

Appendix 3 Table 1 Characteristics of the included studies

Nr	study	Country	Cancer-type	Main-cancer (in mixed studies)	Time period	Treatment arm 1	Treatment arm 2	Sample size arm 1	Treatment arm 2	Sample size arm 2	Treatment arm 3	Sample Size arm 3
[1]	Adamsen 2009	Denmark	Mixed	Breast	During	EORTC-Fatigue	Control	134 (117)	Combined	135 (118)		
[2]	Ahles 1999	USA	HSCT		During	NRS	Control	18 (17)	Massage	16 (16)		
[3]	Al-Majid 2015	USA	Breast		During	Revised Piper Fatigue Scale	Control	7 (7)	Aerobic	7 (7)		
[4]	Alibhai 2014	Canada	AML		After	FACT-F	Control	18 (17)	Combined	22 (19)		
[5]	Alibhai 2015	Canada	AML		During	FACT-F	Control	24 (20)	Combined	59 (50)		
[6]	Andersen 2013	Denmark	Mixed	Breast	During	FACT-AN Fatigue Subscore	Control	134 (107)	Combined	135 (106)		
[7]	Armes 2007	UK	Mixed	Colon	During	VAS-F	Control	27 (22)	CBT_PsychoSocial	28 (22)		
[8]	Backman 2014	Sweden	Mixed	Breast	During	EORTC QLQC30 Fatigue	Control	36 (33)	Aerobic	35 (34)		
[9]	Badger 2011	USA	Prostate		After	MFI	Control	35 (34)	CBT_PsychoSocial	36 (34)		
[10]	Baker 2012	UK	Breast		During	POMS	Control	6 (6)	CBT_PsychoSocial	6 (6)		
[11]	Banasik 2011	USA	Breast	Breast	After	Fatigue Score	Control	9 (7)	Yoga	9 (7)		
[12]	Bantum 2014	USA	Mixed	Breast	After	BFI	Control	176 (156)	CBT_PsychoSocial	176 (147)		
[13]	Bargi 2016	Turkey	HSCT		After	FIS	Control	27 (18)	Inspiratory Muscle Training	28 (20)		
[14]	Barsevick 2004	USA	Mixed	Breast	During	POMS-F	Control	196 (196)	CBT_PsychoSocial	200 (200)		
[15]	Barsevick 2010	USA	Mixed		During	POMS-F	Control	139 (134)	CBT_PsychoSocial	153 (142)		
[16]	Basen-Enquist 2006	USA	Breast		After	SF-36-vitality	Control	25 (23)	CBT_PsychoSocial	35 (28)		
[17]	Battaglini 2006	USA	Breast		During	Piper	Control	10 (10)	Combined	10 (10)		
[18]	Baumann 2010	Germany	HSCT		During	EORTC QLQ-C30	Control	32 (25)	Combined	32 (24)		
[19]	Baumann 2011	Germany	HSCT		During	EORTC QLQ-C 30	Control	23 (16)	Combined	24 (17)		
[20]	Bennett 2007	New Zealand	Mixed	Breast	After	Schwartz Cancer Fatigue Scale	Control	28 (26)	CBT_PsychoSocial	28 (20)		
[21]	Berglund 1994	Sweden	Mixed	Breast	After	Physical Strength and Activity Subscale "Tiredness"	Control	101 (95)	Combined	98 (89)		
[22]	Boesen 2005	Denmark	Melanoma		After	POMS CHANGE	Control	131 (129)	CBT_PsychoSocial	131 (112)		
[23]	Bourke 2011 Feasibility	UK	Prostate		After	FACT-F	Control	25 (22)	Combined	25 (21)		
[24]	Bourke 2011 pilot	UK	Colorectal		After	FACT-F	Control	9 (9)	Combined	9 (8)		
[25]	Bourke 2014	UK	Mixed		After	FACT-F	Control	50 (43)	Combined	50 (43)		
[26]	Bower 2012	USA	Breast		After	SFI Fatigue Symptom Inventory	Control	15 (15)	Yoga	16 (16)		
[27]	Bower 2015	USA	Breast		After	FSI	Control	32 (30)	CBT_Psychosocial	39 (35)		
[28]	Bridge 1988	UK	Breast		During	POMS-Fatigue	Control	48 (46)	Relaxation	91 (82)		
[29]	Broderick 2013	Ireland	Mixed	Breast	After	FACIT-F	Control	20 (19)	Aerobic	23 (21)		
