

Table 2: Critical appraisal of studies using The Joanna Briggs Institute Critical appraisal tool for Qualitative Research:

Study (location, number and category of Participants)	JBI Check list	Q1:Congruity b/w philosophy and research	Q2: Congruity b/w research method and question	Q3:congruity b/w Research method &Data collection	Q4:congruity b/w Research method & analysis	Q5: congruity b/w Research method & Results	Q6: Statement Locating the researcher	Q7: Influence Of Researcher addressed	Q8: Adequate Representa- tion of Participants	Q9:ethical approval	Q10: Conclusion Flows from analysis	Appraisal	R for exclusion
1.Voorhees et al., US and Netherlands, physicians 23		Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Include	
2.Van Marwijk et al. Netherlands 22 Primary care ph		Y	Y	Y	Y	Y	N	N	Y	Unc	Y	Include	
3. Denier Yvonne et al. 2010. Belgium Nurses- n=18		Y	Y	Y	Y	Y	N	N	Y	Y	Y	include	
4. Elizabeth Norton et al. 2012 USA-social worker-9		Y	Y	Y	Y	Y	N	N	Y	Unc	Y	include	
5. JJ Georges et al. 2008. Netherlands 30 GPs		Y	Y	Y	Y	Y	N	N	Y	Unc	Y	Include	
6. Snijdewind et al., 2014 (Netherlands, 28 physicians)		Y	Y	Y	Y	Y	N	N	Y	N	Y	include	
7. Katja ten Cate et al., 2017-33 physicians netherlands		Y	Y	Y	Y	Y	N	N	Y	Y	Y	include	
8. Donald G Van tol et al., 2012. Netherlands 15 physicians		Y	Y	Y	Y	Y	N	N	Y	N	Y	include	
9.Veronica Lorraine Fausto Melchor, 2018. USA Hospice social worker 8		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	include	
10. Pamela Miller et al., 2008 Oregon SW-8		Y	Y	Y	Y	Y	N	N	Y	Unc	Y	Include	
11. Deborah Volker et al., 2001. USA Onco Nurse-40		Y	Y	Y	Y	Y	N	N	Y	Unc	Y	Include	

12. michael Young et al., 2008 Canada nurses-22	Y	N	Y	Y	Y	N	N	Y	Y	Y	exclude	Study done at a time assisted death not legal, so does not meet inclusion criteria.
13. Rosanne Beuthin et al., 2018 Canada nurses-17	Y	Y	Y	Y	Y	N	N	Y	Y	Y	include	
14. eva Bolt et al., 2017 Netherlands paediatrician-8	Y	Y	Y	Y	Y	N	N	Y	NR	Y	include	
15. Dolores Angela Castelli Dransart et al., 2017 Switzerland-20 nurse, 1 physician, 8 directors, 3 socio-cultural animators.	Y	Y	Y	Y	Y	N	N	Y	Y	Y	include	
16. Marianne Dees et al., 2012 Netherlands-phy-28	Y	Y	Y	Y	Y	N	N	Y	Y	Y	include	
17. Theresa Harvath et al., 2006. USA hospice social workers-20	Y	Y	Y	Y	Y	N	N	Y	Y	Y	include	
18. Ina Otte et al., 2017. Switzerland GP's-20	Y	Y	Y	Y	Y	N	N	Y	Y	Y	include	
19. Ada van de Scheur, Arie van der Arend, 1998 Netherlands Nurse-20	Y	Y	Y	Y	Y	N	N	Y	Unc	Y	include	
20. Belanger E. et al., 2019 Canada-palliative care physicians-18	Y	Y	Y	Y	Y	N	N	Y	Y	Y	include	
21. Jessica Shaw et al., 2018. canada phy-8	Y	Y	N	Y	Y	N	N	Y	Unc	Y	include	
22. Judith Schwartz 2004. USA nurses-10	Y	Y	Y	Y	Y	N	N	Y	Y	Y	include	

