

Supplementary Table 2. Excluded articles and reasons for exclusion (n = 107).

	Articles	Reason for exclusion
1	Alt-Epping B, Seidel W, Vogt J, Mehnert A, Thomas M, van Oorschot B, Wolff H, Schliephake H, Canis M, Dröge LH, Nauck F, Lordick F (2016) Symptoms and Needs of Head and Neck Cancer Patients at Diagnosis of Incurability - Prevalences, Clinical Implications, and Feasibility of a Prospective Longitudinal Multicenter Cohort Study Oncol Res Treat 39: 186-191	1
2	Amano K, Morita T, Tatara R, Katayama H, Uno T, Takagi I (2015) Association between early palliative care referrals, inpatient hospice utilization, and aggressiveness of care at the end of life Journal of Palliative Medicine 18: 270-273	1
3	Asmis TR, Febbraro M, Alvarez GG, Spaans JN, Ruta M, Lalany A, Osborne G, Goss GD (2015) A retrospective review of cancer treatments and outcomes among inuit referred from Nunavut, Canada Current Oncology 22: 246-251	1
4	Balanchivadze N, Blackford AL, Huang L, Altiery Altiery De Jesus VV, Hwang M, Sedhom R, Gupta A, Hussaini SMQ (2022) Geographic disparities in head and neck cancer mortality and place of death in the United States from 2003 to 2019 Journal of Clinical Oncology 40: 161	5

5	Balboni TA (2011) Palliative Care and Symptom Management in the Head and Neck Cancer Patient D Heron, R Tishler, & C Thomas (Eds), Head and Neck Cancer, Radiation Medicine Rounds 2: 273-294	5
6	Becker G, Hatami I, Xander C, Dworschak-Flach B, Olschewski M, Momm F, Deibert P, Higginson IJ, Blum HE (2011) Palliative cancer care: an epidemiologic study J Clin Oncol 29: 646-650	1
7	Begbie FD, Douglas CM, Finlay F, Montgomery J (2019) Palliative intent treatment for head and neck cancer: an analysis of practice and outcomes J Laryngol Otol 133: 313-317	1
8	Belcher SM, Lee H, Nguyen J, Curseen K, Lal A, Zarrabi AJ, Gantz L, Rosenzweig MQ, Hill JL, Yeager KA (2023) Financial Hardship and Quality of Life Among Patients With Advanced Cancer Receiving Outpatient Palliative Care: A Pilot Study Cancer Nursing 46: 3-13	6
9	Benthien KS, Nordly M, Videbæk K, Kurita GP, von der Maase H, Timm H, Simonsen MK, Johansen C, Sjøgren P (2016) Classification of a palliative care population in a comprehensive cancer centre Supportive Care in Cancer 24: 1865-1873	1
10	Blackhall LJ, Read P, Stukenborg G, Dillon P, Barclay J, Romano A, Harrison J (2016) CARE track for advanced cancer: Impact and timing of an outpatient palliative care clinic Journal of Palliative Medicine 19: 57-63	3
11	Boethius H, Saarto T, Laurell G, Farnebo L, Makitie AA (2021) A Nordic survey of the management of palliative care in patients with	1

	head and neck cancer European archives of oto-rhino-laryngology 278: 2027-2032	
12	Canick J, Barnes J, Rohde R, Abouelella D, Boakye EA, Osazuwa-Peters N (2022) Head and Neck Cancer Mortality: Regional Differences in Hospice Use Otolaryngology - Head and Neck Surgery 167: P202-P203	5
13	Cannon ST, Gabbard J, Walsh RC, Statler TM, Browne JD, Marterre B (2023) Concordant palliative care delivery in advanced head and neck cancer American journal of otolaryngology 44: 103675	1
14	Chang A, Maharaj RP, Seemungal TAR (2021) Burden of palliative care in a public general hospital setting West Indian Medical Journal 69: 91-95	1
15	Chen M, Rosenthal EL, Divi V (2018) Opportunities to improve resource utilization at the end of life for patients enrolled in hospice Otolaryngology - Head and Neck Surgery (United States) 159: P93	5
16	Chen MM, Rosenthal EL, Divi V (2019) End-of-Life Costs and Hospice Utilization in Patients with Head and Neck Cancer Otolaryngol Head Neck Surg 161: 439-441	5
17	Chou CP, Lai WA, Pan BL, Yang YH, Huang KS (2021) Effects of Hospice Care for Terminal Head and Neck Cancer Patients: A Nationwide Population-Based Matched Cohort Study J Palliat Med 24: 1299-1306	1