[30]	Brown 2006	USA	Mixed	Gastrointestinal	During	POMS-Fatigue	Control	58 (54)	CombinedCBT	57 (49)		
[31]	Burnham 2002	USA	Mixed	Breast	After	LASA Fatigue	Control	7 (6)	Aerobic	14 (12)		

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[32]	Cadmus 2009 Impact	USA	Breast		During	SF-36 vitality	Control	25 (25)	Aerobic	25 (25)		
[33]	Cadmus 2009 Yes	USA	Breast		After	SF-36 vitality	Control	38 (37)	Aerobic	37 (37)		
[34]	Caldwell 2009	USA	Breast		During	SCFS Fatigue	Control	10 (9)	Combined	12 (8)		
[35]	Campbell 2005	UK	Breast		During	Revised Piper Fatigue Scale	Control	10 (9)	Combined	12 (10)		
[36]	Campo 2013	USA	Mixed	Breast	After	SF-36 vitality	Control	31 (25)	TaiChi	32 (29)		
[37]	Campo 2014	USA	Prostate		After	FACIT-F	Relaxation	20 (13)	TaiChi	20 (16)		
[38]	Cantarero-Villanueva 2011	Spain	Breast		After	PFS	Control	40 (35)	Combined	38 (32)		
[39]	Cantarero-Villanueva 2013	Spain	Breast		After	Piper Fatigue Scale	Control	34 (29)	Aerobic	34 (32)		
[40]	Carson 2009	USA	Breast		After	Fatigue scale	Control	20 (17)	Yoga	16 (13)		
[41]	Cerulli 2014	Italy	Breast		After	FACIT-F	Control	10 (10)	Aerobic	10 (10)		
[42]	Chakrabarty 2014	India	Breast		During	Cancer Fatigue Scale	Control	80 (80)	Yoga	80 (80)		
[43]	Chan 2011	China	Lung		During	Piper Fatigue Scale	Control	70 (59)	CBT_PsychoSocial	70 (68)		
[44]	Chan 2016	Singapore	Breast		After	QLQ-C30 Fatigue	Control	43 (38)	CBT_Psychosocial	45 (34)		
[45]	Chandwani 2010	USA	Breast		During	BFI Fatigue	Control	31 (31)	Yoga	30 (27)		
[46]	Chandwani 2014	USA	Breast		During	Brief Fatigue Inventory	Control	54 (48)	Yoga	53 (49)	Relaxation	56 (52)
[47]	Chang 2008	China	AML		During	BFI	Control	12 (11)	Aerobic	12 (11)		
[48]	Chen 2011	China	Head and Neck		After	R-PFS	Control	? (28)	Aerobic	? (28)		
[49]	Chen 2013	China	Breast		During	BFI	Control	47 (47)	TaiChi	49 (49)		
[50]	Cheville 2013	USA	Mixed		After	FACT-F	Control	33 (29)	Combined	33 (26)		
[51]	Choi 2012	Korea	Gastrointestinal		During	Schwartz Fatigue Scale	Control	13 (13)	Aerobic	11 (11)		
[52]	Clark 2006	USA	Mixed	Head & Neck & Breast	During	POMS	Control	28 (21)	Music	35 (28)		
[53]	Classen 2001	USA	Breast		After	POMS	Control	61 (36)	CBT_PsychoSocial	64 (53)		
[54]	Cohen 2004	USA	Lymphoma		After	BFI	Control	19 (19)	Yoga	20 (20)		
[55]	Coleman 2012	USA	Multiple myeloma		During	FACT-F	Control	75 (61)	Combined	91 (80)		
[56]	Cormie 2013	Australia	Prostate		After	MFSI-SF	Control	10 (10)	Resistance	10 (10)		
[57]	Cormie 2015	Australia	Prostate		After	FACT-F	Control	31 (31)	Combined	32 (32)		
[58]	Cornette 2015	France	Breast		During	MFI-20	Control	22 (16)	Combined	22 (19)		
[59]	Courneya 2009	Canada	Lymphoma		During	FACIT-F	Control	62 (62)	Aerobic	60 (60)		
[60]	Courneya 2003a	Canada	Colorectal		During	FACT-F	Control	33 (31)	Aerobic	69 (62)		
[61]	Courneya 2003b	Canada	Breast		After	FACT-F	Control	28 (26)	Aerobic	25 (25)		
[62]	Courneya 2003c	Canada	Mixed	Breast	After	FACT-Fatigue	Control	48 (45)	Aerobic	60 (51)		