23. Dobscha SJ et al., 2004. USA phy-35	Y	N	Y	Y	Y	N	N	Y	Y	Y	Exclude	No theme of emotional impact.
24. Galusko et al., 2015, Germany 19 specialized palliative care physicians.	Y	Y	Y	Y	Y	N	N	Y	Y	Y	Exclude	Desire to hasten death-definition ambiguous
25. Susanne Brauer et al., 2015. Switzerland, 12 physicians	Y	Y	Y	Y	Y	N	N	N	N	Unclear	Exclude	Opinions known, but no emotional impact theme
26. Linda (b) Oregon phy-35	N	Y	Y	Y	Y	N	N	Y	Y	Y	Exclude	Physician opinion of patients req
27. Deborah-texas nurses-36	N	Y	N	Y	Y	N	N	Y	Unc	Y	Exclude	No of the nurses participated in assisted suicide in any way
28. D Van Rooyan, Dutch nurses-7	N	N	Y	Y	Y	N	N	Y	N	Y	Exclude	More with withdrawal of treatment does not meet criteria
29. vanderspank canada Nurses	N	N	Y	Y	Y	N	N	Y	Y	Y	Exclude	SR on nurses experience with withdrawal of treatment- does not meet criteria
30. Joanne Wolfe USA 324 Oncologists	Y	N	N	Y	Y	N	N	N	Y	Y	Exclude	Telephone based survey interviews.
31. Booij et al., 2012 Netherlands 15 physicians	Y	N	Y	Y	Y	N	N	N	Y	Y	Exclude	No particular description of emotional impact
32. Denier et al., 2010 Belgium 18 Nurses	Y	N	Y	Y	Y	N	N	Y	Y	Y	Exclude	More about communicati

													on and communicati on attitudes and not about emotional impact
33. Bernadette Dierckx 2010 Belgium 18 nurses	Y	N	Y	Y	Y	N	N	Y	Y	Y		Exclude	Stage of carrying out a request, no emotional impact described.
34. sercu et al. 2012	Y	N	Y	Y	Y	N	N	Y	Y	Y		Exclude	Palliative sedation and euthanasia- boundary lines unclear in the paper.
35. Volker 2007 USA. 19 oncology advanced practice nurses	Y	N	Y	Y	N	N	N	Y	Y	Y		Exclude	No engagement in assisted death as illegal in the place of practice.
36. Thulesius et al. 2013 Sweden	Y	N	Y	Y	N	N	Y	N	Y	Y		Exclude	No engagement, assisted death is illegal in Sweden. Majority data from HCPs in Sweden.
37. Marike E. de Boer 2011 Netherlands.	Y	N	Y	Y	N	N	Y	Y	Y	Y		Exclude	Experiences, but no emotional impact
38. Neel De Bal 2006 Belgium	Y	N	Y	Y	N	N	Y	Y	Y	Y		Exclude	Conducted at a time when Euthanasia was still illegal, hence does not meet

												inclusion criteria.
39. Bernadette 2006 Belgium	Y	N	Y	Y	N	N	Y	Y	Y	Y	Exclude	As above.
40. Veerport et al 2006 USA	Y	N	Y	Y	N	N	Y	Y	Y	Y	Exclude	As above
41. Wright et al., 2017 Canada	Y	N	Y	Y	N	N	Y	Y	Y	Y	Exclude	Data collected in 2012-2013 when MAiD illegal.
42. Curry et al., 2000 USA, Connecticut 909 physicians.	Y	N	Y	Y	N	N	N	N	Y	Y	Exclude	Assisted suicide illegal, Plus experiences and no emotional impact
43. Susan Price 2001 USA, 11 nurses and 10 physicians. North Carolina	Y	N	Y	Y	N	N	Y	Y	Y	Y	Exclude	Assisted suicide illegal in North Carolina, hence does not meet inclusion criteria
44. France Norwood 2009 Netherlands	Y	N	Y	Y	N	N	Y	Y	Y	Y	Exclude	No emotional impact. Evaluates absence of abuse
45. Smith et al., 2013 USA, South Mississippi	Y	N	Y	Y	N	N	Y	Y	Y	Y	Exclude	Assisted death illegal in mississippi and hence does not meet inclusion criteria
46. Beuthin et al., 2020 Canada 8 physicians.	Y	Y	Y	Y	N	N	Y	Y	Y	Y	include	
47. Khosnood et al., 2018 19 physicians, Canada	Y	Y	Y	Y	N	N	Y	Y	Y	Y	Include	