18	Dalal S, Bruera S, Hui D, Yennu S, Dev R, Williams J, Masoni C, Ihenacho I, Obasi E, Bruera E (2016) Use of palliative care services in a tertiary cancer center Oncologist 21: 110-118	3
19	Dalal S, Palla S, Hui D, Nguyen L, Chacko R, Li Z, Fadul N, Scott C, Thornton V, Coldman B, Amin Y, Bruera E (2011) Association between a name change from palliative to supportive care and the timing of patient referrals at a comprehensive cancer center Oncologist 16: 105-111	3
20	Delgado Guay M, De La Cruz M, Williams J, Bruera E (2018) Frequency, intensity and correlates of financial distress among advanced cancer patients assessed in a supportive care outpatient center Palliative Medicine 32: 264	3
21	Delgado-Guay M, De La Cruz MG, Williams JL, Bruera E (2018) Financial distress among advanced cancer patients assessed in a supportive care outpatient center Supportive Care in Cancer 26: S135	5
22	Delgado-Guay MO, Kim YJ, Shin SH, Chisholm G, Williams J, Allo J, Bruera E (2015) Avoidable and unavoidable visits to the emergency department among patients with advanced cancer receiving outpatient palliative care Journal of Pain and Symptom Management 49: 497-504	3
23	Elsayem A, Swint K, Fisch MJ, Palmer JL, Ready S, Walker P, Zhukovsky D, Knight P, Bruera E (2004) Palliative care inpatient service in a comprehensive cancer center: Clinical and financial outcomes Journal of Clinical Oncology 22: 2008-2014	3
24	Espeli VG, Fusi-Schimdhauser T, Mangan D, Gamondi C (2022) The role of palliative care in relapsed and metastatic head and neck cancer	1

	patients in a single ESMO integrated oncology and palliative care centre European archives of oto-rhino-laryngology 279: 5897-5902	
25	Espeli VG, Gamondi C, Fusi-Schmidhauser T (2019) Which role plays specialized palliative care in patients with relapsed and/or metastatic head and neck cancer? A retrospective analysis in Southern Switzerland Journal of Clinical Oncology 37	5
26	Fadul NA, Osta BE, Dalal S, Poulter VA, Bruera E (2008) Comparison of symptom burden among patients referred to palliative care with hematologic malignancies versus those with solid tumors Journal of Palliative Medicine 11: 422-427	3
27	Farrant L, Harding R, Krause R, Anderson D, Parkes J, Gwyther L (2017) An evaluation of palliative care needs among South African patients attending oncology services in a metropolitan setting Cancer Research 77	5
28	Fassbender K, Fainsinger R, Brenneis C, Brown P, Braun T, Jacobs P (2005) Utilization and costs of the introduction of system-wide palliative care in Alberta, 1993-2000 Palliative Medicine 19: 513-520	1
29	Forbes K (1997) Palliative care in patients with cancer of the head and neck Clinical Otolaryngology & Allied Sciences 22: 117-122	1
30	Formoso G, Marino M, Guberti M, Grilli RG (2022) End-of-life care in cancer patients: How much drug therapy and how much palliative care? Record linkage study in Northern Italy BMJ Open 12	1
31	Fullarton M, Pybus S, Mayland C, Rogers SN (2016) Analysis of deaths between 2007 and 2012 of patients with cancer of the head and	1

