

**Table S1** Longitudinal comparison: mean values of HADS-D subscales (all questionnaires)

Score	P1	P2	P3	P1–P2	P2–P3
	MV ± SD	MV ± SD	MV ± SD	P-value	P-value
Anxiety (N)	(93)	(52)	(29)		
MV ± SD	7.11 ± 3.32	6.96 ± 3.88	8.00 ± 4.57	0.679	0.046
median (min – max)	7 (0 - 15)	6 (0 - 19)	7 (1 - 17)		
Depression (N)	(94)	(53)	(29)		
MV ± SD	8.94 ± 4.63	8.98 ± 4.64	10.90 ± 5.43	0.790	0.003
Median (min– max)	9 (0 – 21)	9 (1 – 21)	10 (1 - 21)		
Global score (N)	(93)	(52)	(29)		
MV ± SD	16.03 ± 6.64	15.92 ± 7.67	18.90 ± 9.66	0.950	0.005
Median (min– max)	16 (3 – 34)	16 (3 – 37)	17 (2 – 38)		

**Table S2** Symptom burden at each time point

Score	P1	P2	P3
Anxiety ≥ 11 – no. (%)	14 (15.1%)	9 (17.3%)	9 (31.0%)
Depression ≥ 11 – no. (%)	31 (33.0%)	18 (34.0%)	13 (44.8%)
Anxiety or depression ≥ 11 – no. (%)	34 (36.2%)	21 (39.6%)	13 (44.8%)
Anxiety ≥ 8 – no. (%)	38 (40.9%)	19 (36.5%)	13 (44.8%)
Depression ≥ 8 – no. (%)	56 (59.6%)	34 (64.2%)	21 (72.4%)
Anxiety or depression ≥ 8 – no. (%)	65 (69.1%)	36 (67.9%)	21 (72.4%)

**Table S3** HADS-D depression scale according to cancer type

Cancer localization	Number (N)	Depression score at admission to PCU (MV ± SD)
Head-neck-cancer	10	6.00 ± 2.87
Hematological cancer	14	6.57 ± 4.82
Gastrointestinal cancer	15	9.93 ± 4.43
Urogenital cancer	17	10.06 ± 5.33

**Table S4** HADS-D scores depending on the length of stay in the PCU

Score	P1	P2	P3	P1–P2	P2–P3
	MV ± SD	MV ± SD	MV ± SD	P-value	P-value
Anxiety					
PCU ≤ 7	7.42 ± 3.17	6.57 ± 2.50	9.44 ± 4.50	0.277	0.059
PCU > 7	6.74 ± 3.48	7.28 ± 4.72	6.23 ± 4.15	0.688	0.372
P-value	0.310	0.956	0.059		
Depression					
PCU ≤ 7	8.90 ± 3.96	10.21 ± 3.82	12.81 ± 4.40	0.443	0.047
PCU > 7	8.98 ± 5.33	7.97 ± 5.05	8.54 ± 5.80	0.805	0.023
P-value	0.936	0.079	0.032		
Global score					
PCU ≤ 7	16.32 ± 5.97	16.78 ± 5.69	22.25 ± 8.59	0.867	0.033
PCU > 7	15.70 ± 7.40	15.24 ± 8.98	14.77 ± 9.53	0.959	0.090
P-value	0.655	0.477	0.038		

≤ length of stay one week or less PCU (P1: N = 50. P2: N = 35. P3: N = 18); > length of stay more than one week PCU (P1: N = 43. P2: N = 29. P3: N = 13)

**Table S5** HADS-D scores depending on age

Score	P1	P2	P3	P1–P2	P2–P3
	MV ± SD	MV ± SD	MV ± SD	P-value	P-value
Anxiety					
≤ 65	7.63 ± 3.28	7.68 ± 3.42	7.82 ± 4.58	0.429	0.865
> 65	6.75 ± 3.32	6.55 ± 4.12	8.11 ± 4.69	0.929	0.021
P-value	0.223	0.227	0.870		
Depression					
≤ 65	8.24 ± 4.68	8.85 ± 4.48	9.91 ± 6.46	0.593	0.169
> 65	9.41 ± 4.57	9.06 ± 4.80	11.50 ± 4.79	0.969	0.010
P-value	0.232	0.874	0.454		
Global score					
≤ 65	15.87 ± 6.56	16.47 ± 7.37	17.73 ± 10.77	0.884	0.556
> 65	16.15 ± 6.75	15.61 ± 7.94	19.61 ± 9.17	0.892	0.004
P-value	0.844	0.693	0.619		

≤ 65 years or younger (P1: N = 38. P2: N = 19. P3: N = 11); > older than 65 years (P1: N = 55. P2: N = 33. P3: N = 18)

**Table S6** HADS-D scores depending on ECOG performance status

Score	P1	P2	P3	P1–P2	P2–P3
	MV ± SD	MV ± SD	MV ± SD	P-value	P-value
Anxiety					
ECOG 1-2	6.41 ± 3.00	6.38 ± 3.29	7.27 ± 4.41	0.526	0.473
ECOG 3-4	7.48 ± 3.43	7.35 ± 4.24	8.44 ± 4.73	0.241	0.047
P-value	0.130	0.547	0.513		
Depression					
ECOG 1-2	8.53 ± 4.95	9.09 ± 4.59	9.00 ± 4.54	0.853	0.276
ECOG 3-4	9.15 ± 4.48	8.90 ± 4.74	12.06 ± 5.71	0.578	0.006
P-value	0.545	0.886	0.144		
Global score					
ECOG 1-2	14.94 ± 6.96	15.43 ± 6.93	16.27 ± 8.74	0.890	0.208
ECOG 3-4	16.61 ± 6.45	16.26 ± 8.23	20.50 ± 10.08	0.809	0.011
P-value	0.251	0.706	0.260		

ECOG 1 or 2 (P1: N = 32. P2: N = 21. P3: N = 11); ECOG 3 or 4 (P1: N = 61. P2: N = 31. P3: N = 18)