

Supplementary Table 4. Item distributions at baseline (T1) and follow-up (T2)

Timepoint and Item label	Not at all	A little	Quite a bit	Very much
T1 EORTC QLQ ANL27 1.0: Have you had leakage of stools or mucus from your anal opening (back passage)?	159 (41.8%)	139 (36.6%)	61 (16.1%)	21 (5.5%)
T1 EORTC QLQ ANL27 1.0: Have you experienced frequent bowel movements?	117 (31.2%)	123 (32.8%)	98 (26.1%)	37 (9.9%)
T1 EORTC QLQ ANL27 1.0: Have your bowel movements been painful?	201 (53.2%)	115 (30.4%)	39 (10.3%)	23 (6.1%)
T1 EORTC QLQ ANL27 1.0: Have you had pain/discomfort around your anal opening (back passage)?	143 (37.9%)	140 (37.1%)	53 (14.1%)	41 (10.9%)
T1 EORTC QLQ ANL27 1.0: Have you had pain while sitting?	218 (57.8%)	91 (24.1%)	39 (10.3%)	29 (7.7%)
T1 EORTC QLQ ANL27 1.0: Have you been uncomfortable in certain positions (e.g., lying down)?	235 (62.3%)	82 (21.8%)	41 (10.9%)	19 (5%)
T1 EORTC QLQ ANL27 1.0: Have you had soreness in the areas that have been treated?	174 (46.2%)	112 (29.7%)	52 (13.8%)	39 (10.3%)
T1 EORTC QLQ ANL27 1.0: Have you had itchy or irritated skin in the areas that have been treated?	168 (44.6%)	117 (31%)	53 (14.1%)	39 (10.3%)
T1 EORTC QLQ ANL27 1.0: Have you had to urinate frequently?	157 (41.4%)	113 (29.8%)	77 (20.3%)	32 (8.4%)
T1 EORTC QLQ ANL27 1.0: Have you had swelling in your legs or ankles?	277 (72.9%)	61 (16.1%)	31 (8.2%)	11 (2.9%)
T1 EORTC QLQ ANL27 1.0: Have you had problems going out of the house because you needed to be close to a toilet?	203 (53.4%)	102 (26.8%)	43 (11.3%)	32 (8.4%)
T1 EORTC QLQ ANL27 1.0: Have you had to clean yourself more often?	164 (43.2%)	107 (28.2%)	67 (17.6%)	42 (11.1%)
T1 EORTC QLQ ANL27 1.0: Have you had problems planning activities in advance (e.g., meeting friends)?	207 (54.6%)	86 (22.7%)	42 (11.1%)	44 (11.6%)
T1 EORTC QLQ ANL27 1.0: Have you had problems with gas (flatulence)?	77 (24.3%)	132 (41.6%)	75 (23.7%)	33 (10.4%)
T1 EORTC QLQ ANL27 1.0: When you felt the urge to move your bowels, did you have to hurry to get to the toilet?	63 (19.9%)	110 (34.7%)	86 (27.1%)	58 (18.3%)

Timepoint and Item label	Not at all	A little	Quite a bit	Very much
T1 EORTC QLQ ANL27 1.0: Have you had the feeling of being unable to completely empty your bowels?	121 (38.2%)	104 (32.8%)	53 (16.7%)	39 (12.3%)
T1 EORTC QLQ ANL27 1.0: Have you had sore skin around your stoma?	20 (47.6%)	14 (33.3%)	4 (9.5%)	4 (9.5%)
T1 EORTC QLQ ANL27 1.0: Have you had leakage of stools from your stoma bag?	28 (66.7%)	9 (21.4%)	3 (7.1%)	2 (4.8%)
T1 EORTC QLQ ANL27 1.0: Have you had unintentional release of gas/flatulence from your stoma bag?	19 (45.2%)	16 (38.1%)	4 (9.5%)	3 (7.1%)
T1 EORTC QLQ ANL27 1.0: Have you been sexually active?	261 (70.9%)	82 (22.3%)	22 (6%)	3 (0.8%)
T1 EORTC QLQ ANL27 1.0: To what extent have you been interested in sex?	208 (57.5%)	94 (26%)	49 (13.5%)	11 (3%)
T1 EORTC QLQ ANL27 1.0: Has the disease or treatment affected your sex life (for the worse)?	155 (44.2%)	49 (14%)	56 (16%)	91 (25.9%)
T1 EORTC QLQ ANL27 1.0: Have you had pain during intercourse?	240 (77.4%)	27 (8.7%)	17 (5.5%)	26 (8.4%)
T1 EORTC QLQ ANL27 1.0: Have you had difficulty getting or maintaining an erection?	27 (27%)	34 (34%)	13 (13%)	26 (26%)
T1 EORTC QLQ ANL27 1.0: Has your vagina felt dry?	121 (50.2%)	67 (27.8%)	22 (9.1%)	31 (12.9%)
T1 EORTC QLQ ANL27 1.0: Has your vagina felt narrow/tight?	137 (57.1%)	43 (17.9%)	24 (10%)	36 (15%)
T1 EORTC QLQ ANL27 1.0: Has your vagina been painful?	148 (60.7%)	48 (19.7%)	21 (8.6%)	27 (11.1%)
Timepoint and Item label	Not at all	A little	Quite a bit	Very much
T2 EORTC QLQ ANL27 1.0: Have you had leakage of stools or mucus from your anal opening (back passage)?	47 (34.8%)	52 (38.5%)	22 (16.3%)	14 (10.4%)
T2 EORTC QLQ ANL27 1.0: Have you experienced frequent bowel movements?	35 (26.1%)	40 (29.9%)	46 (34.3%)	13 (9.7%)
T2 EORTC QLQ ANL27 1.0: Have your bowel movements been painful?	64 (47.4%)	30 (22.2%)	22 (16.3%)	19 (14.1%)
T2 EORTC QLQ ANL27 1.0: Have you had pain/discomfort around your anal opening (back passage)?	42 (31.1%)	36 (26.7%)	32 (23.7%)	25 (18.5%)

