

Appendix

Topic	Virtual Reality for pain management in palliative care or cancer patients
Reference Manager	RefWorks, Covidence
Timeline	
Restrictions or Limitations	
Key Articles	
Databases	PubMed, CINAHL, Embase, Cochrane, Web of Science, Scopus, Compendex
Date Run	Jan 29, 2024
Total Number of Results	444
Number of Duplicates Removed	
Remaining Number of Results	

PubMed

Search number	Query	Results
5	#1 AND #2 AND (#3 OR #4)	51
4	neoplasms [mesh] OR neoplasm* [tiab] OR cancer* [tiab] OR tumor* [tiab] OR tumour* [tiab] OR sarcoma* [tiab] OR carcinoma* [tiab] OR oncolog* [tiab]	5,063,332
3	"Hospice and Palliative Care Nursing"[Mesh] OR "Palliative Medicine"[Mesh] OR "Palliative Care"[Mesh] OR "Hospice Care"[Mesh] OR "Terminal Care"[Mesh] OR "Hospices"[Mesh] OR palliat* [tiab] OR hospice* [tiab] OR "terminal care" [tiab:~3] OR "end of life care" [tiab:~3] OR "terminal illness" [tiab:~2] OR "terminally ill" [tiab:~2]	168,838
2	"pain management" [mesh] OR analgesia [mesh] OR "pain management" [tiab:~3] OR "managing pain" [tiab:~3] OR analgesia* [tiab]	162,283
1	"virtual reality" [mesh] OR "virtual reality" [tiab:~3] OR "vr" [tiab] OR "virtual technology" [tiab:~2]	26,028

Embase

No.	Query	Results
#5	#1 AND #2 AND (#3 OR #4)	91
#4	'neoplasm'/exp OR neoplasm*:ti,ab,kw OR cancer*:ti,ab,kw OR tumor*:ti,ab,kw OR tumour*:ti,ab,kw OR sarcoma*:ti,ab,kw OR carcinoma*:ti,ab,kw OR oncolog*:ti,ab,kw	7315012
#3	'palliative nursing'/exp OR 'palliative therapy'/exp OR 'hospice care'/exp OR 'terminal care'/exp OR 'hospice nursing'/exp OR 'hospice'/exp OR palliat*:ti,ab,kw OR hospice*:ti,ab,kw OR ((terminal* NEAR/3 (care OR ill OR illness)):ti,ab,kw) OR 'end of life':ti,ab,kw	291630
#2	'analgesia'/exp OR ((pain NEAR/3 manag*):ti,ab,kw) OR analgesia*:ti,ab,kw	281279
#1	'virtual reality'/exp OR ((virtual NEAR/3 (reality OR technology)):ti,ab,kw) OR vr:ti,ab,kw	43787

CINAHL

#	Query	Limiters/Expanders	Last Run Via	Results
S5	S1 AND S2 AND (S3 OR S4)	Expanders - Apply related words; Apply equivalent subjects Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Plus with Full Text	31
S4	(MH "Neoplasms+") OR TI (neoplasm* OR cancer* OR tumor* OR tumour* OR sarcoma* OR carcinoma* OR oncolog*) OR AB (neoplasm* OR cancer* OR tumor* OR tumour* OR sarcoma* OR carcinoma* OR oncolog*)	Expanders - Apply related words; Apply equivalent subjects Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database -	905,927

