

# Search categories and terms for search in the Cinahl database

Category	Search terms
Distress	1. TI "pain" or AB "pain" or MH "Pain+" or MH "Treatment Related Pain"
	2. TI "fear*" or AB "fear*" or TI "coping" or AB "coping" or MH "Coping+"
	3. TI "distress" or AB "distress" or TI "discomfort*" or AB "discomfort"
	4. TI "anxi*" or AB "anxi*" or MH "Anxiety+" or MH "Anticipatory anxiety"
	5. TI "stress*" or AB "stress*" or MH "Stress Management" or MH "Stress, Psychological+"
	6. 1 to 5 as OR
Relaxation	7. TI "distract*" or AB "distract*" or MH "Distraction"
	8. TI "relax*" or AB "relax*" or MH "Relaxation Techniques+"
	9. MH "Play and Playthings" or MH "Play Therapy" or TI "play" or AB "play"
	10. 7 to 9 as OR
Well-being	11. TI well-being or TI wellbeing or AB well-being or AB wellbeing or MH psychological well-being
	12. TI quality of life or AB quality of life or MH quality of life+
	13. TI enjoy* or AB enjoy* or TI happ* or AB happ* or TI pleasure or AB pleasure or MH pleasure
	14. TI confiden* or AB confiden* or MH confidence or MH personal satisfaction
	15. TI "emotional regulation" or AB "emotional regulation" or MH self regulation
	16. TI resilien* or AB resilien* or TI hardiness or AB hardiness or MH hardiness
	17. TI self-efficacy or AB self-efficacy or MH self concept+
	18. TI self concept or AB self concept or TI spiritual* or AB spiritual* or MH spirituality
	19. TI orientation or AB orientation or MH orientation
	20. TI self esteem or AB self esteem or MH self concept+
	21. TI autonom* or AB autonom* or MH autonomy+
	22. TI vitality or AB vitality or TI 'inner peace' or AB 'inner peace' OR TI openness or AB openness
	23. 11 to 22 as OR
Social robot	24. TI companion* or AB companion* or TI pet or AB pet or TI animal or AB animal
	25. TI social or AB social or TI humanoid or AB humanoid or TI interactive or AB interactive
	26. TI "robot*" or AB "robot*" or MH "Robotics"
	27. 26 AND (24 or 25)
Child	28. TI "child*" or AB "child*" or AB "adolescenc*" or TI "adolescenc*" or MH "Child+"
Search string 1	29. 27 AND (6 or 10 or 23)
Search string 2	30. 28 AND 29
Search string 3	31. limit 29 to (all child)
Search string 4	32. 30 or 31