



Riktade interventioner för att förebygga suicidförsök och självskadebeteende hos barn och ungdomar Prevention of self-harm and suicide attempts in children and adolescents at risk, rapport 378 (2024), rapport 378 (2024)

## Bilaga 1 Sökdokumentation/Appendix 1 Search strategies

If all or a substantive part of the search strategies below are reused in another publication, please cite this report!

### Update based on Witt 2021<sup>1</sup>

PsyclINFO via EBSCO 4 March 2024

**Title:** Prevention of self-harm and suicide attempts in children and adolescents at risk. A systematic review and assessment of medical, economic, social and ethical aspects

Search terms	Items found
<b>Population</b>	
1. DE Self-destructive Behavior	3,464
2. DE Self-inflicted Wounds	815
3. DE Suicidal Behavior	770
4. DE Suicide	37,566
5. DE Suicidal Ideation	15,269
6. DE Attempted Suicide	12,415
7. DE Self-Poisoning	333
8. DE Suicide Prevention	6,696
9. DE Suicide Prevention Centers	142
10. DE Suicidology	475
11. DE Nonsuicidal Self-Injury	7,358
12. TI ( suicid* OR parasuicid* OR "auto mutilat*" OR automutilat* OR "self destruct*" OR selfdestruct* OR self-harm* OR selfharm* OR "self immolat*" OR selfimmolat* OR "self inflict*" OR selfinflict* OR "self injur*" OR selfinjur* OR selfmutilat* OR "self mutilat*" OR self poison* OR selfpoison* OR (self N2 (cut OR cuts OR cutting OR cutter* OR burn OR burns OR burning OR bite OR bites OR biting OR hit OR hits OR hitting)) OR "head bang*" OR headbang* ) OR AB ( suicid* OR parasuicid* OR "auto mutilat*" OR automutilat* OR "self destruct*" OR selfdestruct* OR self-harm* OR selfharm* OR "self immolat*" OR selfimmolat* OR "self inflict*" OR selfinflict* OR "self injur*" OR selfinjur* OR selfmutilat* OR "self mutilat*" OR self poison* OR selfpoison* OR (self N2 (cut OR cuts OR cutting OR cutter* OR burn OR burns OR burning OR bite OR bites OR biting OR hit OR hits OR hitting)) OR "head bang*" OR headbang* ) OR KW ( suicid* OR parasuicid* OR "auto mutilat*" OR automutilat* OR "self destruct*" OR selfdestruct* OR self-harm* OR selfharm* OR "self immolat*" OR selfimmolat* OR "self inflict*" OR selfinflict* OR "self injur*" OR selfinjur* OR selfmutilat* OR "self mutilat*" OR self poison* OR selfpoison* OR (self N2 (cut OR cuts OR cutting OR cutter* OR burn OR burns OR burning OR bite OR bites OR biting OR hit OR hits OR hitting)) OR "head bang*" OR headbang* )	91,237
13. TI ( nssi? OR ((nonsuicid* OR non-suicid*) N2 (self* OR injur*)) ) OR AB ( nssi? OR ((nonsuicid* OR non-suicid*) N2 (self* OR injur*)) ) OR KW ( nssi? OR ((nonsuicid* OR non-suicid*) N2 (self* OR injur*)) )	3,131
14. DE Drug Overdoses	3,031
15. TX prevent*	587,712

<sup>1</sup> Witt KG, Hetrick SE, Rajaram G, Hazell P, Taylor Salisbury TL, Townsend E, Hawton K. Interventions for self-harm in children and adolescents. Cochrane Database of Systematic Reviews 2021, Issue 3. Art. No.: CD013667. DOI: 10.1002/14651858.CD013667.pub2.

16.	S14 AND S15	1,143
17.	TI ( (nonfatal OR non-fatal) N2 (overdose* OR "over dose*") ) OR AB ( (nonfatal OR non-fatal) N2 (overdose* OR "over dose*") ) OR KW ( (nonfatal OR non-fatal) N2 (overdose* OR "over dose*") )	390
18.	1 OR 2 OR 3 OR 4 OR 5 OR 6 OR 7 OR 8 OR 9 OR 10 OR 11 OR 12 OR 13 OR 16 OR 17	94,478
<b>Study types: randomised controlled trials</b>		
19.	DE Randomized Controlled Trials	1,061
20.	DE Randomized Clinical Trials	522
21.	DE Random Sampling	1,000
22.	TI ( randomi?ed OR randomi?ation OR randomi?ing ) OR AB ( randomi?ed OR randomi?ation OR randomi?ing ) OR KW ( randomi?ed OR randomi?ation OR randomi?ing )	113,683
23.	TI ( rct OR "at random" OR (random* N3 (administ* OR allocat* OR assign* OR class* OR cluster OR crossover OR cross-over OR control* OR determine* OR divide* OR division OR distribut* OR expose* OR fashion OR number* OR place* OR pragmatic OR quasi OR recruit* OR split OR substitut* OR treat*)) ) OR AB ( rct OR "at random" OR (random* N3 (administ* OR allocat* OR assign* OR class* OR cluster OR crossover OR cross-over OR control* OR determine* OR divide* OR division OR distribut* OR expose* OR fashion OR number* OR place* OR pragmatic OR quasi OR recruit* OR split OR substitut* OR treat*)) ) OR KW ( rct OR "at random" OR (random* N3 (administ* OR allocat* OR assign* OR class* OR cluster OR crossover OR cross-over OR control* OR determine* OR divide* OR division OR distribut* OR expose* OR fashion OR number* OR place* OR pragmatic OR quasi OR recruit* OR split OR substitut* OR treat*)) )	193,595
24.	TI trial	49,934
25.	DE Placebo	6,627
26.	TI ( placebo AND (allocat* OR assign* OR control* OR group*) ) OR AB ( placebo AND (allocat* OR assign* OR control* OR group*) ) OR KW ( placebo AND (allocat* OR assign* OR control* OR group*) )	32,874
27.	AB control* N3 group*	123,162
28.	TI ( control* AND (trial OR study OR group*) AND (waitlist* OR "wait* list*" OR ((treatment OR care) N2 usual)) ) OR AB ( control* AND (trial OR study OR group*) AND (waitlist* OR "wait* list*" OR ((treatment OR care) N2 usual)) ) OR KW ( control* AND (trial OR study OR group*) AND (waitlist* OR "wait* list*" OR ((treatment OR care) N2 usual)) )	13,751
29.	TI ( (single OR double OR triple OR treble) N2 (blind* OR mask* OR dummy) ) OR AB ( (single OR double OR triple OR treble) N2 (blind* OR mask* OR dummy) ) OR KW ( (single OR double OR triple OR treble) N2 (blind* OR mask* OR dummy) )	29,867
30.	DE Treatment Effectiveness Evaluation	29,305
31.	19 OR 20 OR 21 OR 22 OR 23 OR 24 OR 25 OR 26 OR 27 OR 28 OR 29 OR 30	366,157
<b>Combined sets</b>		
32.	18 AND 31	6,884
<b>Limits</b>		
33.	32 AND Publication Year: 2020-2024	1,819
<b>Final result</b>		
34.		<b>1,819</b>

The final search result, usually found at the end of the documentation, forms the list of abstracts.

**AB** = Abstract; **DE** = Term from the thesaurus; **KW** = Author keyword; **TI** = Title; **\*** = Truncation; **" "** = Citation Marks; searches for an exact phrase; **?** = replaces one letter; **N** = Near Operator (N) finds the words if they are a maximum of x words apart from one another, regardless of the order in which they appear

**Cochrane Library via Wiley 4 March 2024 (CENTRAL)**

**Title:** Prevention of self-harm and suicide attempts in children and adolescents at risk. A systematic review and assessment of medical, economic, social and ethical aspects

Search terms		Items found
<b>Population</b>		
1.	MeSH descriptor: [Self-Injurious Behavior] explode all trees	2,441
2.	(overdose* and prevent*):kw or (overdos* near/3 prevent*):ti,ab	262
3.	((nonfatal or non-fatal) near/2 (overdose* or over dose*)):ti,ab,kw	64
4.	(NSSI* or ((nonsuicid* or non-suicid*) near/2 (self* or injur*)):ti,ab	246
5.	(suicid* or parasuicid* or (auto nextmutilat*) or automutilat* or (self next destruct*) or selfdestruct* or self-harm* or selfharm* or (self next harm*) or (self next immolat*) or selfimmolat* or (self next inflict*) or selfinflict* or (self next injur*) or selfinjur* or selfmutilat* or (self next mutilat*) or (self next poison*) or selfpoison* or (self near/2 (cut or cuts or cutting or cutter* or burn or burns or burning or bite or bites or biting or hit or hits or hitting)) or (head next bang*) or headbang*):ti,ab,kw	12,955
6.	1 OR 2 OR 3 OR 4 OR 5	13,242
<b>Limits</b>		
7.	6 AND with Cochrane Library publication date from Jan 2020 to Mar 2024, in Trials	4,728
8.	7 AND NOT CT OR ICTRP (in EndNote)	2,610
<b>Final result</b>		
9.		<b>2,610</b>

The final search result, usually found at the end of the documentation, forms the list of abstracts.

**:au** = Author; **MeSH** = Term from the Medline controlled vocabulary, including terms found below this term in the MeSH hierarchy; **:ti** = Title; **:ab** = Abstract; **:kw** = Keyword; **\*** = Truncation; **" "** = Citation Marks; searches for an exact phrase; **?** = replaces one letter; **NEAR/n** = Requests terms that are within 'n' words of each other in either direction; **NEXT/n** = Requests terms that are within 'n' words of each other in the order specified

**Embase via Elsevier 4 March 2024**

**Title:** Prevention of self-harm and suicide attempts in children and adolescents at risk. A systematic review and assessment of medical, economic, social and ethical aspects

Search terms	Items found
<b>Population</b>	
1. 'automutilation'/de	26,544
2. 'suicidal behavior'/de	20,661
3. 'self immolation'/de	63
4. 'self poisoning'/de	2,586
5. 'suicidal ideation'/de	33,376
6. 'suicide'/de	71,564
7. 'suicide attempt'/de	41,046
8. 'drug overdose'/de AND prevent*:ti,ab,kw	4,746
9. suicid*:ti,kw OR parasuicid*:ti,kw OR 'auto mutilat*':ti,kw OR automutilat*:ti,kw OR 'self destruct*':ti,kw OR selfdestruct*:ti,kw OR 'self harm*':ti,kw OR selfharm*:ti,kw OR 'self immolat*':ti,kw OR selfimmolat*:ti,kw OR 'self inflict*':ti,kw OR selfinflict*:ti,kw OR 'self injur*':ti,kw OR selfinjur*:ti,kw OR selfmutilat*:ti,kw OR 'self mutilat*':ti,kw OR 'self poison*':ti,kw OR selfpoison*:ti,kw OR ((self NEAR/2 (cut OR cuts OR cutting OR cutter? OR burn OR burns OR burning OR bite OR bites OR biting OR hit OR hits OR hitting)):ti,kw) OR 'head bang*':ti,kw OR headbang*:ti,kw	83,928
10. nssi?:ti,ab,kw OR (((nonsuicid* OR 'non-suicid*') NEAR/2 (self* OR injur*)):ti,ab,kw)	3,217
11. ((nonfatal OR 'non fatal') NEAR/2 (overdose? OR 'over dose?')):ti,ab,kw	239
12. 1 OR 2 OR 3 OR 4 OR 5 OR 6 OR 7 OR 8 OR 9 OR 10 OR 11	166,205
<b>Study types: randomised controlled trials</b>	
13. 'randomized controlled trial'/de	809,970
14. 'randomization'/de	98,855
15. 'controlled clinical trial'/de	442,306
16. 'controlled clinical trial'/de AND ('disease management':lnk OR 'drug therapy':lnk OR 'prevention or rehabilitation':lnk OR 'therapy':lnk)	219,866
17. 'clinical trial'/mj	17,385
18. placebo:de	420,719
19. placebo:ti,ab	373,564
20. trial:ti	422,4064
21. randomi?ed:ti,ab,kw OR randomi?ation:ti,ab,kw OR randomi?ing:ti,ab,kw	1,215,162
22. rct:ti,ab,kw OR 'at random':ti,ab,kw OR ((random* NEAR/3 (administ* OR allocat* OR assign* OR class* OR cluster OR control* OR crossover OR 'cross over' OR determine* OR divide* OR division OR distribut* OR expose* OR fashion OR number* OR place* OR pragmatic OR quasi OR recruit* OR split OR substitut* OR treat*)):ti,ab,kw)	1,033,017
23. ((singl* OR doubl* OR trebl* OR tripl*) NEAR/3 (blind* OR mask* OR dummy)):ti,ab,kw	293,169
24. control*:ti,ab,kw AND (study:ti,ab,kw OR group*:ti,ab,kw) AND ((waitlist*:ti,ab,kw OR wait*:ti,ab,kw) AND list*:ti,ab,kw OR (((treatment OR care) NEAR/2 usual):ti,ab,kw))	36,782
25. 13 OR 14 OR 15 OR 16 OR 17 OR 18 OR 19 OR 20 OR 21 OR 22 OR 23 OR 24	2,255,023
<b>Combined sets</b>	
26. 12 AND 25	11,162
<b>Limits</b>	
27. 26 AND (2020:py OR 2021:py OR 2022:py OR 2023:py OR 2024:py)	2,949
<b>Final result</b>	
28.	2,949

The final search result, usually found at the end of the documentation, forms the list of abstracts.