			CINAHL Plus with Full Text	
S3	(MH "Palliative Care Nursing") OR (MH "Palliative Care Nurses") OR (MH "Palliative Medicine") OR (MH "Hospice Nurses") OR (MH "Hospice Nursing") OR (MH "Hospices") OR (MH "Terminal Care+") OR (MH "Terminally Ill Patients+") OR TI (palliat* OR hospice* OR (terminal* N3 (care OR ill OR illness)) OR "end of life") OR AB (palliat* OR hospice* OR (terminal* N3 (care OR ill OR illness)) OR "end of life")	Expanders - Apply related words; Apply equivalent subjects Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Plus with Full Text	105,483
S2	(MH "Pain Management") OR (MH "Analgesia+") OR TI ((pain N3 manag*) OR analgesia*) OR AB ((pain N3 manag*) OR analgesia*)	Expanders - Apply related words; Apply equivalent subjects Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Plus with Full Text	66,495
S1	(MH "Virtual Reality+") OR TI ((virtual N3 (reality OR technology)) OR VR) OR AB ((virtual N3 (reality OR technology)) OR VR)	Expanders - Apply related words; Apply equivalent subjects Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Plus with Full Text	13,392

Cochrane

Search Name: Virtual reality for pain management in palliative care or cancer patients

Date Run: 13/10/2023 03:15:19

Comment:

ID	Search	Hits
#1	MeSH descriptor: [Virtual Reality] explode all trees	1012
#2	(virtual NEAR/3 (reality OR technology)) OR vr	9054
#3	#1 OR #2	9057
#4	MeSH descriptor: [Pain Management] explode all trees	5120
#5	MeSH descriptor: [Analgesia] explode all trees	11846
#6	(pain NEAR/3 manag*) OR analgesia*	67825
#7	#4 OR #5 OR #6	69911
#8	MeSH descriptor: [Palliative Care] explode all trees	2277
#9	MeSH descriptor: [Palliative Medicine] explode all trees	4
#10	MeSH descriptor: [Hospice and Palliative Care Nursing] explode all trees	78
#11	MeSH descriptor: [Hospice Care] explode all trees	162
#12	MeSH descriptor: [Terminal Care] explode all trees	702
#13	palliat* OR hospice* OR (terminal* NEAR/3 (care OR ill*)) OR "end of life"	13764
#14	MeSH descriptor: [Neoplasms] explode all trees	112875
#15	neoplasm* OR cancer* OR tumor* OR tumour* OR sarcoma* OR carcinoma* OR oncolog*	282030
#16	#8 OR #9 OR #10 OR #11 OR #12 OR #13 OR #14 OR #15	295805
#17	#3 AND #7 AND #16	103

Web of Science

TS=((virtual NEAR/3 (reality OR technology) OR "VR")) AND TS=((pain NEAR/3 manag*) OR analgesia*) AND (TS=(palliat* OR hospice* OR (terminal* NEAR/3 (care OR ill OR illness)) OR "end of life") OR TS=(neoplasm* OR cancer* OR tumor* OR tumour* OR sarcoma* OR carcinoma* OR oncolog*))

Searched 10/12/2023

62 results

Scopus

TITLE-ABS-KEY ((virtual W/3 reality) OR (virtual W/3 technology) OR vr) AND TITLE-ABS-KEY ((pain W/3 manag*) OR analgesia*) AND (TITLE-ABS-KEY (palliat* OR hospice* OR (terminal W/3 ill*) OR (terminal W/3 care) OR "end of life") OR TITLE-ABS-KEY (neoplasm* OR cancer* OR tumor* OR tumour* OR sarcoma* OR carcinoma* OR onolog*))

Searched 10/12/2023

94 results

Compendex

((((((((({VIRTUAL REALITY}) WN CV)) OR ({Virtual reality}) WN CV)) OR ({virtual NEAR/3 \$reality) WN KY)) OR ({virtual NEAR/3 \$technology) WN KY)) OR ({vr) WN KY))) AND ((((\$pain NEAR/3 \$manag) WN KY) OR ({analgesia) WN KY))) AND ((((\$palliat OR \$hospice OR \$terminal NEAR/3 \$ill OR \$terminal NEAR/3 \$care OR {end of life}) WN KY) OR ({neoplasm OR \$cancer OR \$tumor OR \$tumour OR \$sarcoma OR \$carcinoma OR \$oncolog) WN KY)))

Searched 10/12/2023

12 records