

Table 1: Characteristics of the study sample stratified by level of FCR

	Total N= 73	Low FCR N= 28	High FCR N= 45	P-value
	n (%) ^a	n (%) ^b	n (%) ^c	
Gender				0.12
Male	36 (49%)	17 (61%)	19 (42%)	
Female	37 (51%)	11 (39%)	26 (58%)	
Age at diagnosis (yrs)	27.4 (4.6)	26.3 (4.9)	28.0 (4.4)	0.12
Time since cancer diagnosis (yrs)	1.9 (2.6)	1.9 (3.6)	1.9 (1.9)	0.94
Tumour type				0.53
Testicular cancer	25 (34%)	13 (46%)	12 (27%)	
Breast cancer	11 (15%)	2 (7%)	9 (20%)	
Sarcoma	9 (12%)	4 (14%)	5 (11%)	
Lymphoma	8 (11%)	2 (7%)	6 (13%)	
Gynecological	7 (10%)	3 (11%)	4 (9%)	
Melanoma	2 (3%)	0 (0%)	2 (4%)	
Leukemia	2 (3%)	1 (4%)	1 (2%)	
Other	9(12%)	3 (11%)	6 (13%)	
Stage				0.15
NA	8 (11%)	5 (18%)	3 (7%)	
Stage 1	12 (16%)	3 (11%)	9 (20%)	
Stage 2	23 (32%)	11 (39%)	12 (27%)	
Stage 3	11 (15%)	1 (4%)	10 (22%)	
Stage 4	13 (18%)	5 (18%)	8 (18%)	
Unknown	6 (8%)	3 (11%)	3 (7%)	
Treatment status				0.69
On	17 (24%)	6 (21%)	11 (26%)	
Off	54 (76%)	22 (79%)	32 (74%)	
Treatment type (yes)				
Surgery	61 (84%)	24 (86%)	37 (82%)	0.70
Chemotherapy	63 (86%)	25 (89%)	38 (84%)	0.56
Radiotherapy	20 (27%)	5 (18%)	15 (33%)	0.15
Immunotherapy	9 (12%)	0 (0%)	9 (20%)	0.01
Hormonal therapy	6 (8%)	1 (4%)	5 (11%)	0.25
Partner				0.51
Yes	52 (72%)	19 (68%)	33 (75%)	
No	20 (28%)	9 (32%)	11 (25%)	
Children				0.49
Yes	24 (33%)	8 (29%)	16 (36%)	
No	48 (67%)	20 (71%)	28 (64%)	
Living situation				0.13
With parents	12 (17%)	7 (25%)	5 (11%)	
On own	19 (26%)	9 (32%)	10 (23%)	
With partner	41 (57%)	12 (43%)	29 (66%)	
Highest completed education				0.58
Low	1 (1%)	0 (0%)	1 (2%)	
Intermediate	32 (44%)	14 (50%)	18 (41%)	
High	39 (54%)	14 (50%)	25 (57%)	
Employed or studying				0.91
Yes	63 (86%)	24 (86%)	39 (87%)	
No	10 (14%)	4 (14%)	6 (13%)	

NA= not applicable a= % of total participants; b=% of patients with low FCR; c=% of patients with high FCR

Table 2: Comparison of FCR levels as assessed with the CWS between AYA patients and mixed aged cancer patient samples

Author, Year	Sample characteristics (n, cancer type, stages (localized, metastatic, mixed))	Age	Treatment status	Mean CWS (SD)	Results of tests comparing means with present sample	% scoring above diagnostic cut-off (≥14)	Results of tests comparing % above cut-off with present sample
Custers, 2014 [17]	N=194 patients with breast cancer treated with curative intents and disease-free at time study	Age at time of study: 57.0 (SD, 10.2) years (range, 30-88 years)	Completed hospital-based treatments Time since diagnosis (years): Mean 4.2, Range 1-11; SD2.3	13.4 (3.9)	t=2.78 mean difference=1.49 p=0.007 95%CI:0.42-2.56	31%	Difference=31% (95% CI = 19%-45%) X ² =22.81; p<0.001
Custers 2016 [19]	N=76 patients with colorectal cancer treated with curative intents and disease-free at time study	Age at time of study: Median 67.3; range=41-88	Treatment status not reported Time since diagnosis: 1.3-9.2 years post surgery	12.5 (4.0)	t=4.46 mean difference=2.39 P=0.002 95%CI:1.32-3.46	38%	Difference=24% (95% CI = 9%-41%) X ² =9.20; p=0.002
Custers 2016 [20]	N=54 patients with localized or metastatic gastrointestinal stromal tumours	Age at time of study: Median 63.3; range 21 – 84	61% receiving active TKI treatment Time since diagnosis (years): Median 3.9; range 0.5–17	14.5 (5.2)	t=0.728 mean difference=0.39 p=0.47 95%CI:-0.68-1.46	52%	Difference=10% (95% CI = -6%-28%) X ² =1.59; p=0.21
Van de	N=283 patients	Age at time of	Completed all	12.0 (3.7)	t=5.39	36%	Difference=27%

Wal, 2016 [18]	with localized prostate cancer treated with curative intent	study: Median 70.0 (range 54–89)	hospital-based treatments Time since diagnosis(years): Median 7.9; range 0.9–20		mean difference=2.89 p<0.001 95%CI:1.82-3.96		(95% CI = 15%-39%) X ² =17.38; p<0.001
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CI= confidence interval; X²=Chi-square

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Table 3: HRQoL and psychological distress scores according to level of FCR

	Total N=73	Low FCR N=28	High FCR N=45	T-value	P-value
Quality of Life for Cancer Survivors					
Physical functioning	7.5 (1.6)	7.8 (1.7)	7.4 (1.4)	1.1	0.28
Psychological functioning	5.8 (1.5)	6.8 (1.1)	5.1 (1.4)	5.1	<0.01 ^a
Social functioning	5.2 (1.4)	5.9 (1.4)	4.8 (1.2)	3.6	<0.01 ^a
Religious functioning	3.9 (1.2)	4.1 (1.3)	3.7 (1.3)	1.3	0.20
Total	5.7 (1.1)	6.3 (1.0)	5.3 (1.0)	4.5	<0.01 ^a
HADS					
Anxiety	6.3 (3.9)	4.4 (3.0)	7.5 (3.9)	-3.5	<0.01 ^a
Depression	4.1 (3.5)	3.2 (3.3)	4.7 (3.5)	-1.8	0.08
Total psychological distress	10.4 (6.6)	7.6 (5.7)	12.2 (6.6)	-3.0	<0.01 ^a

^aClinically relevant difference