**/de** = Term from the EMTREE controlled vocabulary; **/exp** = Includes terms found below this term in the EMTREE hierarchy; **:ab** = Abstract; **:kw** = Author keyword ; **:ti** = Article Title; **:ti,ab** = Title or abstract; **\*** = Truncation; **' '** = Citation Marks;

searches for an exact phrase; **NEAR/n** = Requests terms that are within 'n' words of each other in either direction; ? = replaces one letter

**Medline via OvidSP 4 March 2024**

**Title:** Prevention of self-harm and suicide attempts in children and adolescents at risk. A systematic review and assessment of medical, economic, social and ethical aspects

Search terms	Items found
<b>Population</b>	
1. Self-Injurious Behavior/	10,246
2. Self-Mutilation/	3,252
3. Suicide/	41,230
4. Suicidal Ideation/	13,692
5. Suicide, Attempted/	23,330
6. Suicide Prevention/	11,540
7. (suicid* or parasuicid* or auto mutilat* or automutilat* or self destruct* or selfdestruct* or self-harm* or selfharm* or self immolat* or selfimmolat* or self inflict* or selfinflict* or self injur* or selfinjur* or selfmutilat* or self mutilat* or self poison* or selfpoison* or (self adj2 (cut or cuts or cutting or cutter? or burn or burns or burning or bite or bites or biting or hit or hits or hitting)) or head bang* or headbang*).ti,ab,kf.	114,558
8. (nssi? or ((non-suicid* or non-suicid*) adj2 (self* or injur*))).ti,ab,kf.	2,787
9. Drug Overdose/ and prevent*.af.	4,059
10. ((nonfatal or non-fatal) adj2 (overdose? or over dose?)).mp.	613
11. or/1-10	134,280
<b>Study types: randomised controlled trials</b>	
12. Randomized Controlled Trial/	609,693
13. Random Allocation/	107,101
14. Controlled Clinical Trial/	95,571
15. Double-Blind Method/	177,677
16. Single-Blind Method/	33,287
17. (randomi?ed or randomi?ation or randomi?ing).ti,ab,kf.	842,701
18. (rct or "at random" or (random* adj3 (administ* or allocat* or assign* or class* or cluster or crossover or cross-over or control* or determine* or divide* or division or distribut* or expose* or fashion or number* or place* or pragmatic or quasi or recruit* or split or substitut* or treat*))).ti,ab,kf.	752,238
19. trial.ti.	301,346
20. Placebos/ or (placebo and (allocat* or assign* or control* or group*)).ti,ab,kf.	223,888
21. (control* adj3 group*).ab.	686,868
22. (control* and (trial or study or group*) and (waitlist* or wait* list* or ((treatment or care) adj2 usual))).ti,ab,kf.	31,259
23. ((single or double or triple or treble) adj2 (blind* or mask* or dummy)).ti,ab,kf.	203,788
24. or/12-23	1,971,825
<b>Combined sets</b>	
25. 11 and 24	7,499
<b>Limits: XX</b>	
26. limit 25 to yr="2020 - 2024"	1,820
<b>Final result</b>	
27.	2,246

The final search result, usually found at the end of the documentation, forms the list of abstracts.

**.ab.** = Abstract; **exp** = Term from the Medline controlled vocabulary, including terms found below this term in the MeSH hierarchy; **.fs.** = Floating sub-heading, does not include terms found below this term in the MeSH hierarchy; **.kf.** = Author keyword; **.sh.** = Term from the Medline controlled vocabulary; **.ti.** = Title; **/** = Term from the Medline controlled vocabulary, but does not include terms found below this term in the MeSH hierarchy; **\*** = Focus (if found in front of a MeSH-term); **\*** = Truncation (if found at the end of a free text term); **.mp.** = Text, heading word, subject area node, title; **" "** = Citation Marks; searches for an exact phrase; **adjn** = Positional operator that lets you retrieve records that contain your terms (in any order) within a specified number (n) of words of each other; **?** = replaces one or no letters

## Four risk groups

### PsycINFO via EBSCO 7 February 2024

**Title:** Prevention of self-harm and suicide attempts in children and adolescents at risk. A systematic review and assessment of medical, economic, social and ethical aspects

Search terms	Items found
<b>Population</b>	
28. DE Self-destructive Behavior	3,462
29. DE Self-inflicted Wounds	814
30. DE Suicidal Behavior	728
31. DE Suicide	37,438
32. DE Suicidal Ideation	15,150
33. DE Attempted Suicide	12,359
34. DE Self-Poisoning	330
35. DE Suicide Prevention	6,657
36. DE Suicide Prevention Centers	142
37. DE Suicidology	474
38. DE Nonsuicidal Self-Injury	7,303
39. TI ( suicid* OR parasuicid* OR "auto mutilat*" OR automutilat* OR "self destruct*" OR selfdestruct* OR self-harm* OR selfharm* OR "self immolat*" OR selfimmolat* OR "self inflict*" OR selfinflict* OR "self injur*" OR selfinjur* OR selfmutilat* OR "self mutilat*" OR self poison* OR selfpoison* OR (self N2 (cut OR cuts OR cutting OR cutter* OR burn OR burns OR burning OR bite OR bites OR biting OR hit OR hits OR hitting)) OR "head bang*" OR headbang* ) OR AB ( suicid* OR parasuicid* OR "auto mutilat*" OR automutilat* OR "self destruct*" OR selfdestruct* OR self-harm* OR selfharm* OR "self immolat*" OR selfimmolat* OR "self inflict*" OR selfinflict* OR "self injur*" OR selfinjur* OR selfmutilat* OR "self mutilat*" OR self poison* OR selfpoison* OR (self N2 (cut OR cuts OR cutting OR cutter* OR burn OR burns OR burning OR bite OR bites OR biting OR hit OR hits OR hitting)) OR "head bang*" OR headbang* ) OR KW ( suicid* OR parasuicid* OR "auto mutilat*" OR automutilat* OR "self destruct*" OR selfdestruct* OR self-harm* OR selfharm* OR "self immolat*" OR selfimmolat* OR "self inflict*" OR selfinflict* OR "self injur*" OR selfinjur* OR selfmutilat* OR "self mutilat*" OR self poison* OR selfpoison* OR (self N2 (cut OR cuts OR cutting OR cutter* OR burn OR burns OR burning OR bite OR bites OR biting OR hit OR hits OR hitting)) OR "head bang*" OR headbang* )	90,798
40. TI ( nssi? OR ((nonsuicid* OR non-suicid*) N2 (self* OR injur*)) ) OR AB ( nssi? OR ((nonsuicid* OR non-suicid*) N2 (self* OR injur*)) ) OR KW ( nssi? OR ((nonsuicid* OR non-suicid*) N2 (self* OR injur*)) )	3,104
41. DE Drug Overdoses	2,995
42. TX prevent*	585,708
43. S14 AND S15	1,123
44. TI ( (nonfatal OR non-fatal) N2 (overdose* OR "over dose*") ) OR AB ( (nonfatal OR non-fatal) N2 (overdose* OR "over dose*") ) OR KW ( (nonfatal OR non-fatal) N2 (overdose* OR "over dose*") )	386
45. 1 OR 2 OR 3 OR 4 OR 5 OR 6 OR 7 OR 8 OR 9 OR 10 OR 11 OR 12 OR 13 OR 16 OR 17	94,017
<b>Risk group: HBTQ</b>	
46. DE "LGBTQ" OR DE "Asexuality" OR DE "Bisexuality" OR DE "Homosexuality" OR DE "Lesbianism" OR DE "Male Homosexuality" OR DE "Transgender" OR DE "Transsexualism" OR DE "Same Sex Couples" OR DE "Same Sex Marriage" OR DE "Sexual Minority Groups" OR DE "Coming Out"	45,881
47. TI ( (lgbt* OR glbt* OR lgb OR lgbq* OR lgb* OR m2f OR glb OR glbq* OR glbs* OR heteroflexible* OR gbmsm* OR msm OR tgnc* OR ytw OR gay OR gays OR lesbi* OR bisexu?l* OR transgender* OR bicurious* OR transpeople* OR asexual* OR "women loving women" OR "women who have sex with women" OR transvestite OR "cross sex*" OR crosssex* OR crossgender* OR f2m OR transperson* OR transsexual* OR homosexual* OR intersex* OR queer* OR (trans N2 (people OR individual OR individuals OR person OR	100,163

	persons OR sexual* OR man OR men OR male OR female OR youth* OR woman OR women OR population* OR gender)) OR ((gender* OR sex OR sexual) N2 (change OR dysphoria OR reversal OR identit* OR reassign OR transform* OR transition* OR minorit* OR sexual* OR binary))) ) OR AB ( (lgbt* OR glbt* OR lgb OR lgbq* OR lgbs* OR m2f OR glb OR glbq* OR glbs * OR heteroflexible* OR gbmsm* OR msm OR tgnc* OR ytw OR gay OR gays OR lesbi* OR bisexu?!* OR transgender* OR bicurious* OR transpeople* OR asexual* OR "women loving women" OR "women who have sex with women" OR transvestite OR "cross sex*" OR crossex* OR crossgender* OR f2m OR transperson* OR transsexual* OR homosexual* OR intersex* OR queer* OR (trans N2 (people OR individual OR individuals OR person OR persons OR sexual* OR man OR men OR male OR female OR youth* OR woman OR women OR population* OR gender)) OR ((gender* OR sex OR sexual) N2 (change OR dysphoria OR reversal OR identit* OR reassign OR transform* OR transition* OR minorit* OR sexual* OR binary))) ) OR KW ( (lgbt* OR glbt* OR lgb OR lgbq* OR lgbs* OR m2f OR glb OR glbq* OR glbs * OR heteroflexible* OR gbmsm* OR msm OR tgnc* OR ytw OR gay OR gays OR lesbi* OR bisexu?!* OR transgender* OR bicurious* OR transpeople* OR asexual* OR "women loving women" OR "women who have sex with women" OR transvestite OR "cross sex*" OR crossex* OR crossgender* OR f2m OR transperson* OR transsexual* OR homosexual* OR intersex* OR queer* OR (trans N2 (people OR individual OR individuals OR person OR persons OR sexual* OR man OR men OR male OR female OR youth* OR woman OR women OR population* OR gender)) OR ((gender* OR sex OR sexual) N2 (change OR dysphoria OR reversal OR identit* OR reassign OR transform* OR transition* OR minorit* OR sexual* OR binary))) )	
48.	19 OR 20	101,872
<b>Risk group: abuse</b>		
49.	DE "Alcohol Abuse" OR DE "Alcoholism" OR DE "Alcohol Use Disorder" OR DE "Alcohol Abuse" OR DE "Alcoholism" OR DE "Drug Abuse" OR DE "Inhalant Abuse" OR DE "Polydrug Abuse" OR DE "Drug Addiction" OR DE "Drug Dependency" OR DE "Substance Related and Addictive Disorders" OR DE "Substance Use Disorder" OR DE "Gambling Disorder"	135,316
50.	TI ( (alcohol* OR amphetamine* OR cannabis OR cocaine OR crack OR drug OR hallucinogen* OR hashish OR heroin OR inhalant* OR marihuana OR marijuana OR narcotic* OR opiate* OR opioid* OR phencyclidine OR psychedelic* OR sedative* OR substance* OR prescription) N3 (abuse OR abusing OR addict* OR dependen* OR disorder* OR misuse) ) OR AB ( (alcohol* OR amphetamine* OR cannabis OR cocaine OR crack OR drug OR hallucinogen* OR hashish OR heroin OR inhalant* OR marihuana OR marijuana OR narcotic* OR opiate* OR opioid* OR phencyclidine OR psychedelic* OR sedative* OR substance* OR prescription) N3 (abuse OR abusing OR addict* OR dependen* OR disorder* OR misuse) ) OR KW ( (alcohol* OR amphetamine* OR cannabis OR cocaine OR crack OR drug OR hallucinogen* OR hashish OR heroin OR inhalant* OR marihuana OR marijuana OR narcotic* OR opiate* OR opioid* OR phencyclidine OR psychedelic* OR sedative* OR substance* OR prescription) N3 (abuse OR abusing OR addict* OR dependen* OR disorder* OR misuse)	152,566
51.	TI ( (illicit OR unsanctioned OR non-medical OR prescription) N3 (misuse OR abuse OR abusing OR addict* OR depend* OR disorder*) N3 (drug* OR opioid* OR analgesic*) ) OR AB ( (illicit OR unsanctioned OR non-medical OR prescription) N3 (misuse OR abuse OR abusing OR addict* OR depend* OR disorder*) N3 (drug* OR opioid* OR analgesic*) ) OR KW ( (illicit OR unsanctioned OR non-medical OR prescription) N3 (misuse OR abuse OR abusing OR addict* OR depend* OR disorder*) N3 (drug* OR opioid* OR analgesic*) )	2,975
52.	TI ( alcoholism OR alcoholic* OR "chronic alcohol misuse" OR "chronic excessive alcohol" OR "alcohol use disorder*" OR gambi* OR betting OR roulette OR casino* OR poker OR "electronic blackjack*" OR "gaming machine*" OR "slot machine*" OR pokie* OR "fruit machine" OR bingo OR "sports bet*" OR bets OR keno OR lottery OR lotteries OR lotto OR "scratch card*" OR "football pool*" OR wagering ) OR AB ( alcoholism OR alcoholic* OR "chronic alcohol misuse" OR "chronic excessive alcohol" OR "alcohol use disorder*" OR gambi* OR betting OR roulette OR casino* OR poker OR "electronic blackjack*" OR "gaming machine*" OR "slot machine*" OR pokie* OR "fruit machine" OR bingo OR "sports bet*" OR bets OR keno OR lottery OR lotteries OR lotto OR "scratch card*" OR "football pool*" OR wagering ) OR KW ( alcoholism OR alcoholic* OR "chronic alcohol misuse" OR "chronic excessive alcohol" OR "alcohol use disorder*" OR gambi* OR betting OR roulette OR casino* OR poker OR "electronic blackjack*" OR "gaming machine*" OR "slot machine*" OR	64,998



