Appendix 1

Search strings

A literature search was done in the databases for studies that fulfilled the inclusion criteria on the 1st of September 2023.

PubMed—574 results

("Neoplasms"[MeSH] OR "neoplasm"[Title/Abstract] OR cancer[Title/Abstract] OR onco*[Title/Abstract]) AND ("Bipolar Disorder"[Title/Abstract] OR "major depression"[Title/Abstract] OR "unipolar depression"[Title/Abstract] OR "Schizophrenia"[Title/Abstract] OR Mental[Title/Abstract] OR psychiatric[Title/Abstract]) AND ("Palliative Medicine"[Mesh] OR "Palliative Care"[Mesh] OR "Terminal Care"[Mesh] OR "Hospice Care"[Mesh] OR palliat*[Title] OR end-of-life[Title] OR terminal*[Title]) AND (2000:2023[pdat]) NOT ("meta-analysis"[Publication Type] OR "review"[Publication Type] OR "systematic review"[Filter])

Embrace—29 results

('neoplasm'/de OR 'oncology':ti OR neoplasm:ti OR 'malignant neoplasm':ti) AND ('bipolar disorder':ti OR 'major depression':ti OR 'unipolar depression':ti OR 'schizophrenia':ti OR mental:ti OR psychiatric:ti) AND (palliat*:ti OR 'end of life':ti OR terminal*:ti OR hospice:ti OR eol*:ti) NOT ('meta analysis':it OR review:it OR 'systematic review':it) AND [2000-2023]/py

Science Direct—38 results

(neoplasm OR oncology OR malignant neoplasm) AND (Bipolar Disorder OR major depression OR unipolar depression OR Schizophrenia OR Mental OR psychiatric) AND (palliation OR end-of-life OR terminal)

Years: 2000–2023—All types of publications

Table S1 Quality assessment of the included quantitative studies

Author, year, country/region	Selection				Comparability	Outcome		Total number of stars[†]
	Representativeness of the sample	Sample size	Non-respondents	Ascertainment of exposure	Based on design and analysis	Assessment of outcome	Statistical test	
Ganzini et al., 2010, USA (17)	*	None	*	**	*	**	*	8
Doan, 2016, USA (18)	*	None	*	**	*	**	*	8
McDermott et al., 2018, USA (19)	*	None	*	**	*	**	*	8
Huang et al., 2018, Taiwan (20)	*	None	*	**	*	**	*	8
Fond et al., 2019, France (21)	*	None	*	**	**	**	*	9
Fond et al., 2020, France (22)	*	None	*	**	**	**	*	9
Fond et al., 2020, France (23)	*	None	*	**	**	**	*	9
Kashyap et al., 2021, USA (24)	*	None	*	**	**	**	*	9
Fond et al., 2021, France (25)	*	None	*	**	**	**	*	9
Viprey et al., 2021, France (26)	*	None	*	**	**	**	*	9

Newcastle-Ottawa Scale (15) modified for cross-sectional studies according to Herzog et al. were used (16). [†], out of maximum 10 stars, since Ascertainment of the exposure, Comparability and Assessment of the outcome can provide two stars; *, indicate number of stars.