

Interventioner för att förebygga och minska  
tvångsåtgärder inom psykiatrisk vård och  
institutionsvård av barn och unga  
/ Interventions to Prevent and Reduce  
Coercive Measures in Psychiatric Care and  
Residential Care for Children and Adolescents  
Report 400 (2025)

## Appendix 1 Search strategies

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## 1 Quantitative and qualitative

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

Academic Search Premiere (ASP) via EBSCO 17 February 2025

Title: coercive methods (seclusion/restraint)

| Search terms   | Items found |
|--|-------------|
| <b>Population: children or staff (working with children)</b>   |             |
| DE "CHILDREN" OR DE "YOUTH" OR DE "MINORS" OR DE "TEENAGERS"   | 239,308     |
| TI (adolescent* OR adolescence OR boys OR child* OR childhood OR "early adult" OR girls OR juvenile* OR minor* OR offspring* OR pediatric* OR paediatric* OR puberty OR pupil* OR school-age* OR school-based OR "school student*" OR student* OR teen* OR tween* OR "under age" OR underage* OR young OR "young adult*" OR "young people" OR "young person*" OR youngster* OR youth* OR "young offender*") OR AB (adolescent* OR adolescence OR boys OR child* OR childhood OR "early adult" OR girls OR juvenile* OR minor* OR offspring* OR pediatric* OR paediatric* OR puberty OR pupil* OR school-age* OR school-based OR "school student*" OR student* OR teen* OR tween* OR "under age" OR underage* OR young OR "young adult*" OR "young people" OR "young person*" OR youngster* OR youth* OR "young offender*")   | 3,854,311   |
| (TI(employee* OR clinician OR guard* OR nurse* OR personnel OR "prison warden*" OR staff OR "Mental health professional*" OR "Formal carer*" OR CAPCAMHS OR "CAMHS Professional*" OR "CAMHS Staff" OR "CAMHS nurse*") OR DE "PATIENT-professional relations" OR DE "Client relations") AND TI (adolescent* OR adolescence OR boys OR child* OR childhood OR "early adult" OR girls OR juvenile* OR minor* OR offspring* OR puberty OR pupil* OR school-age* OR school-based OR "school student*" OR student* OR teen* OR tween* OR "under age" OR underage* OR young OR "young adult*" OR "young people" OR "young person*" OR youngster* OR youth* OR "young offender*") OR (AB(employee* OR clinician OR guard* OR nurse* OR personnel OR "prison warden*" OR staff OR "Mental health professional*" OR "Formal carer*" OR CAPCAMHS OR "CAMHS Professional*" OR "CAMHS Staff" OR "CAMHS nurse*") OR DE "PATIENT-professional relations" OR DE "Client relations") AND AB (adolescent* OR adolescence OR boys OR child* OR childhood OR "early adult" OR girls OR juvenile* OR minor* OR offspring* OR puberty OR pupil* OR school-age* OR school-based OR "school student*" OR student* OR teen* OR tween* OR "under age" OR underage* OR young OR "young adult*" OR "young people" OR "young person*" OR youngster* OR youth* OR "young offender*") | 161,690     |
| 1 OR 2 OR 3  | 3,874,771   |
| <b>Outcome: Coercion (seclusion / restraint)</b>   |             |
| DE "SOLITUDE" OR DE "RESTRAINT of prisoners" OR DE "RESTRAINT of patients" OR DE "RESTRAINT of children with mental illness" OR DE "SECLUSION of psychiatric hospital patients" OR DE "INVOLUNTARY treatment" OR DE "PUNISHMENT"   | 14,341      |
| TI ((constrain OR constrained OR constraints OR containment OR involuntar* OR coercion* OR coerciv* OR coerced OR "non voluntary" OR nonvoluntary OR "restrictive practice*" OR coercion OR "noncoerc*" OR seclusion OR seclusions OR seclude* OR restrain* OR "physical hold*" OR "therapeutic hold*" OR "forced emergency medication" OR "forced medication" OR "pharmacological restraint" OR "chemical restraint" OR "rapid tranquilisation" OR "rapid tranquilization" OR "Involuntary injection*" OR "forced injection*")) OR (lock* N1 (bedroom OR door* OR setting* OR ward* OR room OR rooms)) OR belting OR "net bed*" OR straitjacket* OR strait-jacket*)   | 107,655     |
| AB((constrain OR constrained OR constraints OR containment OR involuntar* OR coercion* OR coerciv* OR coerced OR "non voluntary" OR nonvoluntary OR "restrictive practice*" OR coercion OR "noncoerc*" OR seclusion OR seclusions OR seclude* OR restrain* OR "physical hold*" OR "therapeutic hold*" OR "forced emergency medication" OR "forced medication" OR "pharmacological restraint" OR "chemical restraint" OR "rapid tranquilisation" OR "rapid tranquilization" OR "Involuntary injection*" OR "forced injection*") OR (lock* N1 (bedroom OR door* OR setting* OR ward* OR room OR rooms)) OR belting OR "net bed*" OR straitjacket* OR strait-jacket*)   | 578,476     |