	pokie* OR "fruit machine" OR bingo OR "sports bet*" OR bets OR keno OR lottery OR lotteries OR lotto OR "scratch card*" OR "football pool*" OR wagering )	
53.	21 or 22 or 23 or 24	220,514
<b>Risk group: refugees</b>		
54.	(DE "Human Migration" OR DE "Human Displacement" OR DE "Immigration" OR DE "Undocumented Immigration" OR DE "Refugees" OR DE "Migrant Farm Workers" OR DE "Migrant Workers" OR DE "Asylum Seeking" OR DE "Political Asylum"	44,076
55.	TI ( "adopted country" OR alien OR aliens OR asylee OR asylees OR asylum OR "au pairs" OR "au pair" OR "birth abroad" OR "birth countries" OR "birth country" OR "birth overseas" OR "born abroad" OR "born overseas" OR "border communities" OR "border community" OR "border health" OR "civil surgeon" OR "civil surgeons" OR citizenship OR "countries of birth" OR "country of birth" OR "country of destination" OR "countries of origin" OR "country of origin" OR "customs and border protection" OR "deferred action for childhood arrivals" OR daca OR "department of homeland security" OR deport OR deportation OR deportations OR deported OR "destination countries" OR "destination country" OR "diasporic communities" OR "diasporic community" OR "displaced person" OR "displaced persons" OR "displaced children" OR "displaced families" OR "displaced individuals" OR "displaced men" OR "displaced patients" OR "displaced people" OR "displaced peoples" OR "displaced women" OR "internationally displaced" OR "duration of residence" OR "ellis island" OR emigrate OR emigrated OR emigration OR emigrant OR emigrants OR emigrating OR "exchange student" OR "exchange students" OR "exchange visitor" OR "exchange visitors" OR exile OR exiled OR exiles OR expatriation OR expatriate OR expatriates OR expatriated OR "family reunification" OR "family reunifications" OR "first generation" OR "first generations" OR "2.5 generation" OR "2.5 generations" OR "second generations" OR "third generation" OR "third generations" OR "mixed generation" OR "foreign birth" OR "foreign born" OR "foreign brides" OR "foreign citizen" OR "foreign citizens" OR "foreign citizenship" OR "foreign families" OR "foreign family" OR "foreign children" OR "foreign men" OR "foreign minor" OR "foreign minors" OR "foreign female" OR "foreign females" OR "foreign individuals" OR "foreign male" OR "foreign males" OR "foreign patient" OR "foreign patients" OR "foreign people" OR "foreign person" OR "foreign persons" OR "foreign resident" OR "foreign residents" OR "foreign national" OR "foreign nationals" OR "foreign nationalities" OR "foreign nationality" OR "foreign population" OR "foreign populations" OR "foreign woman" OR "foreign women" OR foreigner OR foreigners OR "green card" OR "green cards" OR "guest worker" OR "guest workers" OR "h 1b" OR "host countries" OR "host country" OR "host societies" OR "host society" OR immigrant OR immigrants OR immigrate OR immigrated OR immigrates OR immigrating OR immigration OR "intercountry adoption" OR "intercountry adoptions" OR "international adoption" OR "international adoptions" OR "international student" OR "international students" OR "length of residence" OR "length of residency" OR "maternal nativity" OR migrant OR migrants OR migration OR "migrated children" OR nativity OR naturalization OR naturalized OR "new countries" OR "new country" OR "new entrant" OR "new entrants" OR "new settler" OR "new settlers" OR "non citizen" OR "non citizens" OR noncitizen OR noncitizens OR "non national" OR "non nationals" OR nonnational OR nonnationals OR nonnative OR nonnatives OR "non native" OR "non natives" OR "non refoulement" OR nonrefugee OR nonrefugees OR "overseas birth" OR "overseas born" OR "permanent residence" OR "permanent residency" OR "permanent resident" OR "permanent residents" OR "port health" OR postmigration OR premigration OR "receiving countries" OR "receiving country" OR "receiving societies" OR "receiving society" OR refugee OR refugees OR "region of origin" OR "regions of origin" OR "resettlement countries" OR "resettlement country" OR "seasonal farmworkers" OR "seasonal farm worker" OR "seasonal farm workers" OR "seasonal farmworker" OR "seasonal worker" OR "seasonal workers" OR "stateless people" OR "stateless person" OR "stateless persons" OR "stateless children" OR "stateless individuals" OR "stateless patients" OR "temporary protected status" OR "transnational community" OR "unaccompanied child" OR "unaccompanied children" OR "unaccompanied minor" OR "unaccompanied minors" OR undocumented OR unhcr OR visa OR visas OR "voluntary return" OR xenophobia OR xenophobic ) OR AB ( "adopted country" OR alien OR aliens OR asylee OR asylees OR asylum OR "au pairs" OR "au pair" OR "birth abroad" OR "birth countries" OR "birth country" OR "birth overseas" OR "born abroad" OR "born overseas" OR "border communities" OR "border community" OR "border health" OR "civil surgeon" OR "civil surgeons" OR citizenship OR "countries of birth" OR "country of birth" OR "country of	115,061

destination" OR "countries of origin" OR "country of origin" OR "customs and border protection" OR "deferred action for childhood arrivals" OR daca OR "department of homeland security" OR deport OR deportation OR deportations OR deported OR "destination countries" OR "destination country" OR "diasporic communities" OR "diasporic community" OR "displaced person" OR "displaced persons" OR "displaced children" OR "displaced families" OR "displaced individuals" OR "displaced men" OR "displaced patients" OR "displaced people" OR "displaced peoples" OR "displaced women" OR "internationally displaced" OR "duration of residence" OR "ellis island" OR emigrate OR emigrated OR emigration OR emigrant OR emigrants OR emigrating OR "exchange student" OR "exchange students" OR "exchange visitor" OR "exchange visitors" OR exile OR exiled OR exiles OR expatriation OR expatriate OR expatriates OR expatriated OR "family reunification" OR "family reunifications" OR "first generation" OR "first 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society" OR immigrant OR immigrants OR immigrate OR immigrated OR immigrates OR immigrating OR immigration OR "intercountry adoption" OR "intercountry adoptions" OR "international adoption" OR "international adoptions" OR "international student" OR "international students" OR "length of residence" OR "length of residency" OR "maternal nativity" OR migrant OR migrants OR migration OR "migrated children" OR nativity OR naturalization OR naturalized OR "new countries" OR "new country" OR "new entrant" OR "new entrants" OR "new settler" OR "new settlers" OR "non citizen" OR "non citizens" OR noncitizen OR noncitizens OR "non national" OR "non nationals" OR nonnational OR nonnationals OR nonnative OR nonnatives OR "non native" OR "non natives" OR "non refoulement" OR nonrefugee OR nonrefugees OR "overseas birth" OR "overseas born" OR "permanent residence" OR "permanent residency" OR "permanent resident" OR "permanent residents" OR "port health" OR postmigration OR premigration OR "receiving countries" OR "receiving country" OR "receiving societies" OR "receiving society" OR refugee OR refugees OR "region of origin" OR "regions of origin" OR "resettlement countries" OR "resettlement country" OR "seasonal farmworkers" OR "seasonal farm worker" OR "seasonal farm workers" OR "seasonal farmworker" OR "seasonal worker" OR "seasonal workers" OR "stateless people" OR "stateless person" OR "stateless persons" OR "stateless children" OR "stateless individuals" OR "stateless patients" OR "temporary protected status" OR "transnational community" OR "unaccompanied child" OR "unaccompanied children" OR "unaccompanied minor" OR "unaccompanied minors" OR undocumented OR unhr OR visa OR visas OR "voluntary return" OR xenophobia OR xenophobic ) OR KW ( "adopted country" OR alien OR aliens OR asylee OR asylees OR asylum OR "au pairs" OR "au pair" OR "birth abroad" OR "birth countries" OR "birth country" OR "birth overseas" OR "born abroad" OR "born overseas" OR "border communities" OR 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56.	26 or 27	116,629
<b>Risk groups: convicts</b>		
57.	DE "Correctional Institutions" OR DE "Prisons" OR DE "Reformatories" OR DE "Maximum Security Facilities" OR DE "Halfway Houses" OR DE "Incarceration" OR DE "Incarcerated" OR DE "Formerly Incarcerated"	26,527
58.	TI ( coerc* OR convict OR convicts OR convicted OR correctional OR custod* OR detention OR detain* OR felon* OR gaol* OR incarce* OR inmate* OR institutional* OR jail* OR penal OR penitent* OR prison* OR "residential treatment*" OR restraint ) OR AB ( coerc* OR convict OR convicts OR convicted OR correctional OR custod* OR detention OR detain* OR felon* OR gaol* OR incarce* OR inmate* OR institutional* OR jail* OR penal OR penitent* OR prison* OR "residential treatment*" OR restraint ) OR KW ( coerc* OR convict OR convicts OR convicted OR correctional OR custod* OR detention OR detain* OR felon* OR gaol* OR incarce* OR inmate* OR institutional* OR jail* OR penal OR penitent* OR prison* OR "residential treatment*" OR restraint )	109,821
59.	29 or 30	111,776
<b>Child and adolescent</b>		
60.	DE "Child Behavior" OR DE "Child Psychology" OR DE "Youth Mental Health" OR DE "Adolescent Psychology" OR DE "Adolescent Psychiatry" OR DE "Emerging Adulthood"	36,312
61.	TI ( child* OR kid OR kids OR prepubescen* OR prepuberty* OR puberty OR pubescen* OR teen* OR young* OR youth* OR minors* OR "under ag*" OR underag* OR juvenile* OR girl* OR boy* OR preadolesc* OR adolesc* OR preschool* OR "elementary education" OR "elementary school*" OR "primary education" OR "primary school*" OR "k-12*" OR k12 OR 1st-grade* OR first-grade* OR "grade 1" OR "grade one" OR 2nd-grade* OR second-grade* OR grade 2 OR "grade two" OR 3rd-grade* OR third-grade* OR "grade 3" OR "grade three" OR 4th-grade* OR fourth-grade* OR "grade 4" OR "grade four" OR 5th-grade* OR fifth-grade* OR "grade 5" OR "grade five" OR 6th-grade* OR sixth-grade* OR "grade 6" OR	1,403,426