32	neck on a surgical ward at a regional centre and in an independent hospice Br J Oral Maxillofac Surg 54: 62-67	
33	Gandhi AK, Roy S, Thakar A, Sharma A, Mohanti BK (2014) Symptom burden and quality of life in advanced head and neck cancer patients: AIIMS study of 100 patients Indian journal of palliative care 20: 189	1
34	Gu X, Chen M, Liu M, Zhang Z, Cheng W (2016) End-of-life decision-making of terminally ill cancer patients in a tertiary cancer center in Shanghai, China Supportive Care in Cancer 24: 2209-2215	1
35	Guay MD, De la Cruz MG, Williams J, Bruera E (2018) Moderate and Severe Financial Distress Among Advanced Cancer Patients Assessed in a Supportive Care Outpatient Center Journal of Pain and Symptom Management 56: e140	5
36	Harsvardhan R, Arora T, Singh S, Lal P (2022) Cost Analysis on Total Cost Incurred (Including Out-of-pocket Expenditure and Social Cost) During Palliative Care in Cases of Head-and-Neck Cancer at a Government Regional Cancer Centre in North India Indian Journal of Palliative Care 28: 419-427	1
37	Heinonen T, Loimu V, Saarilahti K, Saarto T, Mäkitie A (2018) End-of-life care pathway of head and neck cancer patients: single-institution experience Eur Arch Otorhinolaryngol 275: 545-551	1
38	Henson LA, Higginson IJ, Gao W (2018) What factors influence emergency department visits by patients with cancer at the end of life? Analysis of a 124,030 patient cohort Palliat Med 32: 426-438	3

39	Henson LA, Wei G, Higginson IJ (2016) Factors associated with multiple emergency department visits by patients with cancer in the last 30 days of life: A population-based cohort study Palliative Medicine 30: NP47	5
40	Hiratsuka Y, Oishi T, Miyashita M, Morita T, Mack JW, Sato Y, Takahashi M, Komine K, Saijo K, Ishioka C, Inoue A (2021) Factors related to specialized palliative care use and aggressive care at end of life in Japanese patients with advanced solid cancers: a cohort study Supportive Care in Cancer 29: 7805-7813	1
41	Ho BJ, Akhileswaran R, Pang GSY, Koh GCH (2017) An 11-year study of home hospice service trends in Singapore from 2000 to 2010 Journal of Palliative Medicine 20: 461-472	3
42	Hoesseini A, Offerman MPJ, van de Wall-Neecke BJ, Sewnaik A, Wieringa MH, Baatenburg de Jong RJ (2020) Physicians' clinical prediction of survival in head and neck cancer patients in the palliative phase BMC Palliat Care 19: 176	1
43	Hong CY, Chow KY, Poulouse J, Jin AZ, Devi A, Chee EMF, Goh C (2011) Place of death and its determinants for patients with cancer in Singapore: An analysis of data from the Singapore cancer registry, 2000-2009 Journal of Palliative Medicine 14: 1128-1134	4
44	Hosokawa S, Takahashi G, Okamura J, Imai A, Mochizuki D, Ishikawa R, Takizawa Y, Yamatodani T, Misawa K, Mineta H (2020) Management of elderly patients with head and neck carcinoma: analysis of outcomes for radical versus palliative treatment Int J Clin Oncol 25: 432-438	1