|  |           |
|--|-----------|
| TX (((seclusion* OR seclud*) N1 (prevent* OR reduc* OR minimize* OR decrease*)) OR "solitary confinement" OR "Care in solitude" OR "Constant observation" OR "continuous observation" OR "suicide watch" OR (isolation N3 (booth* OR room*)) OR "physical constraint" OR "physical restraint" OR "forced emergency medication" OR "forced medication" OR "pharmacological restraint" OR "chemical restraint" OR "rapid tranquilisation" OR "rapid tranquilization" OR "Involuntary injection*" OR "forced injection*")   | 20,738    |
| 5 OR 6 OR 7 OR 8   | 642,247   |
| <b>Setting</b>   |           |
| DE "INSTITUTIONAL care of children" OR DE "RESIDENTIAL care" OR DE "PSYCHIATRIC hospitals" OR DE "INPATIENT care" OR DE "INSTITUTIONALIZED persons" OR DE "PRISONERS" OR DE "PRISONS" OR DE "CORRECTIONAL institutions"  | 49,928    |
| TI (forensic OR Inpatient* OR in-patient* OR institution* OR jail OR "penal institution*" OR penitentiary* OR prison* OR residential OR unit OR ward*)   | 1,432,545 |
| AB (( ( psychiatric* OR mental ) N1 ( unit* OR ward* OR hospital* OR facilit* OR department* OR institution* OR inpatient* OR center OR centers OR centre OR centres OR setting* ) ) OR "Treatment facility*" OR ((Hospital) N3 (secur*)) OR ((Maximum OR High* OR medium OR Low* OR Minimum OR forensic*) W2 (secur*)) OR "secure psychiatric service*" OR "secure psychiatric facilit*" OR "secure setting*" OR "secure hospital" OR "secure psychiatric" OR "secure environment*" OR ( residential N1 ( care OR childcare OR client* OR facilit* OR home* OR program* OR provider* OR service* OR secure OR treatment* ) ) OR (Secure N0 (accommodation OR care OR "children* home*" OR home OR homes OR placement* OR residential OR "training centre*")) OR ((Correctional) N1 (care OR facilit* OR institut* OR rehabilitation OR setting* OR treatment* OR officer* OR staff OR worker*)) OR ((institut* OR unit*) N2 (correction* OR juvenile* OR "young offender*" OR treatment OR secluded OR secure OR forensic)) OR (detention W0 home*) OR "special youth home*" OR (compulsory N1 care) OR jail* OR "penal institution*" OR penitentiary* OR prison*)  | 165,142   |
| 10 OR 11 OR 12   | 1,566,919 |
| <b>Combined sets</b>   |           |
| 4 AND 9 AND 13   | 2,698     |
| 14 AND   | 1,997     |
| Limiters - Peer Reviewed; Document Type: Article   |           |
| 15 NOT ((ZW "animal") OR DE "ANIMALS" OR DE "ABANDONED animals" OR DE "AFRICAN animals" OR DE "ANIMAL diversity" OR DE "ANIMAL folklore" OR DE "ANIMALS & civilization" OR DE "ANIMALS as artists" OR DE "ANIMALS as photographers" OR DE "ANIMALS in the classroom" OR DE "ANIMALS with disabilities" OR DE "ANTIBIOTIC-producing organisms" OR DE "AQUATIC animals" OR DE "ARBOREAL animals" OR DE "ARCTIC animals" OR DE "ARID regions animals" OR DE "ARMORED animals" OR DE "AUSTRALIAN animals" OR DE "BLOODSUCKING animals" OR DE "BURROWING animals" OR DE "CANYON animals" OR DE "CAPTIVE wild animals" OR DE "CARNIVOROUS animals" OR DE "CAVE animals" OR DE "CERRADO animals" OR DE "CHORDATA" OR DE "COASTAL animals" OR DE "COLD-blooded animals" OR DE "COMPOST animals" OR DE "DANGEROUS animals" OR DE "DEAD animals" OR DE "DOMESTIC animals" OR DE "ECDYSOZOA" OR DE "ENDANGERED species" OR DE "ENDEMIC animals" OR DE "EUTHANASIA of animals" OR DE "EXOTIC animals" OR DE "EXTINCT animals" OR DE "FAMOUS animals" OR DE "FERAL animals" OR DE "FOOD animals" OR DE "FOREST animals" OR DE "FORTUNE-telling by animals" OR DE "FUNGIVORES" OR DE "GARDEN animals" OR DE "GERMFREE animals" OR DE "GRASSLAND animals" OR DE "HALOPHILIC animals" OR DE "HEATHLAND animals" OR DE "HERBIVORES" OR DE "INTERSEXUALITY in animals" OR DE "INTRODUCED animals" OR DE "INVERTEBRATES" OR DE "ISLAND animals" OR DE "LABORATORY animals" OR DE "LAND capability for wildlife" OR DE "MEADOW animals" OR DE "MEGAFUNA" OR DE "MICROCHIP implants in animals" OR DE "MIGRATORY animals" OR DE "MOUNTAIN animals" OR DE "NECTARIVORES" OR DE "OMNIVORES" OR DE "ORPHANED animals" OR DE "PARAMO animals" OR DE "PEATLAND animals" OR DE "PETS" OR DE "PISCIVORES" OR DE "PLAINS animals" OR DE "PREDATORY animals" OR DE "RARE animals" OR DE "RIPARIAN animals" OR DE "ROADSIDE animals" OR DE "SAND dune animals" OR DE "SEED dispersal by animals" OR DE "SOIL animals" OR DE "SPIDER web animals" OR DE "SUBURBAN animals" OR DE "TRANSGENIC animals" OR DE "TUNDRA animals" OR DE "URBAN animals" OR DE | 1,995     |