"grade six" OR "intermediate general" OR "middle school\*" OR "secondary education" OR "secondary school\*" OR 7th-grade\* OR seventh-grade\* OR "grade 7" OR "grade seven" OR 8th-grade\* OR eight-grade\* OR "grade 8" OR "grade eight" OR 9th-grade\* OR ninth-grade\* OR "grade 9" OR "grade nine" OR 10th-grade\* OR tenth-grade\* OR "grade 10" OR "grade ten" OR 11th-grade\* OR eleventh-grade\* OR "grade 11" OR "grade eleven" OR 12th-grade\* OR twelfth-grade\* OR "grade 12" OR "grade twelve" OR "junior high\*" OR "highschool\*" OR "high school\*" OR preuniversity OR pre-university OR college\* OR undergrad\* OR "tertiary education" OR "tertiary school\*" OR "postsecondary education" OR "postsecondary school\*" OR universit\* OR prevocational OR vocational OR classroom\* OR curricul\* OR education\* OR learner\* OR lesson\* OR pupil\* OR school\* OR student\* ) OR AB ( child\* OR kid OR kids OR prepubescen\* OR prepuberty\* OR puberty OR pubescen\* OR teen\* OR young\* OR youth\* OR minors\* OR "under ag\*" OR underag\* OR juvenile\* OR girl\* OR boy\* OR preadolesc\* OR adolesc\* OR preschool\* OR "elementary education" OR "elementary school\*" OR "primary education" OR "primary school\*" OR "k-12\*" OR k12 OR 1st-grade\* OR first-grade\* OR "grade 1" OR "grade one" OR 2nd-grade\* OR second-grade\* OR grade 2 OR "grade two" OR 3rd-grade\* OR third-grade\* OR "grade 3" OR "grade three" OR 4th-grade\* OR fourth-grade\* OR "grade 4" OR "grade four" OR 5th-grade\* OR fifth-grade\* OR "grade 5" OR "grade five" OR 6th-grade\* OR sixth-grade\* OR "grade 6" OR "grade six" OR "intermediate general" OR "middle school\*" OR "secondary education" OR "secondary school\*" OR 7th-grade\* OR seventh-grade\* OR "grade 7" OR "grade seven" OR 8th-grade\* OR eight-grade\* OR "grade 8" OR "grade eight" OR 9th-grade\* OR ninth-grade\* OR "grade 9" OR "grade nine" OR 10th-grade\* OR tenth-grade\* OR "grade 10" OR "grade ten" OR 11th-grade\* OR eleventh-grade\* OR "grade 11" OR "grade eleven" OR 12th-grade\* OR twelfth-grade\* OR "grade 12" OR "grade twelve" OR "junior high\*" OR "highschool\*" OR "high school\*" OR preuniversity OR pre-university OR college\* OR undergrad\* OR "tertiary education" OR "tertiary school\*" OR "postsecondary education" OR "postsecondary school\*" OR universit\* OR prevocational OR vocational OR classroom\* OR curricul\* OR education\* OR learner\* OR lesson\* OR pupil\* OR school\* OR student\* ) AND KW ( child\* OR kid OR kids OR prepubescen\* OR prepuberty\* OR puberty OR pubescen\* OR teen\* OR young\* OR youth\* OR minors\* OR "under ag\*" OR underag\* OR juvenile\* OR girl\* OR boy\* OR preadolesc\* OR adolesc\* OR preschool\* OR "elementary education" OR "elementary school\*" OR "primary education" OR "primary school\*" OR "k-12\*" OR k12 OR 1st-grade\* OR first-grade\* OR "grade 1" OR "grade one" OR 2nd-grade\* OR second-grade\* OR grade 2 OR "grade two" OR 3rd-grade\* OR third-grade\* OR "grade 3" OR "grade three" OR 4th-grade\* OR fourth-grade\* OR "grade 4" OR "grade four" OR 5th-grade\* OR fifth-grade\* OR "grade 5" OR "grade five" OR 6th-grade\* OR sixth-grade\* OR "grade 6" OR "grade six" OR "intermediate general" OR "middle school\*" OR "secondary education" OR "secondary school\*" OR 7th-grade\* OR seventh-grade\* OR "grade 7" OR "grade seven" OR 8th-grade\* OR eight-grade\* OR "grade 8" OR "grade eight" OR 9th-grade\* OR ninth-grade\* OR "grade 9" OR "grade nine" OR 10th-grade\* OR tenth-grade\* OR "grade 10" OR "grade ten" OR 11th-grade\* OR eleventh-grade\* OR "grade 11" OR "grade eleven" OR 12th-grade\* OR twelfth-grade\* OR "grade 12" OR "grade twelve" OR "junior high\*" OR "highschool\*" OR "high school\*" OR preuniversity OR pre-university OR college\* OR undergrad\* OR "tertiary education" OR "tertiary school\*" OR "postsecondary education" OR "postsecondary school\*" OR universit\* OR prevocational OR vocational OR classroom\* OR curricul\* OR education\* OR learner\* OR lesson\* OR pupil\* OR school\* OR student\* )

62.	<i>32 or 33</i>	<i>1,408,314</i>
<b>Study type: randomised controlled trials</b>		
63.	MR "Treatment Outcome" OR MR "Clinical Trial" OR DE "Clinical Trials" OR DE Placebo	74,754
64.	TX((randomi?ed) N3 (study OR trial OR design OR method* OR test* OR assessment)) OR TX((random*) N3 (assign* or alloca*)) OR TX((singl* OR doubl* OR tripl* OR trebl*) N3 (blind* OR dumm* OR mask*)) OR TX(clinical W2 trial*) OR TX((singl* OR doubl* OR treb* OR tripl*) W2 (blind* OR mask*)) OR TX(placebo*) OR TX(randomly allocated) OR TX(allocated N2 random*) OR AB(randomi?ed N6 n=) OR TI(controlled W3 trial*) OR AB(controlled W3 trial*)	221,439
65.	<i>35 or 36</i>	<i>231,453</i>
<b>Combined set</b>		
66.	<i>S21 OR S26 OR S29 OR S32</i>	<i>522,923</i>
67.	<i>S18 AND S35 AND S39</i>	<i>5,816</i>

68.	<i>S18 AND S39 Limiters - Age Groups: School Age (6-12 yrs), Adolescence (13-17 yrs), Young Adulthood (18-29 yrs)</i>	7,569
69.	<i>S40 OR S41</i>	9,406
70.	<i>S38 AND S42</i>	282
<b>Final result</b>		
71.		<b>282</b>

The final search result, usually found at the end of the documentation, forms the list of abstracts.

**AB** = Abstract; **DE** = Term from the thesaurus; **KW** (Available in Academic Search Premiere / SocINDEX / PsycInfo) = Author keyword; **SU** = Searches for a part of or an entire subject heading; **TI** = Title; **TX** = All Text. Performs a keyword search of all the database's searchable fields; \* = Truncation; " " = Citation Marks; searches for an exact phrase; # = replaces one or no letters; ? = replaces one letter; **N** = Near Operator (N) finds the words if they are a maximum of x words apart from one another, regardless of the order in which they appear.; **W** = Within Operator (W) finds the words if they are within x words of one another, in the order in which you entered them

## Cochrane Library via Wiley 7 February 2024 (CENTRAL Trials)

**Title:** Prevention of self-harm and suicide attempts in children and adolescents at risk. A systematic review and assessment of medical, economic, social and ethical aspects

Search terms	Items found
<b>Population</b>	
1. MeSH descriptor: [Self-Injurious Behavior] explode all trees	2,427
2. (overdose* and prevent*):kw or (overdos* near/3 prevent*):ti,ab	261
3. ((nonfatal or non-fatal) near/2 (overdose* or over dose*)):ti,ab,kw	64
4. (NSSI* or ((nonsuicid* or non-suicid*) near/2 (self* or injur*)):ti,ab	241
5. (suicid* or parasuicid* or (auto nextmutilat*) or automutilat* or (self next destruct*) or selfdestruct* or self-harm* or selfharm* or (self next harm*) or (self next immolat*) or selfimmolat* or (self next inflict*) or selfinflict* or (self next injur*) or selfinjur* or selfmutilat* or (self next mutilat*) or (self next poison*) or selfpoison* or (self near/2 (cut or cuts or cutting or cutter* or burn or burns or burning or bite or bites or biting or hit or hits or hitting)) or (head next bang*) or headbang*):ti,ab,kw	13,149
6. 1 OR 2 OR 3 OR 4 OR 5	13,435
<b>Risk group: HBTQ</b>	
7. lgbt* OR glbt* OR lgb OR lgbq* OR lgbs* OR m2f OR glb OR glbq* OR glbs* OR heteroflexible* OR gbmsm* OR msm OR tgnc* OR ytw OR gay OR gays OR lesbi* OR bisex* OR transgender* OR bicurious* OR transpeople* OR asexual* OR "women loving women" OR "women who have sex with women" OR transvestite OR (cross NEXT sex*) OR crosssex* OR crossgender* OR f2m OR transperson* OR transsexual* OR homosexual* OR intersex* OR queer* OR (trans NEAR/2 (people OR individual OR individuals OR person OR persons OR sexual* OR man OR men OR male OR female OR youth* OR woman OR women OR population* OR gender)) OR ((gender* OR sex OR sexual) NEAR/2 (change OR dysphoria OR reversal OR identit* OR reassign OR transform* OR transition* OR minorit* OR sexual* OR binary))	24,666
<b>Risk group: abuse</b>	
8. (alcohol* OR amphetamine* OR cannabis OR cocaine OR crack OR drug OR hallucinogen* OR hashish OR heroin OR inhalant* OR marihuana OR marijuana OR narcotic* OR opiate* OR opioid* OR phencyclidine OR psychedelic* OR sedative* OR substance* OR prescription) NEAR/3 (abuse OR abusing OR addict* OR dependen* OR disorder* OR misuse)	57,793
9. (illicit OR unsanctioned OR non-medical OR prescription) NEAR/3 (misuse OR abuse OR abusing OR addict* OR depend* OR disorder*) NEAR/3 (drug* OR opioid* OR analgesic*)	471
10. alcoholism OR alcoholic* OR "chronic alcohol misuse" OR "chronic excessive alcohol" OR (alcohol NEXT/2 disorder*) OR gambl* OR betting OR roulette OR casino* OR poker OR (electronic NEXT blackjack*) OR (gaming NEXT machine*) OR (slot NEXT machine*) OR pokie* OR "fruit machine" OR bingo OR (sports NEXT bet*) OR bets OR keno OR lottery OR lotteries OR lotto OR (scratch NEXT card*) OR (football NEXT pool*) OR wagering	19,808
11. 8 OR 9 OR 10	69,924
<b>Risk group: refugees</b>	
12. "adopted country" OR alien OR aliens OR asylee OR asylees OR asylum OR "au pairs" OR "au pair" OR "birth abroad" OR "birth countries" OR "birth country" OR "birth overseas" OR "born abroad" OR "born overseas" OR "border communities" OR "border community" OR "border health" OR "civil surgeon" OR "civil surgeons" OR citizenship OR "countries of birth" OR "country of birth" OR "country of destination" OR "countries of origin" OR "country of origin" OR "customs and border protection" OR "deferred action for childhood arrivals" OR daca OR "department of homeland security" OR deport OR deportation OR deportations OR deported OR "destination countries" OR "destination country" OR "diasporic communities" OR "diasporic community" OR "displaced person" OR "displaced persons" OR "displaced children" OR "displaced families" OR "displaced individuals" OR "displaced men" OR "displaced patients" OR "displaced people" OR "displaced peoples" OR "displaced women" OR "internationally displaced" OR "duration of residence" OR "ellis island" OR emigrate OR emigrated OR emigration OR emigrant OR emigrants OR emigrating OR "exchange student" OR "exchange students" OR "exchange visitor" OR "exchange visitors" OR exile OR exiled OR exiles OR expatriation OR expatriate	10,458



OR expatriates OR expatriated OR "family reunification" OR "family reunifications" OR "first generation" OR "first generations" OR "2.5 generation" OR "2.5 generations" OR "second generations" OR "third generation" OR "third generations" OR "mixed generation" OR "foreign birth" OR "foreign born" OR "foreign brides" OR "foreign citizen" OR "foreign citizens" OR "foreign citizenship" OR "foreign families" OR "foreign family" OR "foreign children" OR "foreign men" OR "foreign minor" OR "foreign minors" OR "foreign female" OR "foreign females" OR "foreign individuals" OR "foreign male" OR "foreign males" OR "foreign patient" OR "foreign patients" OR "foreign people" OR "foreign person" OR "foreign persons" OR "foreign resident" OR "foreign residents" OR "foreign national" OR "foreign nationals" OR "foreign nationalities" OR "foreign nationality" OR "foreign population" OR "foreign populations" OR "foreign woman" OR "foreign women" OR foreigner OR foreigners OR "green card" OR "green cards" OR "guest worker" OR "guest workers" OR "h 1b" OR "host countries" OR "host country" OR "host societies" OR "host society" OR immigrant OR immigrants OR immigrate OR immigrated OR immigrates OR immigrating OR immigration OR "intercountry adoption" OR "intercountry adoptions" OR "international adoption" OR "international adoptions" OR "international student" OR "international students" OR "length of residence" OR "length of residency" OR "maternal nativity" OR migrant OR migrants OR migration OR "migrated children" OR nativity OR naturalization OR naturalized OR "new countries" OR "new country" OR "new entrant" OR "new entrants" OR "new settler" OR "new settlers" OR "non citizen" OR "non citizens" OR noncitizen OR noncitizens OR "non national" OR "non nationals" OR nonnational OR nonnationals OR nonnative OR nonnatives OR "non native" OR "non natives" OR "non refoulement" OR nonrefugee OR nonrefugees OR "overseas birth" OR "overseas born" OR "permanent residence" OR "permanent residency" OR "permanent resident" OR "permanent residents" OR "port health" OR postmigration OR premigration OR "receiving countries" OR "receiving country" OR "receiving societies" OR "receiving society" OR refugee OR refugees OR "region of origin" OR "regions of origin" OR "resettlement countries" OR "resettlement country" OR "seasonal farmworkers" OR "seasonal farm worker" OR "seasonal farm workers" OR "seasonal farmworker" OR "seasonal worker" OR "seasonal workers" OR "stateless people" OR "stateless person" OR "stateless persons" OR "stateless children" OR "stateless individuals" OR "stateless patients" OR "temporary protected status" OR "transnational community" OR "unaccompanied child" OR "unaccompanied children" OR "unaccompanied minor" OR "unaccompanied minors" OR undocumented OR unhr OR visa OR visas OR "voluntary return" OR xenophobia OR xenophobic

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**Risk group: convicts**

13.	coerc* OR convict OR convicts OR convicted OR correctional OR custod* OR detention OR detain* OR felon* OR gaol* OR incarce* OR inmate* OR institutional* OR jail* OR penal OR penitent* OR prison* OR (residential NEXT treatment*) OR restraint	7,329
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**Child and adolescent**

14.	child* OR kid OR kids OR prepubescen* OR prepuberty* OR puberty OR pubescen* OR teen* OR young* OR youth* OR minors* OR (under NEXT ag*) OR underag* OR juvenile* OR girl* OR boy* OR preadolesc* OR adolesc* OR preschool* OR "elementary education" OR (elementary NEXT school*) OR "primary education" OR (primary NEXT school*) OR "k-12" OR k12 OR 1st-grade* OR first-grade* OR "grade 1" OR "grade one" OR 2nd-grade* OR second-grade* OR grade 2 OR "grade two" OR 3rd-grade* OR third-grade* OR "grade 3" OR "grade three" OR 4th-grade* OR fourth-grade* OR "grade 4" OR "grade four" OR 5th-grade* OR fifth-grade* OR "grade 5" OR "grade five" OR 6th-grade* OR sixth-grade* OR "grade 6" OR "grade six" OR "intermediate general" OR (middle NEXT school*) OR "secondary education" OR (secondary NEXT school*) OR 7th-grade* OR seventh-grade* OR "grade 7" OR "grade seven" OR 8th-grade* OR eight-grade* OR "grade 8" OR "grade eight" OR 9th-grade* OR ninth-grade* OR "grade 9" OR "grade nine" OR 10th-grade* OR tenth-grade* OR "grade 10" OR "grade ten" OR 11th-grade* OR eleventh-grade* OR "grade 11" OR "grade eleven" OR 12th-grade* OR twelfth-grade* OR "grade 12" OR "grade twelve" OR (junior NEXT high*) OR highschool* OR (high NEXT school*) OR preuniversity OR pre-university OR college* OR undergrad* OR "tertiary education" OR (tertiary NEXT school*) OR "postsecondary education" OR (postsecondary NEXT school*) OR universit* OR prevocational OR vocational OR classroom* OR curricul* OR education* OR learner* OR lesson* OR pupil* OR school* OR student*	612,129
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<b>Combined sets</b>		
15.	7 OR 11 OR 12 OR 13	107,837
16.	6 AND 14 AND 15	1,573
<b>Final result</b>		
17.		1,493 (CENTRAL Trials)

The final search result, usually found at the end of the documentation, forms the list of abstracts.