[63]	Courneya 2007	Canada	Breast		During	Fact Fatigue (AN)	Control	82 (73)	Resistance	82 (76)	Aerobic	78 (74)

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[64]	Courneya 2008	Canada	Solid tumours		During	Fact Fatigue (AN)	Control	29 (29)	Aerobic	26 (26)		
[65]	Cramer 2015	Germany	Breast		After	FACIT-F	Control	21 ()	Yoga	19 ()		
[66]	Cramer colorectal 2015	Germany	Colorectal		After	FACIT-F	Control	27 (27)	Yoga	27 (27)		
[67]	Culos-Reed 2006	Canada	Breast		After	Perceived exertion	Control	18 (18)	Yoga	20 (18)		
[68]	Culos-Reed 2010	Canada	Prostate		After	FSS	Control	47 (24)	Combined	53 (37)		
[69]	Daley 2007	UK	Breast		After	revised Piper Fatigue Scale	Control	38 (33)	Aerobic	34 (33)		
[70]	Danaher Hacker 2011	USA	HSCT		During	EORTC QLQ-C30 Fatigue	Control	10 (9)	Resistance	9 (8)		
[71]	Danhauer 2009	USA	Breast		After	FACT Fatigue	Control	22 (14)	Yoga	22 (13)		
[72]	De Luca 2016	Italy	Breast		After	FACT-F	Control	10 (10)	Combined	10 (10)		
[73]	Decker 1992	USA	Mixed	Breast	During	POMS Fatigue	Control	29 (29)	Relaxation	34 (34)		
[74]	Dhruva 2012	USA	Mixed	Breast	During	PFS	Control	23 (8)	Yoga	23 (8)		
[75]	Dibbel-Hope 1989	USA	Breast		After	POMS	Control	17 (16)	Dance	16 (15)		
[76]	Dimeo 1999	Germany	Mixed	Breast	During	POMS Fatigue	Control	33 (32)	Aerobic	29 (27)		
[77]	Dimeo 2004	Germany	Mixed	Lung	After	EORTC-QLQ Fatigue	Relaxation	36 (35)	Aerobic	36 (34)		
[78]	Do 2015	Korea	Breast		After	FSS	Control	106 (30)	Combined	106 (32)		
[79]	Dodd 2010	USA	Mixed		During	Piper Fatigue Scale	Control	39 (37)	Aerobic	44 (37)		
[80]	Dodds 2016	USA	Breast		After	SF-12 vitality	Control	17 (16)	CBT_PsychoSocial	16 (12)		
[81]	Dolbeault 2009	France	Breast		After	POMS-Fatigue	Control	101 (87)	CBT_PsychoSocial	102 (81)		
[82]	Donnelly 2011	Ireland	Gynaecological		After	MFSI-SF	Control	17 (17)	CombinedCBT	16 (16)		
[83]	Drouin 2005	USA	Breast		During	revised Piper Fatigue Scale	Control	8 (8)	Aerobic	13 (13)		
[84]	Eakin 2012	Australia	Breast		After	Eakin 2012	Control	70 (69)	Combined	73 (70)		
[85]	Edelman 1999	Australia	Breast		During	POMS Fatigue	Control	62 (49)	CBT_PsychoSocial	62 (43)		
[86]	Ergun 2013	Turkey	Breast		After	Brief Fatigue Inventory	Control	20 (20)	Aerobic	20 (20)	Combined	20 (20)
[87]	Eyigor 2010	Turkey	Breast		After	BFI	Control	25 (15)	Resistance	27 (27)		
[88]	Ferguson 2016	USA	Breast		After	FACT-F	Control	20 (13)	CBT_PsychoSocial	27 (22)		
[89]	Fillion 2008	Canada	Breast		After	MFI	Control	46 (43)	CombinedCBT	48 (44)		
[90]	Foster 2015	UK	Mixed		After	BFI	Control	78 (70)	CBT_PsychoSocial	85 (58)		
[91]	Freeman 2015	USA	Breast		After	FACIT-F	Control	47 (44)	CTB_PsychoSocial	71 (60)		
[92]	Fukui 2000	Japan	Breast		After	POMS Fatigue	Control	25 (25)	CBT_PsychoSocial	25 (25)		
[93]	Furzer 2015	Australia	Haematological		After	Schwartz Cancer Fatigue Scale	Control	22 (18)	Combined	22 (19)		
[94]	Galiano-Castill 2016	Spain	Breast		After	Piper Fatigue Scale	Control	41 (36)	Combined	40 (36)		