"WARM-blooded animals" OR DE "WETLAND animals" OR DE "WILDLIFE attracting" OR DE  
 "WOMEN & animals" OR DE "WOODPILE animals" OR DE "WORKING animals" OR DE "ZOO  
 animals")

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**Final result**

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**16 AND Limiters - Publication Date: 20050101-**

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**1,802**

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

**AB** = Abstract; **AU** = Author; **DE** = Term from the thesaurus; **KW** (Available in Academic Search Premiere / SocINDEX / PsycInfo) = Author keyword; **MH** = Exact Subject Heading from CINAHL Subject Headings; **MM** = Major Concept; **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; **ZC** = Methodology Index; \* = 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

Cinahl via EBSCO 17 February 2025

Title: Cohersive methods (seclusion/restraint)

| Search terms  | Items found |
|---|-------------|
| <b>Population: children or staff (working with children)</b>  |             |
| (ZG "child: 6-12 years") or (ZG "adolescent: 13-18 years") OR MH "Minors (Legal)" OR (MH "Juvenile Offenders") OR (MH "Child, Preschool") OR (MH "Child, Institutionalized") OR (MH "Child, Hospitalized") OR (MH "Child Psychiatry") OR (MH "Adolescence") OR (MH "Adolescent, Hospitalized") OR (MH "Young Adult")  | 1,118,894   |
| TI (adolescent* OR adolescence OR boys OR child* OR childhood OR "early adult" OR girls OR juvenile* OR minor* OR offspring* OR pediatric* OR paediatric* OR puberty OR pupil* OR school-age* OR school-based OR "school student*" OR student* OR teen* OR tween* OR "under age" OR underage* OR young OR "young adult*" OR "young people" OR "young person*" OR youngster* OR youth* OR "young offender*") OR AB (adolescent* OR adolescence OR boys OR child* OR childhood OR "early adult" OR girls OR juvenile* OR minor* OR offspring* OR pediatric* OR paediatric* OR puberty OR pupil* OR school-age* OR school-based OR "school student*" OR student* OR teen* OR tween* OR "under age" OR underage* OR young OR "young adult*" OR "young people" OR "young person*" OR youngster* OR youth* OR "young offender*")  | 1,217,618   |
| (TX (employee* OR clinician OR guard* OR nurse* OR personnel OR "prison warden*" OR staff OR "Mental health professional*" OR "Formal carer*" OR CAPCAMHS OR "CAMHS Professional*" OR "CAMHS Staff" OR "CAMHS nurse*") OR DE "PATIENT-professional relations" OR DE "Client relations") AND TX (adolescent* OR adolescence OR boys OR child* OR childhood OR "early adult" OR girls OR juvenile* OR minor* OR offspring* OR puberty OR pupil* OR school-age* OR school-based OR "school student*" OR student* OR teen* OR tween* OR "under age" OR underage* OR young OR "young adult*" OR "young people" OR "young person*" OR youngster* OR youth* OR "young offender*")  | 594,008     |