**:au** = Author; **MeSH** = Term from the Medline controlled vocabulary, including terms found below this term in the MeSH hierarchy; **:ti** = Title; **:ab** = Abstract; **:kw** = Keyword; \* = Truncation; " " = Citation Marks; searches for an exact phrase; **CENTRAL** = Cochrane Central Register of Controlled Trials, "trials"; ? = replaces one letter; **NEAR/n** = Requests terms that are within 'n' words of each other in either direction; **NEXT/n** = Requests terms that are within 'n' words of each other in the order specified



**Embase via Elsevier 7 February 2024**

**Title:** Prevention of self-harm and suicide attempts in children and adolescents at risk. A systematic review and assessment of medical, economic, social and ethical aspects

Search terms	Items found
<b>Population</b>	
1. 'automutilation'/de	26,389
2. 'suicidal behavior'/de	20,521
3. 'self immolation'/de	160
4. 'self poisoning'/de	2,515
5. 'suicidal ideation'/de	33,109
6. 'suicide'/de	71,170
7. 'suicide attempt'/de	40,875
8. 'drug overdose'/de AND prevent*:ti,ab,kw	4,738
9. suicid*:ti,kw OR parasuicid*:ti,kw OR 'auto mutilat*':ti,kw OR automutilat*:ti,kw OR 'self destruct*':ti,kw OR selfdestruct*:ti,kw OR 'self harm*':ti,kw OR selfharm*:ti,kw OR 'self immolat*':ti,kw OR selfimmolat*:ti,kw OR 'self inflict*':ti,kw OR selfinflict*:ti,kw OR 'self injur*':ti,kw OR selfinjur*:ti,kw OR selfmutilat*:ti,kw OR 'self mutilat*':ti,kw OR 'self poison*':ti,kw OR selfpoison*:ti,kw OR ((self NEAR/2 (cut OR cuts OR cutting OR cutter? OR burn OR burns OR burning OR bite OR bites OR biting OR hit OR hits OR hitting)):ti,kw) OR 'head bang*':ti,kw OR headbang*:ti,kw	83,560
10. nssi?:ti,ab,kw OR (((nonsuicid* OR 'non-suicid*') NEAR/2 (self* OR injur*)):ti,ab,kw)	3,191
11. ((nonfatal OR 'non fatal') NEAR/2 (overdose? OR 'over dose?')):ti,ab,kw	237
12. 1 OR 2 OR 3 OR 4 OR 5 OR 6 OR 7 OR 8 OR 9 OR 10 OR 11	165,375
<b>Risk group: HBTQ</b>	
13. 'sexual and gender minority'/exp	51,406
14. 'homosexuality'/exp	28,960
15. 'bisexuality'/exp	8,496
16. lgbt*:ti,ab,kw OR glbt*:ti,ab,kw OR lgb:ti,ab,kw OR lgbq*:ti,ab,kw OR lgbs*:ti,ab,kw OR m2f:ti,ab,kw OR glb:ti,ab,kw OR glbq*:ti,ab,kw OR glbs*:ti,ab,kw OR heteroflexible*:ti,ab,kw OR gbmsm*:ti,ab,kw OR msm:ti,ab,kw OR tgnc*:ti,ab,kw OR ytw:ti,ab,kw OR gay:ti,ab,kw OR gays:ti,ab,kw OR lesbi*:ti,ab,kw OR bisexu?*:ti,ab,kw OR transgender*:ti,ab,kw OR bicurious*:ti,ab,kw OR transpeople*:ti,ab,kw OR asexual*:ti,ab,kw OR 'women loving women':ti,ab,kw OR 'women who have sex with women':ti,ab,kw OR transvestite:ti,ab,kw OR 'cross sex*':ti,ab,kw OR crosssex*:ti,ab,kw OR crossgender*:ti,ab,kw OR f2m:ti,ab,kw OR transperson*:ti,ab,kw OR transsexual*:ti,ab,kw OR homosexual*:ti,ab,kw OR intersex*:ti,ab,kw OR queer*:ti,ab,kw OR ((trans NEAR/2 (people OR individual OR individuals OR person OR persons OR sexual* OR man OR men OR male OR female OR youth* OR woman OR women OR population* OR gender)):ti,ab,kw) OR (((gender* OR sex OR sexual) NEAR/2 (change OR dysphoria OR reversal OR identit* OR reassign OR transform* OR transition* OR minorit* OR sexual* OR binary)):ti,ab,kw)	381,036
17. 13 OR 14 OR 15 OR 16	396,625
<b>Risk group: abuse</b>	
18. 'drug dependence'/de OR 'alcoholism'/exp OR 'amphetamine dependence'/de OR 'benzodiazepine dependence'/de OR 'cannabis addiction'/de OR 'cocaine dependence'/de OR 'congenital drug dependence'/exp OR 'drug abuse pattern'/de OR 'drug craving'/de OR 'drug misuse'/exp OR 'drug seeking behavior'/exp OR 'glue sniffing'/exp OR 'methamphetamine dependence'/exp OR 'multiple drug abuse'/exp OR 'narcotic dependence'/exp OR 'phencyclidine dependence'/exp OR 'substance abuse'/de	324,065
19. ((alcohol* OR amphetamine* OR cannabis OR cocaine OR crack OR drug OR hallucinogen* OR hashish OR heroin OR inhalant* OR marihuana OR marijuana OR narcotic* OR opiate* OR opioid* OR phencyclidine OR psychedelic* OR substance* ) NEAR/3 (abuse OR addict* OR dependen* OR disorder* OR misuse)):ti,ab,kw	259,993
20. (alcoholism OR alcoholic* OR 'chronic alcohol misuse' OR 'chronic excessive alcohol'):ti,ab,kw	158,509
21. ((harmful OR hazardous OR heavy ) NEXT/1 (drink* OR alcohol* )):ti,ab,kw	22,197

22.	18 OR 19 OR 20 OR 21	532,425
<b>Risk group: refugees</b>		
23.	'migrant'/exp	52,279
24.	'migration'/exp	53,026
25.	'adopted country':ti,ab,kw OR alien:ti,ab,kw OR aliens:ti,ab,kw OR asylee:ti,ab,kw OR asylees:ti,ab,kw OR asylum:ti,ab,kw OR 'au pairs':ti,ab,kw OR 'au pair':ti,ab,kw OR 'birth abroad':ti,ab,kw OR 'birth countries':ti,ab,kw OR 'birth country':ti,ab,kw OR 'birth overseas':ti,ab,kw OR 'born abroad':ti,ab,kw OR 'born overseas':ti,ab,kw OR 'border communities':ti,ab,kw OR 'border community':ti,ab,kw OR 'border health':ti,ab,kw OR 'civil surgeon':ti,ab,kw OR 'civil surgeons':ti,ab,kw OR citizenship:ti,ab,kw OR 'countries of birth':ti,ab,kw OR 'country of birth':ti,ab,kw OR 'country of destination':ti,ab,kw OR 'countries of origin':ti,ab,kw OR 'country of origin':ti,ab,kw OR 'customs and border protection':ti,ab,kw OR 'deferred action for childhood arrivals':ti,ab,kw OR daca:ti,ab,kw OR 'department of homeland security':ti,ab,kw OR deport:ti,ab,kw OR deportation:ti,ab,kw OR deportations:ti,ab,kw OR deported:ti,ab,kw OR 'destination countries':ti,ab,kw OR 'destination country':ti,ab,kw OR 'diasporic communities':ti,ab,kw OR 'diasporic community':ti,ab,kw OR 'displaced person':ti,ab,kw OR 'displaced persons':ti,ab,kw OR 'displaced children':ti,ab,kw OR 'displaced families':ti,ab,kw OR 'displaced individuals':ti,ab,kw OR 'displaced men':ti,ab,kw OR 'displaced patients':ti,ab,kw OR 'displaced people':ti,ab,kw OR 'displaced peoples':ti,ab,kw OR 'displaced women':ti,ab,kw OR 'internationally displaced':ti,ab,kw OR 'duration of residence':ti,ab,kw OR 'ellis island':ti,ab,kw OR emigrate:ti,ab,kw OR emigrated:ti,ab,kw OR emigration:ti,ab,kw OR emigrant:ti,ab,kw OR emigrants:ti,ab,kw OR emigrating:ti,ab,kw OR 'exchange student':ti,ab,kw OR 'exchange students':ti,ab,kw OR 'exchange visitor':ti,ab,kw OR 'exchange visitors':ti,ab,kw OR exile:ti,ab,kw OR exiled:ti,ab,kw OR exiles:ti,ab,kw OR expatriation:ti,ab,kw OR expatriate:ti,ab,kw OR expatriates:ti,ab,kw OR expatriated:ti,ab,kw OR 'family reunification':ti,ab,kw OR 'family reunifications':ti,ab,kw OR 'first generation':ti,ab,kw OR 'first generations':ti,ab,kw OR '2.5 generation':ti,ab,kw OR '2.5 generations':ti,ab,kw OR 'second generations':ti,ab,kw OR 'third generation':ti,ab,kw OR 'third generations':ti,ab,kw OR 'mixed generation':ti,ab,kw OR 'foreign birth':ti,ab,kw OR 'foreign born':ti,ab,kw OR 'foreign brides':ti,ab,kw OR 'foreign citizen':ti,ab,kw OR 'foreign citizens':ti,ab,kw OR 'foreign citizenship':ti,ab,kw OR 'foreign families':ti,ab,kw OR 'foreign family':ti,ab,kw OR 'foreign children':ti,ab,kw OR 'foreign men':ti,ab,kw OR 'foreign minor':ti,ab,kw OR 'foreign minors':ti,ab,kw OR 'foreign female':ti,ab,kw OR 'foreign females':ti,ab,kw OR 'foreign individuals':ti,ab,kw OR 'foreign male':ti,ab,kw OR 'foreign males':ti,ab,kw OR 'foreign patient':ti,ab,kw OR 'foreign patients':ti,ab,kw OR 'foreign people':ti,ab,kw OR 'foreign person':ti,ab,kw OR 'foreign persons':ti,ab,kw OR 'foreign resident':ti,ab,kw OR 'foreign residents':ti,ab,kw OR 'foreign national':ti,ab,kw OR 'foreign nationals':ti,ab,kw OR 'foreign nationalities':ti,ab,kw OR 'foreign nationality':ti,ab,kw OR 'foreign population':ti,ab,kw OR 'foreign populations':ti,ab,kw OR 'foreign woman':ti,ab,kw OR 'foreign women':ti,ab,kw OR foreigner:ti,ab,kw OR foreigners:ti,ab,kw OR 'green card':ti,ab,kw OR 'green cards':ti,ab,kw OR 'guest worker':ti,ab,kw OR 'guest workers':ti,ab,kw OR 'h 1b':ti,ab,kw OR 'host countries':ti,ab,kw OR 'host country':ti,ab,kw OR 'host societies':ti,ab,kw OR 'host society':ti,ab,kw OR immigrant:ti,ab,kw OR immigrants:ti,ab,kw OR immigrate:ti,ab,kw OR immigrated:ti,ab,kw OR immigrates:ti,ab,kw OR immigrating:ti,ab,kw OR immigration:ti,ab,kw OR 'intercountry adoption':ti,ab,kw OR 'intercountry adoptions':ti,ab,kw OR 'international adoption':ti,ab,kw OR 'international adoptions':ti,ab,kw OR 'international student':ti,ab,kw OR 'international students':ti,ab,kw OR 'length of residence':ti,ab,kw OR 'length of residency':ti,ab,kw OR 'maternal nativity':ti,ab,kw OR migrant:ti,ab,kw OR migrants:ti,ab,kw OR migration:ti,ab,kw OR 'migrated children':ti,ab,kw OR nativity:ti,ab,kw OR naturalization:ti,ab,kw OR naturalized:ti,ab,kw OR 'new countries':ti,ab,kw OR 'new country':ti,ab,kw OR 'new entrant':ti,ab,kw OR 'new entrants':ti,ab,kw OR 'new settler':ti,ab,kw OR 'new settlers':ti,ab,kw OR 'non citizen':ti,ab,kw OR 'non citizens':ti,ab,kw OR noncitizen:ti,ab,kw OR noncitizens:ti,ab,kw OR 'non national':ti,ab,kw OR 'non nationals':ti,ab,kw OR nonnational:ti,ab,kw OR nonnationals:ti,ab,kw OR nonnative:ti,ab,kw OR nonnatives:ti,ab,kw OR 'non native':ti,ab,kw OR 'non natives':ti,ab,kw OR 'non refoulement':ti,ab,kw OR nonrefugee:ti,ab,kw OR nonrefugees:ti,ab,kw OR 'overseas birth':ti,ab,kw OR 'overseas	606,513