[95]	Galvao 2010	Australia	Prostate		After	QLQ-C30 Fatigue	Control	28 (28)	Combined	29 (29)		

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[96]	Galvao 2014	Australia	Prostate		After	SF36-Vitality	Aerobic	50 (50)	Combined	50 (50)		
[97]	Garssen 2013	Netherlands	Breast		During	POMS Fatigue	Control	43 (36)	CBT_PsychoSocial	42 (34)		
[98]	Gielissen 2006	Netherlands	Mixed		After	Checklist Individual Strength	Control	56 (48)	CBT_PsychoSocial	56 (50)		
[99]	Goedendorp 2010	Netherlands	Mixed	Breast	During	CIS-F	Control	81 (72)	Aerobic	77 (72)	CombinedCBT	82 (76)
[100]	Gokal 2015	UK	Breast		During	FACT-F	Control	25 (25)	Aerobic	25 (20)		
[101]	Goodwin 2001	Canada	Breast		During	POMS Fatigue CHANGE	Control	77 (45)	CBT_PsychoSocial	158 (102)		
[102]	Hacker 2016	USA	HSCT		During	Chalder Fatigue Scale	Control	38 (34)	Resistance	37 (33)		
[103]	Hagstrom 2016	Australia	Breast		After	FACIT	Control	19 (19)	Resistance	20 (20)		
[104]	Haines 2010	Australia	Breast		During	MFI 3month	Relaxation	43 (36)	Combined	46 (35)		
[105]	Hawkes 2013	Australia	Colorectal		After	FACIT-F	Control	205 (176)	CombinedCBT	205 (171)		
[106]	Hayama 2012	Japan	Gynaecological		During	Cancer Fatigue Scale	Control	13 (12)	Relaxation	12 (11)		
[107]	Hayes 2013	Australia	Breast		After	FACIT-F	Control	60 (60)	Combined	134 (134)		
[108]	Heim 2007	Germany	Breast		After	FACT-F	Control	31 (31)	Combined	32 (32)		
[109]	Heiney 2015	USA	Breast		During	POMS-SF	Control	93 (86)	Dance	92 (82)		
[110]	Ho 2016	China	Breast		During	BFI	Control	75 (70)	Dance	72 (69)		
[111]	Hoffman 2012	UK	Breast		After	POMS-Fatigue	Control	115 (111)	CBT_PsychoSocial	114 (103)		
[112]	Hoffman 2017	USA	Lung		During	BFI	Control	40 (35)	Aerobic	47 (37)		
[113]	Hojan 2016	Poland	Prostate		During	FACT-F	Control	28 (27)	Aerobic	27 (27)		
[114]	Hornsby 2014	USA	Breast		During	FACIT-F	Control	10 (10)	Aerobic	10 (9)		
[115]	Hu 2012	China	Nasopharyngeal		During	BFI	Control	? (40)	Aerobic	? (40)		
[116]	Hubbard 2016	UK	Bowel		After	FACIT-F	Control	20 (16)	CombinedCBT	20 (15)		
[117]	Husebo 2014	Norway	Breast		During	Schwartz Cancer Fatigue Sc.	Control	34 (31)	Combined	33 (29)		
[118]	Hwang 2008	Korea	Breast		During	BFI	Control	20 (20)	Combined	17 (17)		
[119]	Hwang 2012	China	Lung		During	EORTC-QLQ-C30	Control	12 (11)	Aerobic	12 (13)		
[120]	Inwin 2016	USA	Breast		After	FACT-F	Control	91 (83)	Combined	95 (81)		
[121]	Jacobsen 2002	USA	Breast		During	SF-36 Vitality CHANGE	CBT_PsychoSocial	137 (104)	Relaxation	274 (216)		
[122]	Jarden 2009	Denmark	HSCT		During	FACT-AN (Fatigue)	Control	21 (17)	CombinedCBT	21 (17)		
[123]	Jensen 2014	Germany	Gastrointestinal		After	EORTC-QLQ-C30 Fatigue	Resistance	11 (11)	Aerobic	10 (10)		
[124]	Johns 2014	USA	Breast		After	FSI Fatigue Severity	Control	17 (17)	CBT_PsychoSocial	18 (18)		
[125]	Johnston 2011	USA	Breast		After	BFI	Control	7 (7)	CBT_PsychoSocial	6 (5)		
