

Supplementary Table 1: Reference list of selected publications of randomized controlled trials

Randomized controlled trial published during 8 years after the consensus report (from 2011 to 2018)			
No.	Publications	Cachectic status (sample size)	Study populations and interventions (1: cancer type, 2: intervention, 3: concurrent cancer treatment)
1.	Kouchaki B, <i>et.al.</i> Support Care Cancer. 2018; 26 (7):2479-2489.	Cachexia (90)	Gastrointestinal cancer Megestrol acetate + celecoxib vs megestrol acetate alone Not specified or combined
2.	Jatoi A, <i>et.al.</i> Ann Oncol. 2017; 28 (8):1957-1963.	Cachexia (263)	Mixed cancer Creatine vs placebo Not specified or combined
3.	Currow D, <i>et.al.</i> Ann Oncol. 2017; 28 (8):1949-1956.	Cachexia (513)	Non-small-cell lung cancer Anamorelin vs placebo Not specified or combined
4.	Werner K, <i>et.al.</i> Lipids Health Dis. 2017; 16 (1):104.	Cachexia (60)	Pancreatic cancer marine phospholipids vs fish oil Not specified or combined
5.	Kapoor N, <i>et.al.</i> Integr Cancer Ther. 2017; 16 (1):74-84.	Cachexia (63)	Adult female cancer Improved Atta + usual care vs usual care Palliative care alone
6.	Leedo E, <i>et.al.</i> Nutr Cancer. 2017; 69 (3):444-453.	Cachexia (40)	Lung cancer Home Delivery Meal Service of Energy- and Protein-Rich Meals vs usual care Not specified or combined
7.	Lin JX, <i>et.al.</i> Medicine (Baltimore). 2017; 96 (26):e7373.	Cachexia (110)	Colorectal cancer multidisciplinary team approach for nutritional interventions vs usual care Palliative chemotherapy
8.	Takayama K, <i>et.al.</i> Support Care Cancer. 2016; 24 (8):3495-505.	Cachexia (181)	Non-small-cell lung cancer Anamorelin vs placebo Palliative chemotherapy
9.	Temel JS, <i>et.al.</i> Lancet Oncol. 2016; 17 (4):519-531.	Cachexia (484)	Non-small-cell lung cancer Anamorelin vs placebo Not specified or combined
10.	Jatoi A, <i>et.al.</i> Support Care Cancer. 2016; 24 (9):3739-46.	Cachexia (141)	Mixed cancer white wine vs ONS Not specified or combined
11.	Focan C, <i>et.al.</i> Anticancer Res. 2015; 35 (11):6311-5.	Cachexia (53)	Mixed cancer Mindfulness alternating dietetic and psychological approaches vs usual care Not specified or combined
12.	De Waele E, <i>et.al.</i> Appetite. 2015; 91:298-301.	Cachexia (20)	Mixed cancer Tight Caloric Control (TiCaCo) vs usual care Not specified or combined
13.	Kanat O, <i>et.al.</i> Tumori. 2013; 99 (2):229-33.	Cachexia (62)	Mixed cancer 1) MA plus meloxicam; 2) MA plus meloxicam plus oral EPA-enriched nutritional supplement; or 3) meloxicam plus oral EPA-enriched nutritional supplement Not specified or combined
14.	Del Fabbro E, <i>et.al.</i> J Clin Oncol. 2013; 31 (10):1271-6.	Cachexia (48)	Lung or gastrointestinal cancer Melatonin vs placebo Not specified or combined
15.	Garcia JM, <i>et.al.</i> Support Care Cancer. 2013; 21 (1):129-37.	Cachexia (16)	Mixed cancer Anamorelin vs placebo Not specified or combined
16.	Yeh KY, <i>et.al.</i> Oral Surg Oral Med Oral Pathol Oral Radiol. 2013; 116 (1):41-8.	Cachexia (68)	Head and neck cancer Omega-3 fatty acid-, micronutrient-, and probiotic-enriched nutrition vs usual care Not specified or combined