| 1 OR 2 OR 3   | 2,012,473   |
| <b>Outcome: Coercion (seclusion / restraint)</b>  |             |
| MH "Coercion" OR MH "Patient Seclusion" OR MH "Restraint, Physical" OR (MH "Social Isolation") OR MH "Restraint, Chemical" OR (MH "Involuntary Treatment")  | 21,094      |
| TI (constrain OR constrained OR constraints OR containment OR involuntar* OR coercion* OR coerciv* OR coerced OR "non voluntary" OR nonvoluntary OR restrain* OR "restrictive practice*" OR Seclusion OR seclusions OR seclude*)  | 11,613      |
| TI ( (constrain OR constrained OR constraints OR containment OR involuntar* OR compulsor* OR compulsion* OR coercion* OR coerciv* OR coerced OR enforced OR forced OR forcibl* OR "non voluntary" OR restrictive ) N3 ( treat* OR interven* OR care OR caregiving OR admission* OR admit* OR commit* OR hospitaliz* OR hospitalis* OR interventions* OR patient* OR medicat* OR measure* OR method* OR prevent* OR power OR "behav* control" OR detention ) ) OR AB ( (constrain OR constrained OR constraints OR containment OR involuntar* OR compulsor* OR compulsion* OR coercion* OR coerciv* OR coerced OR enforced OR forced OR forcibl* OR "non voluntary" OR restrictive ) N3 ( treat* OR interven* OR care OR caregiving OR admission* OR admit* OR commit* OR hospitaliz* OR hospitalis* OR intervention* OR patient* OR medicat* OR measure* OR method* OR prevent* OR power OR "behav* control" OR detention ) ) OR TI (coercion OR "noncoerc*") OR AB (( coercion AND treatment ) OR "noncoerc*")) OR AB (Seclusion OR seclusions OR seclude*) OR TI ( lock* N1 ( bedroom OR door* OR setting* OR ward* OR room ) ) OR AB ( lock* N1 ( door* OR setting* OR ward* OR room ) ) OR TI ("solitary confinement" OR "Care in solitude" OR "Constant observation" OR "continous observation" OR "suicide watch") OR AB ("solitary confinement" OR "Care in solitude" OR "Constant observation" OR "continous observation" OR "suicide watch") OR TX (isolation N3 (booth* or room*)) OR AB ((Restrain* N3 (prevent* OR reduc* OR minimize* OR decrease*)) OR TX ((Restrain* OR restrict* OR seclusion OR "punitive strateg*" OR coercive) N1 (prevent* OR reduc* OR minimize* OR decrease*)) OR TI ( ( restrain* ) N3 ( treat* OR interven* OR care OR caregiving OR admission* OR admit* OR commit* OR hospitaliz* OR hospitalis* OR interventions* OR patient* OR medicat* OR measure* OR method* OR power OR "behav* control" OR detention ) ) OR AB ( ( restrain* OR constrain OR constrained OR constrains OR containment OR involuntar* OR compulsor* OR compulsion* OR coercion* OR coerciv* OR coerced OR enforced OR forced OR forcibl* OR "non voluntary" ) N3 ( treat* OR interven* OR care OR | 19,911      |