45	Hughley BB, Sperry SM, Thomsen TA, Charlton ME, Pagedar NA (2017) Survival outcomes in elderly patients with untreated upper aerodigestive tract cancer Head and Neck 39: 215-218	M
46	Hui D, Karuturi MS, Tanco KC, Kwon JH, Kim SH, Zhang T, Kang JH, Chisholm G, Bruera E (2013) Targeted agent use in cancer patients at the end of life Journal of Pain and Symptom Management 46: 1-8	3
47	Hui D, Kim SH, Kwon JH, Tanco KC, Zhang T, Kang JH, Rhondali W, Chisholm G, Bruera E (2012) Access to palliative care among patients treated at a comprehensive cancer center Oncologist 17: 1574-1580	3
48	Ishida T, Ohashi K, Okina C, Ohashi S, Okina S, Miyazaki K, Suzuki T (2019) Characteristics of palliative home care for patients with hematological tumors compared to those of patients with solid tumors International Journal of Hematology 110: 237-243	1
49	Kapoor AK, Bhatnagar S, Mutneja R (2021) Clinical and Socio-demographic Profile of Hospice Admissions: Experience from New Delhi Indian J Palliat Care 27: 68-75	1
50	Kathman C, Copur MS, Price P, Edwards C, Jonglertham P, Springer CR, Vacek C, Reiners D, Hiller-Payne B, Lounsbury A, Wagner T, Lauder R, Wilson P, Mueller J, Molnar S, DeGodt H, Arbogast J, Muske C, Robbins L, Peterson T (2019) Embedded model palliative care (PC) at a community oncology practice in central Nebraska Journal of Clinical Oncology 37	5

51	Kowalski LP, Carvalho AL (2000) Natural history of untreated head and neck cancer Eur J Cancer 36: 1032-1037	M
52	Kuo TL, Lin CH, Jiang RS, Yen TT, Wang CC, Liang KL (2017) End-of-life care for head and neck cancer patients: a population-based study Support Care Cancer 25: 1529-1536	1
53	Kwon JH, Hui D, Ha CA, Chisholm GB, Yennurajalingam S, Kang JH, Bruera E (2012) Clinical needs of patients referred early to supportive and palliative care Journal of Clinical Oncology 30	5
54	Lal M, Raheja S, Kale S, Das N, Gogia AR, Bhowmik KT (2012) An experience with 156 patients attending a newly organized pain and palliative care clinic in a tertiary hospital Indian J Cancer 49: 293-297	1
55	Lal P, Verma M, Kumar G, Shrivastava R, Kumar S (2016) Initial experience of head and neck cancer patients treated in an oncologist led palliative cancer care clinic at a tertiary cancer care center in Uttar Pradesh: Is the initiative of a full-fledged palliative care for cancer patients justified Indian Journal of Palliative Care 22: 477	1
56	Lavergne MR, Johnston GM, Gao J, Dummer TJB, Rheaume DE (2011) Variation in the use of palliative radiotherapy at end of life: Examining demographic, clinical, health service, and geographic factors in a population-based study Palliative Medicine 25: 101-110	1
57	Ledeboer QC, van der Schroeffer MP, Pruyn JF, de Boer MF, Baatenburg de Jong RJ, van der Velden LA (2011) Survival of patients with palliative head and neck cancer Head Neck 33: 1021-1026	1

58	Ledeboer QCP, Offerman MPJ, van der Velden LA, de Boer MF, Pruyn JFA (2008) Experience of palliative care for patients with head and neck cancer through the eyes of next of kin Head & Neck: Journal for the Sciences and Specialties of the Head and Neck 30: 479-484	1
59	Lin YL, Lin IC, Liou JC (2011) Symptom patterns of patients with head and neck cancer in a palliative care unit J Palliat Med 14: 556-559	1
60	Lockwood BJ, Ntukidem OL, Ehrman SE, Schnell PM, Klemanski DL, Bhatnagar B, Lustberg M (2021) Palliative Care Referral Patterns for Adolescent and Young Adult Patients at a Comprehensive Cancer Center Journal of Adolescent and Young Adult Oncology 10: 109-114	3
61	Loke SS, Rau KM (2011) Differences between inpatient hospice care and in-hospital nonhospice care for cancer patients Cancer Nurs 34: E21-26	1
62	Lokker ME, Offerman MPJ, van der Velden L, de Boer MF, Pruyn JFA, Teunissen S (2013) Symptoms of patients with incurable head and neck cancer: Prevalence and impact on daily functioning Head and Neck-journal for the sciences and specialties of the head and neck 35: 868-876	1
63	Lotfallah A, Al-Hity S, Limbrick J, Khan N, Darr A (2022) Palliative care management of head and neck cancer patients among otolaryngology surgeons: a novel national survey assessing knowledge, decision making, perceived confidence and training in the UK The Journal of Laryngology & Otology 136: 799-808	6