17.	Uster A, <i>et.al.</i> Nutrition. 2013; 29 (11-12):1342-9.	Cachexia (58)	Mixed cancer Nutritional counseling vs usual care Not specified or combined
18.	Wen HS, <i>et.al.</i> Chemotherapy. 2012; 58 (6):461-7.	Cachexia (102)	Mixed cancer MA+thalidomide vs MA Not specified or combined
19.	Yennurajalingam S, <i>et.al.</i> J Palliat Med. 2012; 15 (10):1059-64.	Cachexia (31)	Mixed cancer Thalidomide vs placebo Palliative care alone
20.	Madeddu C, <i>et.al.</i> Clin Nutr. 2012; 31 (2):176-82.	Cachexia (60)	Mixed cancer carnitine+celecoxib±MA Not specified or combined

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21.	Macciò A, <i>et.al.</i> Gynecol Oncol. 2012; 124 (3):417-25.	Cachexia (104)	Gynecological tumors MA□L-carnitine, celecoxib, and antioxidants vs MA alone Not specified or combined
22.	Turcott JG, <i>et.al.</i> Support Care Cancer. 2018; 26 (9):3029-3038.	Pre-cachexia and cachexia (47)	Non-small-cell lung cancer Nabilone vs placebo Palliative chemotherapy
23.	Wright TJ, <i>et.al.</i> J Cachexia Sarcopenia Muscle. 2018; 9 (3):482-496.	Pre-cachexia and cachexia (28)	Mixed cancer Testosterone or placebo Not specified or combined
24.	Zi□tarska M, <i>et.al.</i> Nutrients. 2017; 9 (10).	Pre-cachexia and cachexia (114)	Colorectal cancer high protein ONS vs usual care Palliative chemotherapy
25.	Jeon JH, <i>et.al.</i> Integr Cancer Ther. 2017; 16 (1):118-125.	Pre-cachexia and cachexia (16)	metastatic cancer true vs sham moxibustion Palliative care alone
26.	Sukaraphat N, <i>et.al.</i> J Med Assoc Thai. 2016; 99 (12):1283-90.	Pre-cachexia and cachexia (50)	locally advanced unresectable or metastatic cancer dietary counseling vs usual care Palliative chemotherapy
27.	Cong MH, <i>et.al.</i> Chin Med J (Engl). 2015; 128 (22):3003-7.	Pre-cachexia and cachexia (50)	Esophageal cancer Interdisciplinary nutrition support vs usual care Radiotherapy±chemotherapy
28.	Dobs AS, <i>et.al.</i> Lancet Oncol. 2013; 14 (4):335-45.	Pre-cachexia and cachexia (159)	Mixed cancer Enobosarm vs placebo Palliative chemotherapy
29.	Finocchiaro C, <i>et.al.</i> Br J Nutr. 2012; 108 (2):327-33.	Pre-cachexia and cachexia (33)	Non-small-cell lung cancer n-3 fatty acids (EPA+DHA) vs placebo Palliative chemotherapy
30.	Baldwin C, <i>et.al.</i> J Hum Nutr Diet. 2011; 24 (5):431-40.	Pre-cachexia and cachexia (358)	Mixed cancer dietary advice, a nutritional supplement or dietary advice plus supplement vs usual care Palliative chemotherapy
31.	Golan T, <i>et.al.</i> J Cachexia Sarcopenia Muscle. 2018 Jul [ePub]	High risk for cachexia (125)	Pancreatic cancer Antimycostatin antibody (LY2495655) vs placebo Palliative chemotherapy
32.	Solis-Martínez O, <i>et.al.</i> Nutr Cancer. 2018;70 (4):663-670.	High risk for cachexia (32)	Head and neck cancer High-protein ONS with EPA vs ONS without EPA Not specified or combined
33.	Cereda E, <i>et.al.</i> Radiother Oncol. 2018; 126 (1):81-88.	High risk for cachexia (159)	Head and neck cancer ONS+Nutritional counseling vs Nutritional counseling Radiotherapy±chemotherapy
34.	Solheim TS, <i>et.al.</i> J Cachexia Sarcopenia Muscle. 2017; 8 (5):778-788.	High risk for cachexia (46)	Lung or pancreatic cancer (Pre-MENAC study) Multimodal intervention vs usual care Palliative chemotherapy