caregiving OR admission\* OR admit\* OR commit\* OR hospitaliz\* OR hospitalis\* OR intervention\* OR patient\* OR medicat\* OR measure\* OR method\* OR power OR "behav\* control" OR detention ) ) OR TI ( ( restrain\* OR coercion OR constrain OR constrained OR constrains ) N3 ( chemical\* OR manual OR mechanical\* OR medical OR physical\* OR psychiatric ) ) OR AB ( ( restrain\* OR coercion OR constrain OR constrained OR constrains ) N3 ( chemical\* OR manual OR mechanical\* OR medical OR physical\* OR psychiatric ) ) OR TI ( ( belt\* OR environmental OR face-down OR limb\* OR manual OR mask\* OR pinel OR posey OR prone OR soft OR vest ) N1 restrain\* ) OR AB ( ( belt\* OR environmental OR face-down OR limb\* OR manual OR mask\* OR pinel OR posey OR prone OR soft OR vest ) N1 restrain\* ) OR TI ( belt\* N3 ( emergency OR lap OR response OR restrictive OR wheelchair ) ) OR AB ( belt\* N3 ( emergency OR lap OR response OR restrictive OR wheelchair ) ) OR TI ( belting OR "net bed\*" OR straitjacket\* OR strait-jacket\* ) OR AB ( belting OR "net bed\*" OR straitjacket\* OR strait-jacket\* OR bedrail\* OR "bed side rails" ) OR TI (((held OR hold\*) N2 (down OR secure OR tight\*)) OR (put\* W0 down) OR "physical hold\*" OR "therapeutic hold\*") OR AB(((held OR hold\*) N0 (down OR secure OR tight\*)) OR (put\* W0 down) OR "physical hold\*" OR "therapeutic hold\*") OR TX ("forced emergency medication" OR "forced medication" OR "pharmacological restraint" OR "chemical restraint" OR "rapid tranquilisation" OR "rapid tranquilization" OR "Involuntary injection\*" OR "forced injection\*"))

5 OR 6 OR 7

43,485

## Interventions

MH "Conflict Management" OR MH "Acceptance and Commitment Therapy" OR MH "Sensory Stimulation" OR MH "Dialectical Behavior Therapy" OR ((MH "Program Evaluation" OR MH "Staff Development" OR MH "Program Evaluation" OR MH "Crisis Intervention" OR MH "Program Implementation") AND ((MH "Workplace Violence Prevention and Control" OR MM "Patient Assault Prevention and Control" OR TX "aggressi\*" OR TX "conflict\*" OR TX "violen\*"))))