64	Maboreje OA, Soyannwo OA, Iken OF, Elumelu-Kupoluyi TN (2021) Palliative care for Head and Neck Cancer Patients: A 10 year review African Journal of Medicine and Medical Sciences 50: 85-89	6
65	Malin JL, O'Neill SM, Asch SM, Dy SM, Walling AM, Tisnado D, Antonio AL, Lorenz KA (2011) Quality of supportive care for patients with advanced cancer in a VA medical center J Palliat Med 14: 573-577	3
66	Mayland CR, Ingarfield K, Rogers SN, Dey P, Thomas S, Waylen A, Leary SD, Pring M, Hurley K, Waterboer T (2020) Disease trajectories, place and mode of death in people with head and neck cancer: Findings from the 'Head and Neck 5000' population-based prospective clinical cohort study Palliative Medicine 34: 639-650	1
67	Mercadante S, Masedu F, Valenti M, Mercadante A, Aielli F (2016) The characteristics of advanced cancer patients followed at home, but admitted to the hospital for the last days of life Intern Emerg Med 11: 713-718	1
68	Min-Tran D, Gustafson A, Eaton KD, Loggers ET, Rodriguez CP, Santana-Davila R (2020) End-of-life health care utilization (EOLHCU) in patients with thoracic, head and neck cancers with or without phase I study participation at a single institution Journal of Clinical Oncology 38	5
69	Mohammed AA, Al-Zahrani AS, Ghanem HM, Farooq MU, El Saify AM, El-Khatib HM (2015) End-of-life palliative chemotherapy: Where do we stand? Journal of the Egyptian National Cancer Institute 27: 35-39	3

70	Mohanti BK, Nachiappan P, Pandey RM, Sharma A, Bahadur S, Thakar A (2007) Analysis of 2167 head and neck cancer patients' management, treatment compliance and outcomes from a regional cancer centre, Delhi, India Journal of Laryngology and Otology 121: 49-56	1
71	Okubo H, Kizawa Y, Tabuchi K, Hara A (2011) Palliative Care for Head and Neck Cancer Patients Practica Oto-Rhino-Laryngologica 104: 156-157	7
72	Osazuwa-Peters N, Bukatko AR, Simpson MC, Gaubatz M, Polednik KM, Boakye EA (2018) Factors associated with receipt of palliativeonly care among survivors with head and neck cancer Journal of Clinical Oncology 36	5
73	Osazuwa-Peters N, Christopher KM, Cass LM, Massa ST, Hussaini AS, Behera A, Walker RJ, Varvares MA (2019) What's Love Got to do with it? Marital status and survival of head and neck cancer European Journal of Cancer Care 28	2
74	Osazuwa-Peters N, Christopher KM, Massa ST, Cass L, Walker RJ, Varvares MA (2016) Does being married independently predict survival in patients with head and neck cancer? Results from a single institution Cancer Research 76	5
75	Parsons HA, De La Cruz M, Delgado-Guay MO, Akitoye AE, Chacko R, Poulter V, Bruera E (2009) Characteristics of patients who refuse medically appropriate do not resuscitate orders (DNR) upon admission to a palliative care (PC) unit in a comprehensive cancer center Journal of Clinical Oncology 27: 9589	3