	born':ti,ab,kw OR 'permanent residence':ti,ab,kw OR 'permanent residency':ti,ab,kw OR 'permanent resident':ti,ab,kw OR 'permanent residents':ti,ab,kw OR 'port health':ti,ab,kw OR postmigration:ti,ab,kw OR premigration:ti,ab,kw OR 'receiving countries':ti,ab,kw OR 'receiving country':ti,ab,kw OR 'receiving societies':ti,ab,kw OR 'receiving society':ti,ab,kw OR refugee:ti,ab,kw OR refugees:ti,ab,kw OR 'region of origin':ti,ab,kw OR 'regions of origin':ti,ab,kw OR 'resettlement countries':ti,ab,kw OR 'resettlement country':ti,ab,kw OR 'seasonal farmworkers':ti,ab,kw OR 'seasonal farm worker':ti,ab,kw OR 'seasonal farm workers':ti,ab,kw OR 'seasonal farmworker':ti,ab,kw OR 'seasonal worker':ti,ab,kw OR 'seasonal workers':ti,ab,kw OR 'stateless people':ti,ab,kw OR 'stateless person':ti,ab,kw OR 'stateless persons':ti,ab,kw OR 'stateless children':ti,ab,kw OR 'stateless individuals':ti,ab,kw OR 'stateless patients':ti,ab,kw OR 'temporary protected status':ti,ab,kw OR 'transnational community':ti,ab,kw OR 'unaccompanied child':ti,ab,kw OR 'unaccompanied children':ti,ab,kw OR 'unaccompanied minor':ti,ab,kw OR 'unaccompanied minors':ti,ab,kw OR undocumented:ti,ab,kw OR unhcr:ti,ab,kw OR visa:ti,ab,kw OR visas:ti,ab,kw OR 'voluntary return':ti,ab,kw OR xenophobia:ti,ab,kw OR xenophobic:ti,ab,kw	
26.	23 OR 24 OR 25	629,169
<b>Risk group: convicts</b>		
27.	'prisoner'/de	19,849
28.	'detention center'/exp	20,143
29.	'incarceration'/exp	2,150
30.	'residential care'/de	13,951
31.	coerc*:ti,ab,kw OR convict:ti,ab,kw OR convicts:ti,ab,kw OR convicted:ti,ab,kw OR correctional:ti,ab,kw OR custod*:ti,ab,kw OR detention:ti,ab,kw OR detain*:ti,ab,kw OR felon*:ti,ab,kw OR gaol*:ti,ab,kw OR incarce*:ti,ab,kw OR inmate*:ti,ab,kw OR institutional*:ti,ab,kw OR jail*:ti,ab,kw OR penal:ti,ab,kw OR penitent*:ti,ab,kw OR prison*:ti,ab,kw OR 'residential treatment*':ti,ab,kw OR restraint:ti,ab,kw	129,724
32.	27 OR 28 OR 29 OR 30 OR 31	150,735
<b>Child and adolescent</b>		
33.	'child behavior'/exp	57,805
34.	'child development'/de	54,338
35.	'child psychiatry'/de	24,885
36.	'child psychology'/de	20,306
37.	'child'/exp	3,442,422
38.	'adolescence'/exp	112,082
39.	'adolescent'/exp	1,960,923
40.	'young adult'/de	529,843
41.	'graduate education'/exp	1,687
42.	'school'/exp	410,713
43.	'student'/exp	334,618
44.	((child*:ti,ab,kw OR kid:ti,ab,kw OR kids:ti,ab,kw OR prepubescen*:ti,ab,kw OR prepuberty*:ti,ab,kw OR puberty:ti,ab,kw OR pubescen*:ti,ab,kw OR teen*:ti,ab,kw OR young*:ti,ab,kw OR youth*:ti,ab,kw OR minors*:ti,ab,kw OR 'under ag*':ti,ab,kw OR underag*:ti,ab,kw OR juvenile*:ti,ab,kw OR girl*:ti,ab,kw OR boy*:ti,ab,kw OR preadolesc*:ti,ab,kw OR adolesc*:ti,ab,kw OR preschool*:ti,ab,kw OR 'elementary education':ti,ab,kw OR 'elementary school*':ti,ab,kw OR 'primary education':ti,ab,kw OR 'primary school*':ti,ab,kw OR 'k 12*':ti,ab,kw OR k12:ti,ab,kw OR '1st grade*':ti,ab,kw OR 'first grade*':ti,ab,kw OR 'grade 1':ti,ab,kw OR 'grade one':ti,ab,kw OR '2nd grade*':ti,ab,kw OR 'second grade*':ti,ab,kw OR 'grade 2':ti,ab,kw OR 'grade two':ti,ab,kw OR '3rd grade*':ti,ab,kw OR 'third grade*':ti,ab,kw OR 'grade 3':ti,ab,kw OR 'grade three':ti,ab,kw OR '4th grade*':ti,ab,kw OR 'fourth grade*':ti,ab,kw OR 'grade 4':ti,ab,kw OR 'grade four':ti,ab,kw OR '5th grade*':ti,ab,kw OR 'fifth grade*':ti,ab,kw OR grade:ti,ab,kw) AND 5:ti,ab,kw OR 'grade five':ti,ab,kw OR '6th grade*':ti,ab,kw OR 'sixth grade*':ti,ab,kw OR 'grade 6':ti,ab,kw OR 'grade six':ti,ab,kw OR 'intermediate general':ti,ab,kw OR 'middle school*':ti,ab,kw OR 'secondary education':ti,ab,kw OR 'secondary school*':ti,ab,kw OR '7th grade*':ti,ab,kw OR 'seventh grade*':ti,ab,kw OR 'grade 7':ti,ab,kw OR 'grade seven':ti,ab,kw OR '8th grade*':ti,ab,kw OR 'eight	2,427,174

	grade*:ti,ab,kw OR 'grade 8':ti,ab,kw OR 'grade eight':ti,ab,kw OR '9th grade*':ti,ab,kw OR 'ninth grade*':ti,ab,kw OR 'grade 9':ti,ab,kw OR 'grade nine':ti,ab,kw OR '10th grade*':ti,ab,kw OR 'tenth grade*':ti,ab,kw OR 'grade 10':ti,ab,kw OR 'grade ten':ti,ab,kw OR '11th grade*':ti,ab,kw OR 'eleventh grade*':ti,ab,kw OR 'grade 11':ti,ab,kw OR 'grade eleven':ti,ab,kw OR '12th grade*':ti,ab,kw OR 'twelfth grade*':ti,ab,kw OR 'grade 12':ti,ab,kw OR 'grade twelve':ti,ab,kw OR 'junior high*':ti,ab,kw OR 'highschool*':ti,ab,kw OR 'high school*':ti,ab,kw OR 'preuniversity':ti,ab,kw OR 'pre university':ti,ab,kw OR 'college*':ti,ab,kw OR 'undergrad*':ti,ab,kw OR 'tertiary education':ti,ab,kw OR 'tertiary school*':ti,ab,kw OR 'postsecondary education':ti,ab,kw OR 'postsecondary':ti,ab,kw) AND 'school*':ti,ab,kw OR 'universit*':ti,ab,kw OR 'prevocational':ti,ab,kw OR 'vocational':ti,ab,kw OR 'classroom*':ti,ab,kw OR 'curricul*':ti,ab,kw OR 'education*':ti,ab,kw OR 'learner*':ti,ab,kw OR 'lesson*':ti,ab,kw OR 'pupil*':ti,ab,kw OR 'school*':ti,ab,kw OR 'student*':ti,ab,kw	
45.	33 OR 34 OR 35 OR 36 OR 37 OR 38 OR 39 OR 40 OR 41 OR 42 OR 43 OR 44	6,760,926
<b>Study type: randomised controlled trials<sup>2</sup></b>		
46.	('randomized controlled trial'/exp OR 'controlled clinical trial'/de OR random*:ti,ab,tt OR 'randomization'/de OR 'intermethod comparison'/de OR placebo:ti,ab,tt OR compare:ti,tt OR compared:ti,tt OR comparison:ti,tt OR ((evaluated:ab OR evaluate:ab OR evaluating:ab OR assessed:ab OR assess:ab) AND (compare:ab OR compared:ab OR comparing:ab OR comparison:ab)) OR ((open NEXT/1 label):ti,ab,tt) OR (((double OR single OR doubly OR singly) NEXT/1 (blind OR blinded OR blindly)):ti,ab,tt) OR 'double blind procedure'/de OR ((parallel NEXT/1 group*):ti,ab,tt) OR crossover:ti,ab,tt OR 'cross over':ti,ab,tt OR (((assign* OR match OR matched OR allocation) NEAR/6 (alternate OR group OR groups OR intervention OR interventions OR patient OR patients OR subject OR subjects OR participant OR participants)):ti,ab,tt) OR assigned:ti,ab,tt OR allocated:ti,ab,tt OR ((controlled NEAR/8 (study OR design OR trial)):ti,ab,tt) OR volunteer:ti,ab,tt OR volunteers:ti,ab,tt OR 'human experiment'/de OR trial:ti,tt) NOT (((random* NEXT/1 sampl* NEAR/8 ('cross section*' OR questionnaire* OR survey OR surveys OR database OR databases)):ti,ab,tt) NOT ('comparative study'/de OR 'controlled study'/de OR 'randomised controlled':ti,ab,tt OR 'randomized controlled':ti,ab,tt OR 'randomly assigned':ti,ab,tt) OR ('cross-sectional study' NOT ('randomized controlled trial'/exp OR 'controlled clinical trial'/de OR 'controlled study'/de OR 'randomised controlled':ti,ab,tt OR 'randomized controlled':ti,ab,tt OR 'control group':ti,ab,tt OR 'control groups':ti,ab,tt)) OR ('case control*':ti,ab,tt AND random*:ti,ab,tt NOT ('randomised controlled':ti,ab,tt OR 'randomized controlled':ti,ab,tt)) OR ('systematic review':ti,tt NOT (trial:ti,tt OR study:ti,tt)) OR (nonrandom*:ti,ab,tt NOT random*:ti,ab,tt) OR 'random field*':ti,ab,tt OR (('random cluster' NEAR/4 sampl*):ti,ab,tt) OR (review:ab AND review:it NOT trial:ti,tt) OR ('we searched':ab AND (review:ti,tt OR review:it)) OR 'update review':ab OR ((databases NEAR/5 searched):ab) OR ((rat:ti,tt OR rats:ti,tt OR mouse:ti,tt OR mice:ti,tt OR swine:ti,tt OR porcine:ti,tt OR murine:ti,tt OR sheep:ti,tt OR lambs:ti,tt OR pigs:ti,tt OR piglets:ti,tt OR rabbit:ti,tt OR rabbits:ti,tt OR cat:ti,tt OR cats:ti,tt OR dog:ti,tt OR dogs:ti,tt OR cattle:ti,tt OR bovine:ti,tt OR monkey:ti,tt OR monkeys:ti,tt OR trout:ti,tt OR marmoset*:ti,tt) AND 'animal experiment'/de) OR ('animal experiment'/de NOT ('human experiment'/de OR 'human'/de)))	5,747,240
<b>Combined sets</b>		
47.	17 OR 22 OR 26 OR 32	1,649,504
48.	12 AND 45 AND 46 AND 47	2,284
49.	48 AND ('article'/it OR 'article in press'/it OR 'conference paper'/it)	1,585
<b>Final result</b>		
50.		1,585

The final search result, usually found at the end of the documentation, forms the list of abstracts.

**/de** = Term from the Emtree controlled vocabulary; **/exp** = Includes terms found below this term in the Emtree hierarchy; **:ab** = Abstract; **:au** = Author; **:kw** = Author keyword; **:ti** = Article Title; **:ti,ab** = Title or abstract; **\*** = Truncation; **' '** = Citation

<sup>2</sup> Glanville J, Foxlee R, Wisniewski S, Noel-Storr A, Edwards M, Dooley G. Translating the Cochrane EMBASE RCT filter from the Ovid interface to Embase.com: a case study. Health Info Libr J. 2019 Sep;36(3):264-277. doi: 10.1111/hir.12269. Epub 2019 Jul 22. Erratum in: Health Info Libr J. 2020 Dec;37(4):351.