35.	Zdenkowski N, <i>et.al.</i> Support Care Cancer. 2017; 25 (6):1963-1971.	High risk for cachexia (80)	Pancreatic cancer (PICNIC trial) Pancreatic extract vs placebo. Not specified or combined
36.	Sandmael JA, <i>et.al.</i> Cancer. 2017; 123 (22):4440-4448.	High risk for cachexia (41)	Head and neck cancer Resistance training+ONS during vs after radiotherapy Radiotherapy±chemotherapy
37.	Hajdú SF, <i>et.al.</i> Acta Oncol. 2017; 56 (2):354-359.	High risk for cachexia (69)	Head and neck cancer Swallowing therapy and progressive resistance training vs usual care Radiotherapy±chemotherapy
38.	Roussel LM, <i>et.al.</i> Eur Arch Otorhinolaryngol. 2017; 274 (2):977-987.	High risk for cachexia (87)	Head and neck cancer Intensive nutritional care vs usual care Radiotherapy±chemotherapy
39.	Ishikawa T, <i>et.al.</i> Oncol Rep. 2016; 36 (2):1093-100.	High risk for cachexia (33)	Esophageal cancer Amino acid-rich elemental diet Elental® vs control Radiotherapy±chemotherapy
40.	Kiss N, <i>et.al.</i> Nutr Cancer. 2016; 68 (6):958-67.	High risk for cachexia (24)	Lung cancer Early and Intensive Dietary Counseling vs usual care Radiotherapy±chemotherapy

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No.	Randomized controlled trial published during 8 years after the consensus report (from 2011 to 2018)		
	Publications	Cachectic status (sample size)	Study populations and interventions (1: cancer type, 2: intervention, 3: concurrent cancer treatment)
41.	Poulsen GM, <i>et.al.</i> Clin Nutr. 2014; 33 (5):749-53.	High risk for cachexia (61)	Mixed cancer Nutritional counseling vs usual care Not specified or combined
42.	Lønbro S, <i>et.al.</i> Radiother Oncol. 2013; 108 (2):314-9.	High risk for cachexia (41)	Head and neck cancer Early vs delayed progressive resistance training Radiotherapy±chemotherapy
43.	Silander E, <i>et.al.</i> Eur J Clin Nutr. 2013; 67 (1):47-52.	High risk for cachexia (134)	Head and neck cancer Prophylactic percutaneous endoscopic gastrostomy vs usual care Radiotherapy±chemotherapy±surgery
44.	Kraft M, <i>et.al.</i> Nutr J. 2012; 11:52.	High risk for cachexia (72)	Pancreatic cancer (CARPAN study) L-Carnitine vs placebo Not specified or combined
Randomized controlled trial published during 8 years before the consensus report (from 2003 to 2010)			
	Publications	Cachectic potential (sample size)	Study populations and interventions (1: cancer type, 2: intervention, 3: concurrent cancer treatment)
45.	Mantovani G. Oncologist. 2010;15 (2):200-11.	Cachexia (332)	Mixed cancer MA vs EPA vs Carnitine vs Thalidomide vs Combination Not specified or combined
46.	Hasenberg T, <i>et.al.</i> Colorectal Dis. 2010; 12 (10 Online):e190-9.	Cachexia (82)	Colorectal cancer Early parenteral nutrition vs usual care Palliative chemotherapy
47.	Wiedenmann B, <i>et.al.</i> J Support Oncol. 2008; 6 (1):18-25.	Cachexia (89)	Pancreatic cancer Infliximab vs usual care Palliative chemotherapy
48.	Strasser F, <i>et.al.</i> Br J Cancer. 2008; 98 (2):300-8.	Cachexia (21 with crossover)	Mixed cancer Ghrelin (iv) vs placebo Palliative care alone
49.	Jatoi A, <i>et.al.</i> Cancer. 2007; 110 (6):1396-403.	Cachexia (63)	Mixed cancer Etanercept vs placebo Not specified or combined