48. Pesut et al., 2020 59 RN and NPs, Canada	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	include	
49. Keri-Lyn Durant and Katherine kortes Miller 2020 Canada	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	Include	
50. Snijdewind et al., 2016 Netherlands 28 physicians	Y	Y	Y	Y	N	N	Y	Y	Y	Y	include	
51. Mathews et al., 2021. Canada 23 palliative care providers (13 physicians, 10 nurses)	Y	Y	Y	Y	N	N	Y	Y	Y	Y	include	

Grey literature	JBI Checklist	Q1:Congruity b/w philosophy and research	Q2:congruity b/w research method &question	Q3:congruity b/w Research method &Data collection	Q4:congruity b/w Research method & analysis	Q5: congruity b/w Research method & Results	Q6:Statement Locating the researcher	Q7: Influence Of Researcher addressed	Q8: Adequate Representa-Tion of Participants	Q9:ethical approval	Q10: Conclusion Flows from analysis	Appraisal	Reason for exclusion
1.Rosanne Beuthin, 2018. Canada. Nurse-1		Y	Y	Y	Y	Y	N	N	Y	Y	Y	include	
2. Evenblij et al., 2019. Netherlands, 1374 phys		Y	Y	Y	Y	Y	N	N	N	Y	Y		Exclude. 12 page questionnaire survey. Indepth exploration of emotion impact.
3. Alison Townsley 2018, Canada. 7 Nurses, SW and PSWs.		Y	Y	Y	Y	Y	Y	N	Y	Y	Y	include	
4. Gamondi et al., 2017, Switzerland. 23 palliative care physicians		Y	Y	Y	Y	Y	N	N	Y	Y	Y	include	
5. Bouthillier M-E, Opatry L 2019		Y	Y	Y	Y	Y	N	N	Y	Y	Y	include	
6. Joy Cayetano-Penman et al., July 2021 Australia. 21 Nurses.		Y	Y	Y	Y	Y	N	N	Y	Y	Y		Exclude. More a knowledge And attitude Rather than emotion impact.

7 Bruce A, Beuthin R 2019.	Y	Y	Y	Y	Y	N	N	Y	Y	Y	include	
8. Buchbinder et al, 2019 Vermont, USA. 37 health Care providers	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	include	
9 Allyson Oliphant 2017, Canada	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	include	
10 Kopchek, Lauren 2020, Canada. (masters thesis or Nurses)	Y	Y	Y	Y	Y	N	N	N	Y	Y		Exclude as study explored the ethical decision making experiences rather than emotional impact.
11 Gagnard, ME., Hurst, S. 2019. Switzerland. 26 Palliative as well as Primary care Providers.	Y	Y	Y	Y	Y	N	N	Y	Y	Y		Exclude. Explores Perspective on Existential Suffering and Not on Emotional Impact.
12 Ellen Wiebe et Al, April 2021. Canada. 14 Physicians and 1 NP	Y	Y	Y	Y	Y	N	N	Y	Y	Y		Exclude. Themes of Difficulties Providing MAiD during Covid 19 Rather than emotional Impact.
13. Sheridan, Laura 2017	Y	Y	Y	Y	Y	N	N	Y	Y	Y	include	

Total Included studies (N): 27 (Databases: OVID Medline, EMBASE, CINAHL, SCOPUS) + 8 (Grey literature search)=35

Critical Appraisal tool: The Joanna Briggs Institute Critical appraisal tools for use in Systematic reviews: checklist for Qualitative research Available from:

<http://joannabriggs.org/research/critical-appraisal-tools.html>

Discussion: Lockwood C, Munn Z, Porritt K. Qualitative research synthesis: methodological guidance for systematic reviewers utilizing meta-aggregation. *Int J Evid Based Healthc.* 2015;13(3):179–187.