Marks; searches for an exact phrase; **NEAR/n** = Requests terms that are within 'n' words of each other in either direction; **NEXT/n** = Requests terms that are within 'n' words of each other in the order specified; ? = replaces one letter

**Medline via OvidSP 7 February 2024**

**Title:** Prevention of self-harm and suicide attempts in children and adolescents at risk. A systematic review and assessment of medical, economic, social and ethical aspects

Search terms	Items found
<b>Population</b>	
1. Self-Injurious Behavior/	10,200
2. Self-Mutilation/	3,252
3. Suicide/	41,122
4. Suicidal Ideation/	13,581
5. Suicide, Attempted/	23,281
6. Suicide Prevention/	11,521
7. (suicid* or parasuicid* or auto mutilat* or automutilat* or self destruct* or selfdestruct* or self-harm* or selfharm* or self immolat* or selfimmolat* or self inflict* or selfinflict* or self injur* or selfinjur* or selfmutilat* or self mutilat* or self poison* or selfpoison* or (self adj2 (cut or cuts or cutting or cutter? or burn or burns or burning or bite or bites or biting or hit or hits or hitting)) or head bang* or headbang*).ti,ab,kf.	69,053
8. (nssi? or ((nonsuicid* or non-suicid*) adj2 (self* or injur*))).ti,ab,kf.	2,813
9. Drug Overdose/ and prevent*.af.	4,042
10. ((nonfatal or non-fatal) adj2 (overdose? or over dose?)).mp.	613
11. 1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10	99,692
<b>Risk group: HBTQ<sup>3</sup></b>	
12. Bisexuality/	5,068
13. exp Homosexuality/	35,805
14. exp "Sexual and Gender Minorities"/	18,146
15. Transsexualism/	4,659
16. (lgbt* or glbt* or lgb or lgbq* or lgbs* or m2f or glb or glbq* or glbs* or heteroflexible* or gbmsm* or msm or tgnc* or ytw or gay or gays or lesbi* or bisexu#l* or transgender* or bicurious* or transpeople* or asexual* or women loving women or women who have sex with women or transvestite or cross sex* or crosssex* or crossgender* or f2m or transperson* or transsexual* or homosexual* or intersex* or queer* or (trans adj2 (people or individual or individuals or person or persons or sexual* or man or men or male or female or youth* or woman or women or population* or gender)) or ((gender* or sex or sexual) adj2 (change or dysphoria or reversal or identit* or reassign or transform* or transition* or minorit* or sexual* or binary))).ti,ab,kf.	300,906
17. 12 or 13 or 14 or 15 or 16	309,846
<b>Risk group: abuse<sup>4</sup></b>	
18. Substance-Related Disorders/ or exp Alcohol-Related Disorders/ or Alcohol-Induced Disorders/ or Alcoholism/ or Amphetamine-Related Disorders/ or Cocaine-Related Disorders/ or Inhalant Abuse/ or Marijuana Abuse/ or Narcotic-Related Disorders/ or Opioid-Related Disorders/ or Heroin Dependence/ or Morphine Dependence/ or Opium Dependence/ or Phencyclidine Abuse/ or Psychoses, Substance-Induced/ or Substance Abuse, Intravenous/ or Substance Abuse, Oral/ or exp Illicit Drugs/ or exp Synthetic Drugs/ or Hallucinogens/ or Prescription Drug Misuse/ or Prescription Drug Overuse/	293,851
19. ((amphetamine* or cannabis or cocaine or crack or hallucinogen* or hashish or heroin or inhalant* or marihuana or marijuana or narcotic* or phencyclidine or psychedelic* or sedative* or substance* or prescription) adj3 (abuse or abusing or addict* or dependen* or disorder* or misuse)).ti,ab,kf.	83,065
20. (((alcohol* or drug or opiate* or opioid*) adj3 (abuse or abusing or addict* or dependen* or disorder* or misuse)) or ((illicit or unsanctioned or non-medical or prescription) adj3 ("use" or misuse or abuse or abusing or addict* or depend* or disorder*) adj3 (drug* or opioid* or analgesic*))).ti,ab,kf.	134,471

<sup>3</sup> Search hedge from: <https://extranet.santecom.qc.ca/wiki!/biblio3s/doku.php?id=concepts:minorite-sexuelle>

<sup>4</sup> Search hedge from: <https://www.sbu.se/372>

21.	(alcoholism or alcoholic* or chronic alcohol misuse or chronic excessive alcohol or "alcohol use disorder*").ti,ab,kf.	117,868
22.	Gambling/	7,042
23.	(gambl* or betting).ti,ab,kf.	12,373
24.	(roulette or casino* or poker or electronic blackjack* or gaming machine* or slot machine* or pokie* or "fruit machine" or bingo or sports bet* or bets or keno or lottery or lotteries or lotto or scratch card* or football pool* or wagering).ti,ab,kf.	5,404
25.	18 or 19 or 20 or 21 or 22 or 23 or 24	443,881
<b>Risk group: refugees<sup>5</sup></b>		
26.	exp "Emigrants and Immigrants"/	15,954
27.	"Emigration and Immigration"/	26,432
28.	Refugees/	13,579
29.	"Transients and Migrants"/	14,581
30.	Undocumented Immigrants/	547
31.	(adopted country or alien or aliens or asylee or asylees or asylum or au pairs or au pair or birth abroad or birth countries or birth country or birth overseas or born abroad or born overseas or border communities or border community or border health or civil surgeon or civil surgeons or citizenship or countries of birth or country of birth or country of destination or countries of origin or country of origin or "customs and border protection" or deferred action for childhood arrivals or daca or department of homeland security or deport or deportation or deportations or deported or destination countries or destination country or diasporic communities or diasporic community or displaced person or displaced persons or displaced children or displaced families or displaced individuals or displaced men or displaced patients or displaced people or displaced peoples or displaced women or internationally displaced or duration of residence or ellis island or emigrate or emigrated or emigration or emigrant or emigrants or emigrating or exchange student or exchange students or exchange visitor or exchange visitors or exile or exiled or exiles or expatriation or expatriate or expatriates or expatriated or family reunification or family reunifications or first generation or first generations or "2.5 generation" or "2.5 generations" or second generations or third generation or third generations or mixed generation or foreign birth or foreign-born or foreign brides or foreign citizen or foreign citizens or foreign citizenship or foreign families or foreign family or foreign children or foreign men or foreign minor or foreign minors or foreign female or foreign females or foreign individuals or foreign male or foreign males or foreign patient or foreign patients or foreign people or foreign person or foreign persons or foreign resident or foreign residents or foreign national or foreign nationals or foreign nationalities or foreign nationality or foreign population or foreign populations or foreign woman or foreign women or foreigner or foreigners or green card or green cards or guest worker or guest workers or "h 1b" or host countries or host country or host societies or host society or immigrant or immigrants or immigrate or immigrated or immigrates or immigrating or immigration or intercountry adoption or intercountry adoptions or international adoption or international adoptions or international student or international students or length of residence or length of residency or maternal nativity or migrant or migrants or migration or migrated children or nativity or naturalization or naturalized or new countries or new country or new entrant or new entrants or new settler or new settlers or non citizen or non citizens or noncitizen or noncitizens or non national or non nationals or nonnational or nonnationals or nonnative or nonnatives or non native or non natives or non refolement or nonrefugee or nonrefugees or overseas birth or overseas born or permanent residence or permanent residency or permanent resident or permanent residents or port health or postmigration or premigration or receiving countries or receiving country or receiving societies or receiving society or refugee or refugees or region of origin or regions of origin or resettlement countries or resettlement country or seasonal farmworkers or seasonal farm worker or seasonal farm workers or seasonal farmworker or seasonal worker or seasonal workers or stateless people or stateless person or stateless persons or stateless children or stateless individuals or stateless patients or temporary protected status or transnational community or unaccompanied child or unaccompanied children or unaccompanied minor or unaccompanied minors or	491,772

<sup>5</sup> Search hedge (Immigrant-specific filter) from: <https://jmla.pitt.edu/ojs/jmla/article/view/1716>

	undocumented or unhcr or visa or visas or voluntary return or xenophobia or xenophobic).ti,ab,kf.	
32.	26 or 27 or 28 or 29 or 30 or 21 or 32	504,687
<b>Risk group: convicts</b>		
33.	Custodial Care/	190
34.	Residential Treatment/	3,341
35.	exp Correctional Facilities/	11,747
36.	Prisoners/	18,530
37.	(coerc* or convict or convicts or convicted or correctional or custod* or detention or detain* or felon* or gaol* or incarce* or inmate* or institutional* or jail* or penal or penitent* or prison* or residential treatment* or restraint).ti,ab,kf.	104,207
38.	33 or 34 or 35 or 36 or 37	113,358
<b>Child and adolescent</b>		
39.	Child Behavior/ or Child Development/ or Child Psychiatry/ or Child Psychology/ or Child Behavior Disorders/ or Pediatrics/ or Child/ or Puberty/ or Adolescent/ or Adolescent Behavior/ or Adolescent Development/ or Adolescent Psychiatry/ or Adolescent Psychology/ or Young Adult/ or Education, Graduate/ or Universities/ or Students/ or Schools/	3,778,308
40.	(child* or kid or kids or prepubescen* or prepuberty* or puberty or pubescen* or teen* or young* or youth* or minors* or under ag* or underag* or juvenile* or girl* or boy* or preadolesc* or adolesc* or preschool* or elementary education or elementary school* or primary education or primary school* or k-12* or k12 or 1st-grade* or first-grade* or grade 1 or grade one or 2nd-grade* or second-grade* or grade 2 or grade two or 3rd-grade* or third-grade* or grade 3 or grade three or 4th-grade* or fourth-grade* or grade 4 or grade four or 5th-grade* or fifth-grade* or grade 5 or grade five or 6th-grade* or sixth-grade* or grade 6 or grade six or intermediate general or middle school* or secondary education or secondary school* or 7th-grade* or seventh-grade* or grade 7 or grade seven or 8th-grade* or eight-grade* or grade 8 or grade eight or 9th-grade* or ninth-grade* or grade 9 or grade nine or 10th-grade* or tenth-grade* or grade 10 or grade ten or 11th-grade* or eleventh-grade* or grade 11 or grade eleven or 12th-grade* or twelfth-grade* or grade 12 or grade twelve or junior high* or highschool* or high school* or preuniversity or pre-university or college* or undergrad* or tertiary education or tertiary school* or postsecondary education or postsecondary school* or universit* or prevocational or vocational or classroom* or curricul* or education* or learner* or lesson* or pupil* or school* or student*).ti,ab,kf.	4,264,678
41.	39 or 40	6,229,401
<b>Study type: randomised controlled trials<sup>6</sup></b>		
42.	((Randomized Controlled Trial or Controlled Clinical Trial or Clinical Trial, Phase III).pt. or (randomized or randomised).ab. or placebo.ab. or Drug Therapy.fs. or randomly.ab. or trial.ab. or groups.ab. or ("Phase 3" or "phase3" or "phase iii" or P3 or "Piii").ti,ab,kw.) not (exp Animals/ not Humans/)	5,182,943
<b>Combined sets</b>		
43.	17 or 25 or 32 or 38	1,320,213
44.	11 and 41 and 43	10,118
45.	42 and 44	2,164
<b>Final result</b>		
46.		2,164

The final search result, usually found at the end of the documentation, forms the list of abstracts.

<sup>6</sup> Cochrane Highly Sensitive Search Strategy for identifying randomized trials in MEDLINE: sensitivity-maximizing version (2008 revision); Ovid format. The Cochrane Collaboration; 2008. Available from: <https://training.cochrane.org/handbook/current/chapter-04-technical-supplement-searching-and-selecting-studies#section-3-6-1>. with modifications: the following terms are added: clinical trial, phase iii.pt. ; randomised.ab. ; ("Phase 3" or "phase3" or "phase III" or P3 or "Piii").ti,ab,kw.



**.ab.** = Abstract; **.ab,ti.** = Abstract or title; **.bt.** = Book title; **exp** = Term from the Medline controlled vocabulary, including terms found below this term in the MeSH hierarchy; **.kf.** = Author keyword; **.xs.** = Floating sub-heading, includes terms found below this term in the MeSH hierarchy; **/** = Term from the Medline controlled vocabulary, but does not include terms found below this term in the MeSH hierarchy; **\*** = Focus (if found in front of a MeSH-term); **\*** = Truncation (if found at the end of a free text term); **" "** = Citation Marks; searches for an exact phrase; **adjn** = Positional operator that lets you retrieve records that contain your terms (in any order) within a specified number (n) of words of each other; **?** = replaces one or no letters

# Health Economics

PsycINFO via EBSCO 17 January 2024

**Title:** Prevention of self-harm and suicide attempts in children and adolescents at risk. A systematic review and assessment of medical, economic, social and ethical aspects