76	Patel JN, Boselli D, Hamadeh IS, Symanowski J, Edwards R, Susi B, Greiner R, Baldassare D, Waller M, Wodarski S, Turner S, Slaughter C, Edelen C (2020) Pain management using clinical pharmacy assessments with and without pharmacogenomics in an oncology palliative medicine clinic JCO Oncology Practice 16: E166-E174	3
77	Patil VM, Singhai P, Noronha V, Bhattacharjee A, Deodhar J, Salins N, Joshi A, Menon NS, Abhyankar A, Khake A (2021) Effect of early palliative care on quality of life of advanced head and neck cancer patients: a phase III trial JNCI: Journal of the National Cancer Institute 113: 1228-1237	1
78	Poulose JV, Do YK, Neo PSH (2013) Association between referral-to-death interval and location of death of patients referred to a hospital-based specialist palliative care service Journal of Pain and Symptom Management 46: 173-181	3
79	Price KAR, Moore EJ, Moynihan T, Price DL (2009) Symptoms and terminal course of patients who died of head and neck cancer Journal of palliative medicine 12: 117-118	5
80	Randén M, Helde-Frankling M, Runesdotter S, Strang P (2013) Treatment decisions and discontinuation of palliative chemotherapy near the end-of-life, in relation to socioeconomic variables Acta Oncologica 52: 1062-1066	3
81	Ruck JM, Canner JK, Smith TJ, Johnston FM (2018) Use of Inpatient Palliative Care by Type of Malignancy Journal of Palliative Medicine 21: 1300-1307	3

82	Schenker Y, Arnold RM, Bauman JE, Heron DE, Johnson JT (2016) An enhanced role for palliative care in the multidisciplinary approach to high-risk head and neck cancer Cancer 122: 340-343	5
83	Schrijvers D, Charlton R (2022) Palliative Care and End-of-Life Issues in Elderly Cancer Patients With Head and Neck Cancer Frontiers in Oncology 12	5
84	Schwam ZG, Burtness B, Yarbrough WG, Mehra S, Husain Z, Judson BL (2015) National treatment patterns in patients presenting with Stage IVC head and neck cancer: analysis of the National Cancer Database Cancer Med 4: 1828-1835	2
85	Sesterhenn AM, Folz BJ, Bieker M, Teymoortash A, Werner JA (2008) End-of-life care for terminal head and neck cancer patients Cancer Nurs 31: E40-46	1
86	Shishodia NP, Divakar DD, Al Kheraif AA, Ramakrishnaiah R, Pathan AA, Parine NR, Chandroth SV, Purushothaman B (2015) End stage palliative care of head and neck cancer: a case study Asian Pac J Cancer Prev 16: 1255-125	1
87	Shuman AG, Yang Y, Taylor JMG, Prince ME (2011) End-of-life care among head and neck cancer patients Otolaryngology--Head and Neck Surgery 144: 733-739	1
88	Siddiqui S, Zolotar M, Schilling C, Pace V, McGurk M (2013) Outcome of head and neck cancer patients in palliative care International Journal of Oral and Maxillofacial Surgery 42: 1282	5

89	Stephens SJ, Chino F, Williamson H, Niedzwiecki D, Chino J, Mowery YM (2020) Evaluating for disparities in place of death for head and neck cancer patients in the United States utilizing the CDC WONDER database Oral Oncol 102: 104555	M
90	Stoute T, Loschiavo S, Hook K (2018) Assessing the appropriate utilization of the palliative care service by the Carol and Ray Neag Comprehensive Cancer Center at UConn Health Journal of Clinical Oncology 36	5
91	Svynarenko R, Mack JW, Lindley LC (2021) Differences in characteristics of children with cancer who receive standard versus concurrent hospice care Pediatric Blood and Cancer 68	3
92	Talmi YP, Roth Y, Waller A, Chesnin V, Adunski A, Lander MI, Kronenberg J (1995) Care of the terminal head and neck cancer patient in the hospice setting Laryngoscope 105: 315-318	1
93	Tang ST, Huang EW, Liu TW, Wang HM, Chen JS (2010) A population-based study on the determinants of hospice utilization in the last year of life for Taiwanese cancer decedents, 2001-2006 Psycho-Oncology 19: 1213-1220	1
94	Tseng YD, Mezheritsky I, Halasz LM, Lo SS, Loggers ET (2020) Curative Intent Radiotherapy Delivered Within the Last Year of Life American Journal of Clinical Oncology: Cancer Clinical Trials 43: 168-172	3
95	Uy NF, Rodriguez CP, Daum C, Baker KK, Singer J, Hnida J, Lavell L, Sofie K, Cruz J, Eaton KD, Santana-Davila R, Loggers ET (2022)	5