[126]	Jones 2014	USA	Prostate		After	FACT-F	Control	25 (20)	Aerobic	25 (15)		
[127]	Korstjens 2008	Netherlands	Mixed		After	SF-36 Vitality	Control	62 (62)	Combined	71 (71)	CombinedCBT	76 (76)

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[128]	Kampshoff 2015	The Netherlands	Mixed		After	MFI	Control	91 (91)	Combined	186 (186)		
[129]	Kiecolt-Glaser 2014	USA	Breast		After	MFSI-SF Fatigue	Control	100 (90)	Yoga	100 (96)		
[130]	Kim 2005	Korea	HSCT		During	Piper Fatigue Scale	Control	17 (17)	Relaxation	18 (18)		
[131]	Kim 2010	Korea	Breast		After	SF-36 vitality	Control	20 (20)	Resistance	20 (20)		
[132]	Kim 2011	Korea	Breast		After	BFI	Control	22 (22)	CombinedCBT	23 (23)		
[133]	Kim 2013	Korea	Breast		During	Piper Fatigue Scale	Control	51 (51)	Relaxation	51 (51)		
[134]	Knols 2011	Switzerland	HSCT		After	FACT-AN	Control	67 (57)	Combined	64 (57)		
[135]	Kovacs 2012	Hungary	Breast		During	EORTC Fatigue	Control	87 (87)	CombinedCBT	86 (36)		
[136]	Kwiatkowski 2013	France	Breast		After	SF-36 vitality	Control	115 (108)	Combined	117 (114)		
[137]	Larkey 2015	USA	Breast		After	Fatigue Symptom Inventory	Control	52 (44)	TaiChi	49 (40)		
[138]	Lengacher 2012	USA	Breast		After	Fatigue Severity Scale	Control	43 (42)	CBT_PsychoSocial	41 (40)		
[139]	Lengacher 2016	USA	Breast		After	FSI	Control	155 (147)	CBT_Psychosocial	167 (152)		
[140]	Ligibel 2012	USA	Mixed	Breast	After	FACIT-F	Control	60 (51)	Aerobic	61 (48)		
[141]	Ligibel 2016	USA	Breast		During	FACIT-F	Control	53 (43)	Aerobic	48 (32)		
[142]	Litterini 2013	USA	Mixed	Breast	After	Fatigue VAS 100mm	Aerobic	32 (29)	Resistance	34 (23)		
[143]	Littman 2012	USA	Breast		After	FACIT-F	Control	31 (27)	Yoga	32 (30)		
[144]	Loh 2014	Kuala-Lumpur	Breast		After	FACIT-F	Control	66 (32)	Dance	65 (34)	TaiChi	66 (32)
[145]	Loudon 2014	Australia	Breast		After	VAS	Control	13 (11)	Yoga	15 (12)		
[146]	Lutgendorf 2010	USA	Gynaecological		During	FSI	Control	19 (17)	HealingTouch_Polarity	21 (17)	Relaxation	20 (17)
[147]	Lötzke 2016	Germany	Breast		During	EORTC QLQ-C30 Fatigue	Yoga	45 (43)	Combined	47 (46)		
[148]	May 2009	Netherlands	Mixed	Breast	After	EORTC-QLQ-30 Fatigue	CombinedCBT	76 (70)	Combined	71 (66)		
[149]	McKenzie 2003	Canada	Breast		After	Vitality	Control	7 (7)	Combined	7 (7)		
[150]	McNeely 2008	Canada	Head and Neck		After	FACT-An	Control	27 (27)	Resistance	25 (25)		
[151]	McQuade 2016	USA	Prostate		During	BFI	Control	24 (22)	TaiChi	26 (21)	Resistance (19)	26
[152]	Mehnert 2011	Germany	Breast		After	EORTC-Q	Control	28 (27)	Aerobic	35 (30)		
[153]	Midtgaard 2013	Denmark	Mixed	Breast	After	EORTC QLQ-C30	Control	106 (80)	CombinedCBT	108 (73)		
[154]	Miladina 2017	Iran	AML		During	NRS Fatigue	Control	31 (30)	Massage	33 (30)		
[155]	Milne 2008	Australia	Breast		After	Schwartz Cancer Fatigue Scale	Control	29 (29)	Combined	29 (29)		
[156]	Moadel 2007	USA	Breast		After	FACIT-F	Control	56 (44)	Yoga	108 (84)		