17,816

TI("acceptance and commitment therapy" OR "crisis card\*" OR "crisis case management" OR "crisis intervention\*" OR "crisis plan\*" OR "crisis residential program\*" OR "crisis resolution\*" OR "crisis respite\*" OR de-escalation OR deescalation OR "defusing skill\*" OR "motivational interview\*" OR "multisensory intervention\*" OR "multi-sensory intervention\*" OR "multisensory room\*" OR "multi-sensory room\*" OR "no power no lose" OR "non-violent resistance" OR "response team\*" OR "open dialogue" OR "peer respite" OR "positive behavioral intervention\*" OR "positive behavioural intervention\*" OR "positive behavioral intervention\*" OR "respite care" OR safeward\* OR "shared decision making" OR "studio iii" OR "comfort room" OR "post incident care" OR post incident review") OR ( sensory N1 ( approach\* OR assessment\* OR method\* OR modulation OR principles OR room\* OR strateg\* ) OR "6 core strateg\*" OR "aggression replacement training" OR "assertive community treatment" OR "Behavioral emergency response team" OR "Children and Residential Experiences" OR "comfort room\*" OR "family group conferenc\*" OR "Juvenile Justice Anger Management" OR multifunc OR "no force first" OR "promoting risk intervention by situational management" OR resima OR "safepath" OR safeward\* OR safe-ward\* OR "six core strateg\*" OR snoezelen OR terma OR "treatment foster care oregon" OR "Dialectical behavior therapy" OR "behavior modification program\*" OR "Comprehensive behavioral management" OR "Behavioral management program" OR "Open door policy" OR "open door policies" OR "Positive alternatives to restraint and seclusion" OR "Child and family-centered care" OR "Milieu nurse" OR "milieu therapy" OR "Autism spectrum disorder care pathway" OR "Mindfulness based stress reduction" OR "Strength based care" OR "Strength based approach" OR "trauma-informed care" OR "care pathway" OR "Collaborative and proactive solutions" OR "Collaborative problem solving" OR "Rights based care" OR "secure based care" OR (Trauma-informed W1 (approach\* OR care OR recovery OR therapy))) OR (("Patient-centred" OR "patient involvement" OR "patient participation") AND (planning OR intervent\* OR "communication skills")) OR AB( "acceptance and commitment therapy" OR "crisis card\*" OR "crisis case management" OR "crisis intervention\*" OR "crisis plan\*" OR "crisis residential program\*" OR "crisis resolution\*" OR "crisis respite\*" OR de-escalation OR deescalation OR "defusing skill\*" OR "motivational interview\*" OR "multisensory intervention\*" OR "multi-sensory intervention\*" OR "multisensory room\*" OR "multi-sensory room\*" OR "no power no lose" OR "non-violent resistance" OR "response team\*" OR "open dialogue" OR "peer respite" OR "positive behavioral intervention\*" OR "positive behavioural intervention\*" OR "positive

20,157

behavioral intervention\*" OR "respite care" OR safeguard\* OR "shared decision making" OR "studio iii" OR "comfort room" OR "post incident care" OR post incident review") OR ( sensory N1 ( approach\* OR assessment\* OR method\* OR modulation OR principles OR room\* OR strateg\* ) OR "6 core strateg\*" OR "aggression replacement training" OR "assertive community treatment" OR "Behavioral emergency response team" OR "Children and Residential Experiences" OR "comfort room\*" OR "family group conferenc\*" OR "Juvenile Justice Anger Management" OR multifunc OR "no force first" OR "promoting risk intervention by situational management" OR resima OR "safepath" OR safeguard\* OR safe-ward\* OR "six core strateg\*" OR snoezelen OR terma OR "treatment foster care oregon" OR "Dialectical behavior therapy" OR "behavior modification program\*" OR "Comprehensive behavioral management" OR "Behavioral management program" OR "Open door policy" OR "open door policies" OR "Positive alternatives to restraint and seclusion" OR "Child and family-centered care" OR "Milieu nurse" OR "milieu therapy" OR "Autism spectrum disorder care pathway" OR "Mindfulness based stress reduction" OR "Strength based care" OR "Strength based approach" OR "trauma-informed care" OR "care pathway" OR "Collaborative and proactive solutions" OR "Collaborative problem solving" OR "Rights based care" OR "secure based care" OR (Trauma-informed W1 (approach OR care OR practice OR intervention OR system OR measure\* OR question\* OR survey OR checklist OR assessment OR evaluation) OR (("Patient-centred" OR "patient involvement" OR "patient participation") AND (planning OR intervent\* OR "communication skills")) OR "self admission" OR "brief admission")