	Death with dignity utilization among patients with thoracic, head, and neck cancer Journal of Clinical Oncology 40	
96	Van Cleave J, Ki A, Moriyama D, Issac M (2021) What is the frequency of palliative care visits to discuss medical marijuana in head and neck cancer? Supportive Care in Cancer 29: S200	5
97	Van Oorschot B, Schendzielorz P, Lewitzki V, Hackenberg S (2019) Special aspects of palliative care for patients with head and neck cancer Der Onkologe 25: 262-268	7
98	Verne J, Fitzgerald D, Harris S, Pring A, Fleming S, Thomas S (2014) Deaths from head and neck cancers, (England 2002-11) - Implications for end of life care planning Palliative Medicine 28: 741	5
99	Verne J, Pring A, Pignatelli I (2018) What does national mortality data tell us about where head and neck cancer patients die and what influences this? Palliative Medicine 32: 99	5
100	Vlacich G, Samson PP, Perkins SM, Roach MC, Parikh PJ, Bradley JD, Lockhart AC, Puri V, Meyers BF, Kozower B, Robinson CG (2017) Treatment utilization and outcomes in elderly patients with locally advanced esophageal carcinoma: a review of the National Cancer Database Cancer Med 6: 2886-2896	4
101	Vukkadala N, Fardeen T, Ramchandran K, Divi V (2021) End-of-Life Practice Patterns in Head and Neck Cancer Laryngoscope 131: 1769-1773	2
102	Wakasugi T, Takenaga F, Ikezaki S, Takeuchi S, Ohkubo JI, Suzuki H (2019) Clinical analysis of palliative care alone in end-stage head and	6

	neck cancer treatment Japanese Journal of Head and Neck Cancer 45: 34-40	
103	Wang X, Knight LS, Evans A, Wang J, Smith TJ (2017) Variations among physicians in hospice referrals of patients with advanced cancer Journal of Oncology Practice 13: e496-e503	1
104	Westfall K, Moore D, Meenaghan M, Jarr S, Valgus J, Bernard S (2018) The Impact on Resource Utilization of Supportive Care Consults on Patients at the University of North Carolina Hospital, 2010-2012 J Palliat Med 21: 216-219	4
105	Yennurajalingam S, Parsons HA, Duarte ER, Palma A, Bunge S, Lynn Palmer J, Delgado-Guay MO, Allo J, Bruera E (2013) Decisional control preferences of hispanic patients with advanced cancer from the United States and Latin America Journal of Pain and Symptom Management 46: 376-385	M
106	Yokota S, Amano K, Oyamada S, Ishiki H, Maeda I, Miura T, Hatano Y, Uneno Y, Hori T, Matsuda Y (2022) Effects of artificial nutrition and hydration on survival in patients with head and neck cancer and esophageal cancer admitted to palliative care units Clinical Nutrition Open Science 41: 33-43	1
107	Zhu JY, Davis RB, Stuver SO, Berry DL, Block S, Weeks JC, Weingart SN (2012) A Longitudinal Study of Pain Variability and Its Correlates in Ambulatory Patients With Advanced Stage Cancer CANCER 118: 6278-6286	3

Legends:

1.Studies lacking information on ethnicity

2. Studies in which utilization data and clinical outcomes in palliative care in head and neck cancer patients were not available for data extraction due to clustering with curative treatments;
3. Studies in which utilization data and clinical outcomes in palliative care in head and neck cancer patients were not available for data extraction due to clustering with other malignancies;
4. Studies that assessed patients with malignant lesions at anatomical sites other than the head and neck;
5. Reviews, case reports, protocols, short communication, personal opinions, letter, conference abstracts and laboratory research.
6. Studies whose full texts were not available.
7. Studies published in other languages than English, Portuguese, and Spanish.