[157]	Mock 2005	USA	Breast		During	Piper Fatigue Scale	Control	59 (54)	Aerobic	60 (54)		
[158]	Molassiotis 2015	UK / Cyprus	Thoracic Malignancies		After	CRDQ-Fatigue	Control	23 (18)	Inspiratory Muscle Training	24 (18)		
[159]	Monga 2007	USA	Prostate		During	Piper Fatigue Scale	Control	10 (10)	Aerobic	11 (11)		

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[160]	Montgomery 2014	USA	Breast		During	FACIT-F	Control	100 (96)	CBT_PsychoSocial	100 (95)		
[161]	Moros 2010	Spain	Breast		During	EORTC-30	Control	11 (7)	Aerobic	11 (10)		
[162]	Mustian 2009	USA	Mixed	Breast	During	FACIT-F	Control	19 (19)	Combined	19 (19)		
[163]	Mustian 2011	USA	Breast		During	Brief Fatigue Inventory	Control	15 (15)	HealingTouch_Polarity	13 (13)	Massage	15 (15)
[164]	Mutrie 2007	UK	Breast		During	FACT-F	Control	102 (92)	Combined	101 (82)		
[165]	Naraphong 2014	Thailand	Breast		During	Piper Fatigue Scale	Control	12 (12)	Aerobic	11 (10)		
[166]	O'Brien 2013	Australia	Mixed	Breast	During	FACT-F	Control	15 (13)	CBT_PsychoSocial	15 (14)		
[167]	Oh 2008	Australia	Mixed		During	EORTC-30 Fatigue	Control	15 (10)	TaiChi	15 (8)		
[168]	Oh 2010	Australia	Mixed		After	FACT-F	Control	83 (83)	TaiChi	79 (79)		
[169]	Oldervoll 2011	Norway	Mixed		After	Multidimensional Fatigue Inventory	Control	110 (110)	Combined	121 (121)		
[170]	Pinto 2003	USA	Breast		After	POMS-Fatigue	Control	12 (6)	Aerobic	12 (12)		
[171]	Pinto 2005	USA	Breast		After	Linear analogue fatigue scale	Control	43 (41)	Aerobic	43 (43)		
[172]	Pinto 2013 Breast	USA	Breast		After	FACT-F	Control	86 (84)	Aerobic	106 (89)		
[173]	Pinto 2013	USA	Colorectal		After	FACT-F	Control	26 (24)	Aerobic	20 (19)		
[174]	Pinto 2015	USA	Breast		After	FACIT-F	Control	37 (37)	Aerobic	39 (39)		
[175]	Poorkiani 2010	Iran	Breast		After	EORTC QLQ-C30	Control	33 (30)	CombinedCBT	33 (27)		
[176]	Post-White 2003	USA	Mixed	Breast	During	POMS-Fatigue	Control	75 (45)	HealingTouch_Polarity	77 (56)	Massage	78 (62)
[177]	Prinsen 2013	Netherlands	Mixed		After	Checklist Individual Strength	Control	14 (14)	CombinedCBT	50 (23)		
[178]	Pruthi 2012	USA	Breast		During	Brief Fatigue Inventory	Control	15 (14)	Yoga	15 (14)		
[179]	Purcell 2011	Australia	Mixed	Breast & prostate	During	MFI	Control	28 (24)	CBT_PsychoSocial	27 (21)		
[180]	Rabin 2012	USA	Breast		After	POMS Fatigue	Control	10 (10)	Aerobic	8 (7)		
[181]	Rahmani 2015	Iran	Breast		During	Fatigue Severity Scale	Control	12 (12)	CombinedCBT	12 (12)		
[182]	Rauchfuß 2010	Germany	Breast		After	SF-8 Vitality	Control	36 (29)	Massage	50 (43)		
[183]	Ream 2006	UK	Mixed	Breast	During	Global measure of Fatigue	Control	55 (43)	CBT_PsychoSocial	48 (43)		
[184]	Ream 2015	UK	Breast	Colorectal	During	BFI	Control	21 (20)	CBT_Psychosocial	23 (18)		
[185]	Reich 2014	USA	Breast		After	MDASI Fatigue	Control	24 (24)	CBT_PsychoSocial	17 (17)		
[186]	Reif 2013	Germany	Mixed		After	Fatigue Assessment Questionnaire	Control	129 (114)	CBT_PsychoSocial	132 (120)		