|   |         |
|---|---------|
| 9 OR 10   | 33,592  |
| <b>Setting: Child protective services/mental health services/correctional facilities</b>  |         |
| (MH "Correctional Facilities") OR MH "Hospitalization" OR MH "Hospitals, Psychiatric" OR MH "Inpatients" OR (MH "Involuntary Commitment") OR MH "Psychiatric Care" OR MH "Psychiatric Units" OR (MH "Residential Care") OR MH "Residential Facilities" OR (MH "Youth Care Facilities")  | 168,754 |
| TI (forensic* OR inpatient* OR in-patient* OR institution* OR ward* OR unit OR residential) OR AB ((inpatient OR in-patient*) N1 (setting* OR unit* OR facility* OR treatment OR ward*))  | 341,068 |
| TI (((psychiatric* OR mental) N1 (unit* OR ward* OR hospital* OR facilit* OR department* OR institution* OR inpatient* OR center OR centers OR centre OR centres OR setting*)) OR "Treatment facility*" OR ((Hospital) N3 (secur*)) OR ((Maximum OR High* OR medium OR Low* OR Minimum OR forensic*) W2 (secur*)) OR "secure psychiatric service*" OR "secure psychiatric facilit*" OR "secure setting*" OR "secure hospital" OR "secure psychiatric" OR "secure environment*" OR ( residential N1 ( care OR childcare OR client* OR facilit* OR home* OR program* OR provider* OR service* OR secure OR treatment*)) OR (Secure NO (accommodation OR care OR "children* home*" OR home OR homes OR placement* OR residential OR "training centre*")) OR ((Correctional) N1 (care OR facilit* OR institut* OR rehabilitation OR setting* OR treatment* OR officer* OR staff OR worker*)) OR ((institut* OR unit*) N2 (correction* OR juvenile* OR "young offender*" OR treatment OR secluded OR secure OR forensic)) OR (detention W0 home*) OR "special youth home*" OR (compulsory N1 care) OR jail* OR "penal institution*" OR penitentiary* OR prison*) OR AB ((psychiatric* OR mental) N1 (unit* OR ward* OR hospital* OR facilit* OR department* OR institution* OR inpatient* OR center OR centers OR centre OR centres OR setting*)) OR "Treatment facility*" OR ((Hospital) N3 (secur*)) OR ((Maximum OR High* OR medium OR Low* OR Minimum OR forensic*) W2 (secur*)) OR "secure psychiatric service*" OR "secure psychiatric facilit*" OR "secure setting*" OR "secure hospital" OR "secure psychiatric" OR "secure environment*" OR (residential N1 (care OR childcare OR client* OR facilit* OR home* OR program* OR provider* OR service* OR secure OR treatment*)) OR (Secure NO (accommodation OR care OR "children* home*" OR home OR homes OR placement* OR residential OR "training centre*")) OR ((Correctional) N1 (care OR facilit* OR institut* OR rehabilitation OR setting* OR treatment* OR officer* OR staff OR worker*)) OR ((institut* OR unit*) N2 (correction* OR juvenile* OR "young offender*" OR treatment OR secluded OR secure OR forensic)) OR (detention W0 home*) OR "special youth home*" OR (compulsory N1 care) OR jail* OR "penal institution*" OR penitentiary* OR prison*) | 48,404  |
| 12 OR 13 OR 14  | 501,671 |
| <b>Combined sets:</b>   |         |
| 8 OR 11   | 79,149  |

|   |              |
|---|--------------|
| 4 AND 15 AND 16   | 3,322        |
| 17 AND Limiters - Peer Reviewed; Research Article           | 2,222        |
| <b>Final result</b>   |              |
| <b>18 AND Limiters - Publication Date: 20050101-; Human</b> | <b>1,976</b> |