Timepoint and Item label	Not at all	A little	Quite a bit	Very much
T2 EORTC QLQ ANL27 1.0: Have you had pain while sitting?	65 (48.1%)	22 (16.3%)	29 (21.5%)	19 (14.1%)
T2 EORTC QLQ ANL27 1.0: Have you been uncomfortable in certain positions (e.g. lying down)?	67 (49.6%)	33 (24.4%)	26 (19.3%)	9 (6.7%)
T2 EORTC QLQ ANL27 1.0: Have you had soreness in the areas that have been treated?	44 (32.6%)	31 (23%)	30 (22.2%)	30 (22.2%)
T2 EORTC QLQ ANL27 1.0: Have you had itchy or irritated skin in the areas that have been treated?	43 (31.9%)	34 (25.2%)	28 (20.7%)	30 (22.2%)
T2 EORTC QLQ ANL27 1.0: Have you had to urinate frequently?	42 (31.1%)	43 (31.9%)	31 (23%)	19 (14.1%)
T2 EORTC QLQ ANL27 1.0: Have you had swelling in your legs or ankles?	103 (76.3%)	21 (15.6%)	8 (5.9%)	3 (2.2%)
T2 EORTC QLQ ANL27 1.0: Have you had problems going out of the house because you needed to be close to a toilet?	61 (45.2%)	40 (29.6%)	21 (15.6%)	13 (9.6%)
T2 EORTC QLQ ANL27 1.0: Have you had to clean yourself more often?	36 (26.7%)	48 (35.6%)	35 (25.9%)	16 (11.9%)
T2 EORTC QLQ ANL27 1.0: Have you had problems planning activities in advance (e.g. meeting friends)?	61 (45.2%)	26 (19.3%)	25 (18.5%)	23 (17%)
T2 EORTC QLQ ANL27 1.0: Have you had problems with gas (flatulence)?	29 (25.2%)	50 (43.5%)	27 (23.5%)	9 (7.8%)
T2 EORTC QLQ ANL27 1.0: When you felt the urge to move your bowels, did you have to hurry to get to the toilet?	15 (13%)	40 (34.8%)	36 (31.3%)	24 (20.9%)
T2 EORTC QLQ ANL27 1.0: Have you had the feeling of being unable to completely empty your bowels?	37 (32.5%)	38 (33.3%)	29 (25.4%)	10 (8.8%)
T2 EORTC QLQ ANL27 1.0: Have you had sore skin around your stoma?	8 (61.5%)	4 (30.8%)	0 (0%)	1 (7.7%)
T2 EORTC QLQ ANL27 1.0: Have you had leakage of stools from your stoma bag?	9 (69.2%)	3 (23.1%)	0 (0%)	1 (7.7%)
T2 EORTC QLQ ANL27 1.0: Have you had unintentional release of gas/flatulence from your stoma bag?	5 (38.5%)	3 (23.1%)	3 (23.1%)	2 (15.4%)
T2 EORTC QLQ ANL27 1.0: Have you been sexually active?	96 (73.3%)	29 (22.1%)	5 (3.8%)	1 (0.8%)

Timepoint and Item label	Not at all	A little	Quite a bit	Very much
T2 EORTC QLQ ANL27 1.0: To what extent have you been interested in sex?	80 (63%)	33 (26%)	12 (9.4%)	2 (1.6%)
T2 EORTC QLQ ANL27 1.0: Has the disease or treatment affected your sex life (for the worse)?	52 (43%)	19 (15.7%)	25 (20.7%)	25 (20.7%)
T2 EORTC QLQ ANL27 1.0: Have you had pain during intercourse?	84 (76.4%)	13 (11.8%)	5 (4.5%)	8 (7.3%)
T2 EORTC QLQ ANL27 1.0: Have you had difficulty getting or maintaining an erection?	7 (20%)	12 (34.3%)	3 (8.6%)	13 (37.1%)
T2 EORTC QLQ ANL27 1.0: Has your vagina felt dry?	40 (47.1%)	20 (23.5%)	13 (15.3%)	12 (14.1%)
T2 EORTC QLQ ANL27 1.0: Has your vagina felt narrow/tight?	43 (50.6%)	14 (16.5%)	12 (14.1%)	16 (18.8%)
T2 EORTC QLQ ANL27 1.0: Has your vagina been painful?	45 (52.3%)	17 (19.8%)	13 (15.1%)	11 (12.8%)