Search terms	Items found
<b>Population</b>	
1. DE Self-destructive Behavior	3,458
2. DE Self-inflicted Wounds	814
3. DE Suicidal Behavior	695
4. DE Suicide	37,312
5. DE Suicidal Ideation	15,041
6. DE Attempted Suicide	12,323
7. DE Self-Poisoning	328
8. DE Suicide Prevention	6,601
9. DE Suicide Prevention Centers	142
10. DE Suicidology	470
11. DE Nonsuicidal Self-Injury	7,257
12. TI ( suicid* OR parasuicid* OR "auto mutilat*" OR automutilat* OR "self destruct*" OR selfdestruct* OR self-harm* OR selfharm* OR "self immolat*" OR selfimmolat* OR "self inflict*" OR selfinflict* OR "self injur*" OR selfinjur* OR selfmutilat* OR "self mutilat*" OR self poison* OR selfpoison* OR (self N2 (cut OR cuts OR cutting OR cutter* OR burn OR burns OR burning OR bite OR bites OR biting OR hit OR hits OR hitting)) OR "head bang*" OR headbang* ) OR AB ( suicid* OR parasuicid* OR "auto mutilat*" OR automutilat* OR "self destruct*" OR selfdestruct* OR self-harm* OR selfharm* OR "self immolat*" OR selfimmolat* OR "self inflict*" OR selfinflict* OR "self injur*" OR selfinjur* OR selfmutilat* OR "self mutilat*" OR self poison* OR selfpoison* OR (self N2 (cut OR cuts OR cutting OR cutter* OR burn OR burns OR burning OR bite OR bites OR biting OR hit OR hits OR hitting)) OR "head bang*" OR headbang* ) OR KW ( suicid* OR parasuicid* OR "auto mutilat*" OR automutilat* OR "self destruct*" OR selfdestruct* OR self-harm* OR selfharm* OR "self immolat*" OR selfimmolat* OR "self inflict*" OR selfinflict* OR "self injur*" OR selfinjur* OR selfmutilat* OR "self mutilat*" OR self poison* OR selfpoison* OR (self N2 (cut OR cuts OR cutting OR cutter* OR burn OR burns OR burning OR bite OR bites OR biting OR hit OR hits OR hitting)) OR "head bang*" OR headbang* )	90,462
13. TI ( nssi? OR ((nonsuicid* OR non-suicid*) N2 (self* OR injur*)) ) OR AB ( nssi? OR ((nonsuicid* OR non-suicid*) N2 (self* OR injur*)) ) OR KW ( nssi? OR ((nonsuicid* OR non-suicid*) N2 (self* OR injur*)) )	3,080
14. DE Drug Overdoses	2,966
15. TX prevent*	584,166
16. S14 AND S15	1,110
17. TI ( (nonfatal OR non-fatal) N2 (overdose* OR "over dose*") ) OR AB ( (nonfatal OR non-fatal) N2 (overdose* OR "over dose*") ) OR KW ( (nonfatal OR non-fatal) N2 (overdose* OR "over dose*") )	384
18. 1 OR 2 OR 3 OR 4 OR 5 OR 6 OR 7 OR 8 OR 9 OR 10 OR 11 OR 12 OR 13 OR 16 OR 17	93,665
<b>Selected interventions</b>	
19. DE "Dialectical Behavior Therapy"	1,949
20. DE "Cognitive Behavior Therapy" OR DE "Acceptance and Commitment Therapy" OR DE "Cognitive Analytic Therapy" OR DE "Cognitive Processing Therapy" OR DE "Cognitive Techniques" OR DE "Cognitive Therapy" OR DE "Mindfulness-Based Cognitive Therapy" OR DE "Trauma-Focused Cognitive Behavior Therapy"	48,338
21. DE "Family Therapy" OR DE "Conjoint Therapy" OR DE "Strategic Family Therapy" OR DE "Structural Family Therapy"	26,582
22. TI ( (cognitiv* OR dialectic*) N3 (behav* OR psychotherap* OR therap* OR treat*) ) OR AB ( (cognitiv* OR dialectic*) N3 (behav* OR psychotherap* OR therap* OR treat*) ) OR KW ( (cognitiv* OR dialectic*) N3 (behav* OR psychotherap* OR therap* OR treat*) )	100,195

23.	TI ( (famil* OR group* OR multifamil* OR parent*) N3 (based OR intervent* OR support* OR therap* OR treat*) ) OR AB ( (famil* OR group* OR multifamil* OR parent*) N3 (based OR intervent* OR support* OR therap* OR treat*) ) OR KW ( (famil* OR group* OR multifamil* OR parent*) N3 (based OR intervent* OR support* OR therap* OR treat*) )	250,738
24.	TI ( cbt OR dbt OR fbt OR mbt OR mentali?ation therap* ) OR AB ( cbt OR dbt OR fbt OR mbt OR mentali?ation therap* ) OR KW ( cbt OR dbt OR fbt OR mbt OR mentali?ation therap* )	21,107
25.	19 OR 20 OR 21 OR 22 OR 23 OR 24	348,365
<b>Health economic aspects<sup>7</sup></b>		
26.	(DE "Economics") OR (DE "Health Care Economics") OR (DE "Costs and Cost Analysis" OR DE "Budgets" OR DE "Health Care Costs") OR TI (economic* OR cost OR costs OR costly OR costing OR price OR prices OR pricing OR pharmacoeconomic*) OR AB (economic* OR cost OR costs OR costly OR costing OR price OR prices OR pricing OR pharmacoeconomic*)	265,951
<b>Combined sets:</b>		
27.	18 AND 25 AND 26	386
<b>Final result</b>		
28.		<b>386</b>

The final search result, usually found at the end of the documentation, forms the list of abstracts.

**AB** = Abstract; **DE** = Term from the thesaurus; **KW** = Author keyword; **MH** = Exact Subject Heading from CINAHL Subject Headings; **TI** = Title; **TX** = All Text. Performs a keyword search of all the database's searchable fields; \* = Truncation; " " = Citation Marks; searches for an exact phrase; ? = replaces one letter; **N** = Near Operator (N) finds the words if they are a maximum of x words apart from one another, regardless of the order in which they appear.; **W** = Within Operator (W) finds the words if they are within x words of one another, in the order in which you entered them

<sup>7</sup> Adapted/translated from: Search strategies: NHS EED. York: Centre for Reviews and Dissemination. Available from: <http://www.crd.york.ac.uk/crdweb/searchstrategies.asp>

**Embase via Elsevier 17 January 2024**

**Title:** Prevention of self-harm and suicide attempts in children and adolescents at risk. A systematic review and assessment of medical, economic, social and ethical aspects

Search terms	Items found
<b>Population</b>	
1. 'automutilation'/de	26,276
2. 'suicidal behavior'/de	20,434
3. 'self immolation'/de	157
4. 'self poisoning'/de	2,474
5. 'suicidal ideation'/de	32,934
6. 'suicide'/de	70,956
7. 'suicide attempt'/de	40,781
8. 'drug overdose'/de AND prevent*:ti,ab,kw	4,729
9. suicid*:ti,kw OR parasuicid*:ti,kw OR 'auto mutilat*':ti,kw OR automutilat*:ti,kw OR 'self destruct*':ti,kw OR selfdestruct*:ti,kw OR 'self harm*':ti,kw OR selfharm*:ti,kw OR 'self immolat*':ti,kw OR selfimmolat*:ti,kw OR 'self inflict*':ti,kw OR selfinflict*:ti,kw OR 'self injur*':ti,kw OR selfinjur*:ti,kw OR selfmutilat*:ti,kw OR 'self mutilat*':ti,kw OR 'self poison*':ti,kw OR selfpoison*:ti,kw OR ((self NEAR/2 (cut OR cuts OR cutting OR cutter? OR burn OR burns OR burning OR bite OR bites OR biting OR hit OR hits OR hitting)):ti,kw) OR 'head bang*':ti,kw OR headbang*:ti,kw	83,320
10. nssi?:ti,ab,kw OR (((nonsuicid* OR 'non-suicid*') NEAR/2 (self* OR injur*)):ti,ab,kw)	3,164
11. ((nonfatal OR 'non fatal') NEAR/2 (overdose? OR 'over dose?')):ti,ab,kw	237
12. 1 OR 2 OR 3 OR 4 OR 5 OR 6 OR 7 OR 8 OR 9 OR 10 OR 11	164,916
<b>Selected interventions</b>	
13. 'dialectical behavior therapy'/de	1,278
14. 'cognitive behavioral therapy'/de	26,191
15. 'family therapy'/de	15,116
16. 'group therapy'/de	24,448
17. ((cognitiv* OR dialectic*) NEAR/3 (behav* OR psychotherap* OR therap* OR treat*)):ti,ab,kw	105,079
18. ((famil* OR group* OR multifamil* OR parent*) NEAR/3 (based OR intervent* OR support* OR therap* OR treat*)):ti,ab,kw	850,326
19. cbt:ti,ab,kw OR dbt:ti,ab,kw OR fbt:ti,ab,kw OR mbt:ti,ab,kw OR 'mentali?ation therap*':ti,ab,kw	31,719
20. 13 OR 14 OR 15 OR 16 OR 17 OR 18 OR 19	977,428
<b>Health economic aspects<sup>8</sup></b>	
21. ('health economics'/de OR 'economic evaluation'/exp OR 'health care cost'/exp OR 'pharmacoeconomics'/exp OR econom*:ab,ti OR cost:ab,ti OR costs:ab,ti OR costly:ab,ti OR costing:ab,ti OR price:ab,ti OR prices:ab,ti OR pricing:ab,ti OR pharmacoeconomic*:ab,ti OR (expenditure*:ti,ab NOT energy:ti,ab) OR ((value NEXT/2 money):ab,ti) OR budget*:ab,ti) NOT (((metabolic NEXT/2 cost):ab,ti) OR (((energy OR oxygen) NEXT/2 cost):ab,ti) OR (((energy OR oxygen) NEAR/2 expenditure):ab,ti))	1,856,401
<b>Combined sets</b>	
22. 12 AND 20 AND 21	736
<b>Final result</b>	
23.	736

The final search result, usually found at the end of the documentation, forms the list of abstracts.

**/de** = Term from the EMTREE controlled vocabulary; **/exp** = Includes terms found below this term in the EMTREE hierarchy;

<sup>8</sup> Adapted/translated from: Search strategies: NHS EED. York: Centre for Reviews and Dissemination. Available from: <http://www.crd.york.ac.uk/crdweb/searchstrategies.asp>

**:ab** = Abstract; **:kw** = Author keyword ; **:ti** = Article Title; **:ti,ab** = Title or abstract; \* = Truncation; ' ' = Citation Marks; searches for an exact phrase; **NEAR/n** = Requests terms that are within 'n' words of each other in either direction; **NEXT/n** = Requests terms that are within 'n' words of each other in the order specified; ? = replaces one letter

**Medline via OvidSP 17 January 2024**

**Title:** Prevention of self-harm and suicide attempts in children and adolescents at risk. A systematic review and assessment of medical, economic, social and ethical aspects

Search terms	Items found
<b>Population</b>	
1. Self-Injurious Behavior/	10,146
2. Self-Mutilation/	3,252
3. Suicide/	40,999
4. Suicidal Ideation/	13,429
5. Suicide, Attempted/	23,222
6. Suicide Prevention/	11,490
7. (suicid* or parasuicid* or auto mutilat* or automutilat* or self destruct* or selfdestruct* or self-harm* or selfharm* or self immolat* or selfimmolat* or self inflict* or selfinflict* or self injur* or selfinjur* or selfmutilat* or self mutilat* or self poison* or selfpoison* or (self adj2 (cut or cuts or cutting or cutter? or burn or burns or burning or bite or bites or biting or hit or hits or hitting)) or head bang* or headbang*).ti,ab,kf.	68,732
8. (nssi? or ((nonsuicid* or non-suicid*) adj2 (self* or injur*))).ti,ab,kf.	2,772
9. Drug Overdose/ and prevent*.af.	4,004
10. ((nonfatal or non-fatal) adj2 (overdose? or over dose?)).mp.	603
11. 1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10	99,295
<b>Selected interventions</b>	
12. Dialectical Behavior Therapy/	294
13. Cognitive Behavioral Therapy/	30836
14. Family Therapy/	9218
15. Psychotherapy, Group/	14530
16. ((cognitiv* or dialectic*) adj3 (behav* or psychotherap* or therap* or treat*)).ti,ab,kf,bt.	74722
17. ((famil* or group* or multifamil* or parent*) adj3 (based or intervent* or support* or therap* or treat*)).ti,ab,kf,bt.	587566
18. (cbt or dbt or fbt or mbt or mentali#ation therap*).ti,ab,kf,bt.	22217
19. 12 or 13 or 14 or 15 or 16 or 17 or 18	678,123
<b>Health economic aspects<sup>9</sup></b>	
20. (Economics/ or exp "Costs and Cost Analysis"/ or Economics, Dental/ or exp "Economics, Hospital"/ or Economics, Medical/ or Economics, Nursing/ or Economics, Pharmaceutical/ or (economic* or cost or costs or costly or costing or price or prices or pricing or pharmaco-economic*).ti,ab. or (expenditure* not energy).ti,ab. or (value adj1 money).ti,ab. or budget*.ti,ab.) not (((energy or oxygen) adj cost) or (metabolic adj cost) or ((energy or oxygen) adj expenditure)).ti,ab. not (Letter or Historical Article).pt.	1,221,466
<b>Combined sets</b>	
21. 11 and 19 and 20	241
<b>Final result</b>	
22.	241

The final search result, usually found at the end of the documentation, forms the list of abstracts.

**.ab.** = Abstract; **.ab,ti.** = Abstract or title; **.bt.** = Book title; **exp** = Term from the Medline controlled vocabulary, including terms found below this term in the MeSH hierarchy; **.kf.** = Author keyword; **.ti.** = Title; **/** = Term from the Medline controlled vocabulary, but does not include terms found below this term in the MeSH hierarchy; **\*** = Focus (if found in front of a MeSH-term); **^** = Truncation (if found at the end of a free text term); **" "** = Citation Marks; searches for an exact phrase; **adjn** = Positional operator that lets you retrieve records that contain your terms (in any order) within a specified number (n) of words of each other; **?** = replaces one or no letters

<sup>9</sup> NHS EED MEDLINE using OvidSP. York: Centre for Reviews and Dissemination. Available from: <http://www.crd.york.ac.uk/crdweb/searchstrategies.asp>