50.	Lai V, <i>et.al.</i> Head Neck. 2008; 30 (1):67-74.	Cachexia (11)	head and neck or gastrointestinal cancer Celecoxib vs placebo Palliative care alone
51.	Fearon KC, <i>et.al.</i> J Clin Oncol. 2006; 24 (21):3401-7.	Cachexia (580)	Gastrointestinal or lung cancer EPA 2g vs EPA 4g vs placebo Palliative care alone
52.	Cannabis-In-Cachexia-Study-Group, Strasser F, <i>et.al.</i> Clin Oncol. 2006; 24 (21):3394-400.	Cachexia (243)	Mixed cancer Cannabis extract vs delta-9-tetrahydrocannabinol vs placebo Not specified or combined
53.	Gordon JN, <i>et.al.</i> Gut. 2005; 54 (4):540-5.	Cachexia (50)	Pancreatic cancer Thalidomide vs placebo Palliative care alone
54.	Persson C, <i>et.al.</i> Nutrition. 2005; 21 (2):170-8.	Cachexia (24)	Gastrointestinal cancer Fish oil vs melatonin Not specified or combined
55.	Jatoi A, <i>et.al.</i> J Clin Oncol. 2004; 22 (12):2469-76.	Cachexia (421)	Mixed cancer EPA vs MA vs EPA+MA Not specified or combined
56.	Fearon KC, <i>et.al.</i> Gut. 2003; 52 (10):1479-86.	Cachexia (200)	Pancreatic cancer protein and energy dense supplement enriched with n-3 fatty acids and antioxidants vs control supplement Palliative care alone
57.	Bruera E, <i>et.al.</i> J Clin Oncol. 2003; 21 (1):129-34.	Cachexia (60)	Mixed cancer Fish oil vs placebo Not specified or combined
58.	Berk L, <i>et.al.</i> Support Care Cancer. 2008; 16 (10):1179-88.	Pre-cachexia and cachexia (472)	Mixed cancer beta-hydroxyl beta-methyl butyrate, glutamine, and arginine mixture vs isocaloric control mixture Not specified or combined

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59.	Lundholm K, <i>et.al.</i> Clin Cancer Res. 2007; 13 (9):2699-706.	Pre-cachexia and cachexia (138)	Mixed cancer Palliative support (indomethacin, recombinant erythropoietin, nutritional care+home parenteral nutrition) vs palliative support+insulin Not specified or combined
60.	Lundholm K, <i>et.al.</i> Cancer. 2004; 100 (9):1967-77.	Pre-cachexia and cachexia (309)	Mixed cancer Nutritional support + indomethacin + erythropoietin vs indomethacin + erythropoietin Palliative care alone
61.	Hopkinson JB, <i>et.al.</i> J Pain Symptom Manage. 2010; 40 (5):684-95.	High risk for cachexia (50)	Mixed cancer Psychosocial intervention for weight- and eating-related distress (the Macmillan Approach to Weight and Eating, MAWE) vs usual care Not specified or combined
62.	Jatoi A, <i>et.al.</i> Lung Cancer. 2010; 68 (2):234-9.	High risk for cachexia (61)	Non-small-cell lung cancer Infliximab vs placebo Palliative chemotherapy
63.	Maddocks M, <i>et.al.</i> J Pain Symptom Manage. 2009; 38 (6):950-6.	High risk for cachexia (16)	Non-small-cell lung cancer neuromuscular electrical stimulation vs usual care Not specified or combined
64.	Rabinovitch R, <i>et.al.</i> Head Neck. 2006; 28 (4):287-96.	High risk for cachexia (1073)	Head and neck cancer Nutritional support before vs during vs after radiotherapy Radiotherapy±chemotherapy
65.	Isenring EA, <i>et.al.</i> Br J Cancer. 2004; 91 (3):447-52.	High risk for cachexia (60)	Gastrointestinal or head and neck cancer Early and intensive nutritional support vs usual care Radiotherapy±chemotherapy