring system; ICIQ-CLUTS: International Consultation on Incontinence Questionnaire-pediatric lower urinary tract symptoms. For references, refer to full-text paper.