[187]	Reis 2013	USA	Breast		During	FACIT-F	Control	19 (17)	Aerobic	22 (12)		
[188]	Rief 2014	Germany	Spinal Bone metastases		During	EORTC QLQ FA13	Control	30 (22)	Resistance	30 (25)		
[189]	Rogers 2009	USA	Breast		After	FACT-F	Control	20 (17)	Aerobic	21 (20)		
[190]	Rogers 2013	USA	Head and Neck		During	FACT-F	Control	8 (8)	Resistance	7 (7)		
[191]	Rogers 2014	USA	Breast		After	Fatigue Symptom Inventory	Control	24 (22)	Combined	22 (20)		

Nr	study	Country	Cancer-type	Main-cancer (in mixed studies)	Time period	Treatment arm 1	Treatment arm 2	Sample size arm 1	Treatment arm 2	Sample size arm 2	Treatment arm 3	Sample Size arm 3
[192]	Rogers 2016	USA	Breast		After	FSI	Control	112 (109)	Aerobic	110 (110)		
[193]	Saarto 2012	Finland	Breast		After	FACIT-F	Control	271 (237)	Aerobic	302 (263)		
[194]	Sadeghi 2016	Iran	Breast		After	CRF	Control	66 (66)	CBT_PsychoSocial	69 (69)		
[195]	Santa Mina 2013	Canada	Prostate		During	FACT-F	Aerobic	32 (32)	Resistance	34 (34)		
[196]	Schjolberg 2014	Norway	Breast		During	Fatigue Questionnaire	Control	81 (63)	CBT_PsychoSocial	79 (29)		
[197]	Schmidt 2012	Germany	Breast		After	EORTC QLQ C30	Control	19 (18)	Resistance	19 (15)		
[198]	Schmidt 2014	Germany	Breast		During	FAQ	Relaxation	49 (46)	Resistance	52 (49)		
[199]	Schuler 2017	Germany	Mixed	Sarcoma	During	MFI	Control	24 (20)	Combined	46 (36)		
[200]	Segal 2001	Canada	Breast		During	SF-36 vitality	Control	41 (41)	Aerobic	82 (82)		
[201]	Segal 2003	Canada	Prostate		After	FACT-F	Control	73 (73)	Resistance	82 (82)		
[202]	Segal 2009	Canada	Prostate		During	FACT-F	Control	41 (40)	Resistance	40 (34)	Aerobic	40 (38)
[203]	Shang 2012	USA	Mixed	Prostate	During	Piper Fatigue Scale	Control	58 (58)	Combined	68 (68)		
[204]	Sohl 2016	USA	Colorectal		During	FACT-F	Control	7 (5)	Yoga	8 (6)		
[205]	Spahn 2013	Germany	Breast		After	MFI	Aerobic	32 (25)	CombinedCBT	32 (30)		
[206]	Specia 2000	Canada	Mixed	Breast	During	POMS-Fatigue	Control	48 (37)	Relaxation	61 (53)		
[207]	Sprod 2010	USA	Breast		After	Piper Fatigue Inventory Total Score	Control	17 (17)	Combined	97 (97)		
[208]	Sprod 2012	USA	Breast		After	SF-36 vitality	Control	10 (10)	TaiChi	11 (9)		
[209]	Sprod 2015	USA	Mixed		After	MFSI	Control	204 (44)	Yoga	206 (53)		
[210]	Stan 2016	USA	Breast		After	MFSI-SF	Resistance	16 (9)	Yoga	18 (14)		
[211]	Stanton 2005	USA	Breast		After	SF-36 vitality	Control	187 (136)	CBT_PsychoSocial	361 (282)		
[212]	Steindorf 2014	Germany	Breast		During	FAQ	Relaxation	80 (78)	Resistance	80 (77)		
[213]	Sturm 2014	Germany	Mixed	Breast	During	NRS Fatigue	Control	20 (20)	Dance	20 (20)		
[214]	Taso 2014	Taiwan	Breast		During	BFI	Control	30 (30)	Yoga	30 (30)		
[215]	Thorsen 2005	Norway	Mixed	Breast	After	EORTC QLQ fatigue	Control	52 (49)	Aerobic	59 (52)		
[216]	Travier 2015	The Netherlands	Breast		During	MFI	Control	102 (89)	Combined	102 (93)		
[217]	Vadiraja 2009 after	India	Breast		After	EORCT-C30 Fatigue	Control	46 (31)	Yoga	45 (35)		