Grey Literature databases (December 10th 2018 to March 1st, 2019, updated August 2020 and August 2021)

Total # Records after de-duplication: 13. Records selected after applying critical appraisal tool: 8.

Database	Search strategy	#records screened	# new records selected after applying after de-duplication and applying critical appraisal tool
Google scholar	With the exact phrase: "Medical assistance in dying" ; "physician assisted suicide"; With all the words: "emotional impact on health care providers involved in medical assistance in dying"	400	5
Des Lebris/Canadian Electronic Library	Medical assistance in dying	5	0
Canadian Institute of Health Information (CIHI)	Medical assistance in dying	7	0
OAIster database (includes WordCAT)	Medical Assistance in dying, Physician assisted suicide as key word	206	2
OpenGrey	Medical assistance in dying, Physician Assisted suicide as key word	4	0
BASE (Bielefeld Academic Search Engine)	Subject Heading search: "Medical Assistance in dying"	670	1

Selected records:

Google scholar included Results:

1. Beuthin R. Cultivating Compassion: The Practice Experience of a Medical Assistance in Dying Coordinator in Canada. *Qualitative Health Research*. 2018;28(11):1679-1691. doi:[10.1177/1049732318788850](https://doi.org/10.1177/1049732318788850)
2. Bouthillier M-E, Opatrny L. A qualitative study of physicians' conscientious objections to medical aid in dying. *Palliative Medicine*. 2019;33(9):1212-1220. doi:[10.1177/0269216319861921](https://doi.org/10.1177/0269216319861921)
3. Bruce A, Beuthin R. Medically Assisted Dying in Canada: "Beautiful Death" Is Transforming Nurses' Experiences of Suffering. *Canadian Journal of Nursing Research*. June 2019. doi:[10.1177/0844562119856234](https://doi.org/10.1177/0844562119856234)
4. Alison A. Townsley. Putting a Bow on Death and Dying-Health Care Professionals' Experiences with Medical Assistance in Dying (MAiD): A Foucauldian Discourse Analysis with Agambian Insights. [Practice Based Research Paper on the Internet]. York University School of Social Work; 2018. [Cited February 28,2019] Available from: https://yorkspace.library.yorku.ca/xmlui/bitstream/handle/10315/35613/Alison_Townsley_PRP_2018.pdf?sequence=1
5. Gamondi C, Borasio GD, Oliver P, Preston N, Payne S. Responses to assisted suicide requests: an interview study with Swiss palliative care physicians. *BMJ Support Palliat Care*. 2019 Mar;9(1):e7. doi: 10.1136/bmjspcare-2016-001291. Epub 2017 Aug 11. Available from <https://pubmed.ncbi.nlm.nih.gov/28801317/>

OAlster included Results:

1. Implementing Medical Aid-in-Dying in Vermont: a Qualitative Study. *J GEN INTERN MED* **34**, 636–641 (2019). <https://doi.org/10.1007/s11606-018-4811-1>
2. Allyson Oliphant. "If Not Me, Then Who?" The Narratives of Medical Aid in Dying (MAiD) Providers and Supporters Around Their Professional Identity and Role in MAiD [Thesis on the Internet]. MacMaster University; 2017. [Cited on February 10, 2019]. Available from <http://hdl.handle.net/11375/22146>

BASE included results:

1. Sheridan, Laura, "When Patients Ask to Die: The Role of Nurses in Medical Assistance in Dying" (2017). Electronic Thesis and Dissertation Repository. 5041. <https://ir.lib.uwo.ca/etd/5041>

