

Appendix 1 Search strategy

Pubmed (11/09/21 and 05/25/23.):

("Hospice Care"[Mesh] OR "Hospices"[Mesh] OR "Hospice and Palliative Care Nursing"[Mesh] OR hospice*[tiab]) AND ("Substance-Related Disorders"[Mesh] OR "Mental Disorders"[Mesh] OR "Behavioral Symptoms"[Mesh] OR anxiety OR depression OR "mental health")

Medline (11/09/21 and 05/25/23.):

1. exp Hospice Care/
2. ((bereav* or hospice*) adj2 (care or program*)).ti,ab.
3. exp Hospices/
4. hospice*.ti,ab.
5. exp "Hospice and Palliative Care Nursing"/
6. ((hospice* or palliative) adj2 nurs*).ti,ab.
7. 1 or 2 or 3 or 4 or 5 or 6
8. exp Substance-Related Disorders/
9. ((substance or drug or chemical) adj2 (abuse* or dependen* or disorder*)).ti,ab.
10. exp Mental Disorders/
11. ((mental or behavior* or psychiatric) adj1 (disorder* or illness* or disease* or health)).ti,ab.
12. exp Behavioral Symptoms/
13. (behavioral adj2 symptom*).ti,ab.
14. exp Anxiety/
15. anxiet*.ti,ab.
16. exp Depression/
17. depressi*.ti,ab.
18. 8 or 9 or 10 or 11 or 12 or 13 or 14 or 15 or 16 or 17
19. 7 and 18

EMBASE (11/09/21 and 05/25/23.):

1. exp hospice care/
2. ((bereav* or hospice*) adj2 (care or program*)).ti,ab.
3. exp hospice/
4. hospice*.ti,ab.
5. exp palliative nursing/
6. ((hospice* or palliative) adj2 nurs*).ti,ab.
7. 1 or 2 or 3 or 4 or 5 or 6
8. exp drug dependence/
9. ((substance or drug or chemical) adj2 (abuse* or dependen* or disorder*)).ti,ab.
10. exp mental disease/
11. exp anxiety/
12. anxiet*.ti,ab.
13. exp depression/
14. depressi*.ti,ab.
15. 8 or 9 or 10 or 11 or 12 or 13 or 14
16. 7 and 15

Cochrane (11/09/21 and 05/25/23.):

- #1 MeSH descriptor: [Hospice Care] explode all trees
- #2 ((bereav* or hospice*) NEAR/2 (care or program*))
- #3 MeSH descriptor: [Hospices] explode all trees
- #4 hospice*
- #5 MeSH descriptor: [Hospice and Palliative Care Nursing] explode all trees
- #6 ((hospice* or palliative) NEAR/2 nurs*)
- #7 #1 or #2 or #3 or #4 or #5 or #6
- #8 MeSH descriptor: [Substance-Related Disorders] explode all trees
- #9 ((substance or drug or chemical) NEAR/2 (abuse* or dependen* or disorder*))
- #10 MeSH descriptor: [Mental Disorders] explode all trees
- #11 ((mental or behavior* or psychiatric) NEAR/1 (disorder* or illness* or disease* or health))
- #12 MeSH descriptor: [Behavioral Symptoms] explode all trees
- #13 (behavior* NEAR/2 symptom*)
- #14 MeSH descriptor: [Anxiety] explode all trees
- #15 anxiet*
- #16 MeSH descriptor: [Depression] explode all trees
- #17 depressi*
- #18 #8 or #9 or #10 or #11 or #12 or #13 or #14 or #15 or #16 or #17
- #19 7 and #18

Scopus (11/09/21 and 05/25/23.):

(TITLE-ABS-KEY (anxiet* OR depressi* OR ((drug* OR substance) W/1 abuse*)) AND (TITLE-ABS-KEY (hospice* OR palliative))

Appendix 2 Data extraction tool

Preview

Basic Information

Authors

Title

Year

Journal

Methodology

Study design

1. RCT
2. Uncontrolled trial/open pilot
3. Epidemiology
4. Retrospective cohort study
5. Qualitative

6. Other

Study type

1. Pilot/feasibility study
2. Fully powered study

Blinding

1. Not blinded at all
2. Single-blinded
3. Double-blinded
4. Not applicable

What is the control condition/control intervention (if RCT)?

Length of total study follow-up

Length of post-intervention follow-up

Primary outcomes of interest

BH = behavioral health

QoL = quality of life

non-BH = non-behavioral medical

Type of outcome (BH, QoL, non-BH) Outcome Description Measurement Tool

Outcome 1

Outcome 2

Outcome 3

Secondary outcomes of interest

Type of outcome (BH, QoL, non-BH) Outcome Description Measurement Tool

Outcome 1

Outcome 2

Outcome 3

Characteristics of included studies

Country

1. United States

2. Other

Sample size

Population

Types of hospice care received by study participants

1. Inpatient hospice

2. Home hospice

3. Other outpatient hospice

4. Unspecified

Does the whole sample consist of hospice patients?

1. Yes

2. No

If not, what is the % of non-hospice patients?

If applicable, what are the settings of care for the non-hospice patients included in the sample?

1. Hospital
2. Nursing home
3. Ambulatory care
4. Home care
5. Other

What % of the sample consists of cancer patients?

1. Below 33%
2. Between 33 and 66%
3. Between 66 and 100%
4. Unspecified

Main eligibility criteria/main features defining the population studied

Intervention

Intervention type

1. Pharmacologic
2. Psychotherapeutic
3. Other non-pharmacologic
4. Model of care

5. Other

Intervention details

Name/description of the intervention

Duration/length

Dose

Frequency

Interventionist

Results

Main findings

Outcome of interest Observed effect Is this result statistically significant?

Result 1

Result 2

Result 3

Outcome of interest Observed effect Is this result statistically significant?

Result 4

Result 5

Additional comments