[218]	Vadiraja 2009 during	India	Breast		During	EORCT-C30 Fatigue	Control	33 (33)	Yoga	42 (42)		
[219]	Vallance 2007	Canada	Breast		After	Fatigue Scale	Control	93 (85)	Aerobic	284 (253)		
[220]	Van der Lee 2012	Netherlands	Mixed		After	Checklist Individual Strength	Control	28 (24)	CBT_PsychoSocial	72 (59)		
[221]	Van Vulpen 2016	Netherlands	Colorectal		During	MFI	Control	16 (13)	Combined	17 (15)		
[222]	Vargas 2014	USA	Breast		During	FSI	Control	120 (96)	CBT_PsychoSocial	120 (98)		
[223]	Wang 2011	USA	Breast		During	FACIT-F	Control	37 (32)	Aerobic	35 (30)		

Nr	study	Country	Cancer-type	Main-cancer (in mixed studies)	Time period	Treatment arm 1	Treatment arm 2	Sample size arm 1	Treatment arm 2	Sample size arm 2	Treatment arm 3	Sample Size arm 3
[224]	Wang 2014	China	Breast		During	Cancer fatigue scale (CFS)	Control	50(42)	Yoga	50(40)		
[225]	Wangnum 2013	Thailand	Lung		During	Piper Fatigue Scale	Control	30 (30)	CombinedCBT	30 (30)		
[226]	Wenzel 2013	USA	Solid tumours		During	Piper Fatigue Scale	Control	65 (58)	Aerobic	73 (68)		
[227]	Willems 2016	Netherlands	Mixed	Breast	After	CIS-F	Control	253 (221)	CBT_PsychoSocial	265 (188)		
[228]	Windsor 2004	UK	Prostate		During	BFI	Control	33 (33)	Aerobic	33 (32)		
[229]	Winters-Stone 2012	USA	Breast		After	Schwartz fatigue	Control	54 (31)	Resistance	52 (36)		
[230]	Winters-Stone 2015	USA	Prostate		After	Schwartz Cancer Fatigue Scale	Relaxation	22 (22)	Resistance	29 (29)		
[231]	Winters-Stone 2016	USA	Prostate		After	Vitality	Control	32 (32)	Resistance	32 (32)		
[232]	Wiskemann 2011	Germany	H SCT		During	MFI fatigue	Control	53 (40)	Combined	52 (40)		
[233]	Xu 2012	China	Breast		During	R-PFS	Control	39 (37)	Aerobic	39 (35)		
[234]	Yagli 2015	Turkey	Breast		After	NHP	Combined	10 (10)	Yoga	10 (10)		
[235]	Yates 2005	Australia	Breast		During	FACT-F	Control	57 (49)	CBT_PsychoSocial	53 (50)		
[236]	Yeo 2012	USA	Pancreas and Periampullary		During	FACIT-F	Control	48 (48)	Aerobic	54 (54)		
[237]	Yuen 2006	USA	Mixed		After	Piper Fatigue Scale	Control	6 (6)	CBT_PsychoSocial	6 (6)		
[238]	Yuen 2007	USA	Breast		After	Piper Fatigue Scale	Control	7 (7)	Aerobic	8 (8)	Resistance	7 (7)
[239]	Yun 2012	Korea	Mixed	Breast	After	BFI	Control	137 (137)	CBT_PsychoSocial	136 (136)		
[240]	Zhang 2016	China	Lung		During	MFSI-SF	Control	48 (44)	TaiChi	48 (47)		
[241]	dos Santos Vigario 2011	Brazil	Thyroid		During	Chalder Fatigue Scale	Control	17 (17)	Aerobic	19 (19)		
[242]	van Waart 2015	Netherlands	Breast		During	MFI Fatigue	Control	77 (66)	Aerobic	77 (69)	Combined	76 (71)
[243]	van Weert 2010	Netherlands	Mixed	Breast	After	MFI	Control	62 (60)	Combined	71 (66)	CombinedCBT	76 (70)
[244]	van der Meulen 2014	Netherlands	Head and Neck		After	EORTC QLQ-C30 Fatigue	Control	102 (91)	CBT_PsychoSocial	103 (88)		
[245]	von Gruenigen 2009	USA	Endometrial		After	FACT-F	Control	22 (22)	CombinedCBT	23 (23)		

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