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

**AB** = Abstract; **AU** = Author; **DE** = Term from the thesaurus; **KW** (Available in Academic Search Premiere / SocINDEX / PsycInfo) = Author keyword; **MH** = Exact Subject Heading from CINAHL Subject Headings; **MM** = Major Concept; **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; **ZC** = Methodology Index; **\*** = 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



| Search terms   | Items found |
|--|-------------|
| <b>Population: children or staff (working with children)</b>   |             |
| 1. DE "ADOLESCENCE" OR DE "JUVENILE offenders" OR DE "YOUNG adults" OR DE "CHILDREN"<br>TI (adolescent* OR adolescence OR boys OR child* OR childhood OR "early adult" OR girls OR juvenile* OR minor* OR offspring* OR pediatric* OR paediatric* OR puberty OR pupil* OR school-age* OR school-based OR "school student*" OR student* OR teen* OR tween* OR "under age" OR underage* OR young OR "young adult*" OR "young people" OR "young person*" OR youngster* OR youth* OR "young offender*") OR AB (adolescent* OR adolescence OR boys OR child* OR childhood OR "early adult" OR girls OR juvenile* OR minor* OR offspring* OR pediatric* OR paediatric* OR puberty OR pupil* OR school-age* OR school-based OR "school student*" OR student* OR teen* OR tween* OR "under age" OR underage* OR young OR "young adult*" OR "young people" OR "young person*" OR youngster* OR youth* OR "young offender*")   | 21,098      |
| (TX (employee* OR clinician OR guard* OR nurse* OR personnel OR "prison warden*" OR staff OR "Mental health professional*" OR "Formal carer*" OR CAPCAMHS OR "CAMHS Professional*" OR "CAMHS Staff" OR "CAMHS nurse*") OR DE "PATIENT-professional relations" OR DE "Client relations") AND TX (adolescent* OR adolescence OR boys OR child* OR childhood OR "early adult" OR girls OR juvenile* OR minor* OR offspring* OR puberty OR pupil* OR school-age* OR school-based OR "school student*" OR student* OR teen* OR tween* OR "under age" OR underage* OR young OR "young adult*" OR "young people" OR "young person*" OR youngster* OR youth* OR "young offender*")   | 170,100     |
| 1 OR 2 OR 3  | 124,055     |
| <b>Outcome: Coercion (seclusion / restraint)</b>   |             |
| (SU "SECLUSION of psychiatric hospital patients" OR SU "RESTRAINT of patients" OR SU "RESTRAINT of prisoners" OR SU "SOLITARY confinement" OR SU "INVOLUNTARY treatment") OR SU "confinement"  | 251,375     |
| <b>TI</b> (constrain OR constrained OR constraints OR containment OR involuntar* OR coercion* OR coerciv* OR coerced OR "non voluntary" OR nonvoluntary OR restrain* OR "restrictive practice*" OR Seclusion OR seclusions OR seclude*)  | 1,003       |
| <b>TI</b> ( (constrain OR constrained OR constrains OR containment OR involuntar* OR compulsor* OR compulsion* OR coercion* OR coerciv* OR coerced OR enforced OR forced OR forcibl* OR "non voluntary" OR restrictive ) N3 ( treat* OR interven* OR care OR caregiving OR admission* OR admit* OR commit* OR hospitaliz* OR hospitalis* OR interventions* OR patient* OR medicat* OR measure* OR method* OR prevent* OR power OR "behav* control" OR detention ) ) OR <b>AB</b> ( (constrain OR constrained OR constrains OR containment OR involuntar* OR coercion* OR coerciv* OR coerced OR enforced OR forced OR forcibl* OR "non voluntary" OR restrictive ) N3 ( treat* OR interven* OR care OR caregiving OR admission* OR admit* OR commit* OR hospitaliz* OR hospitalis* OR intervention* OR patient* OR medicat* OR measure* OR method* OR prevent* OR power OR "behav* control" OR detention ) ) OR <b>TI</b> (coercion OR "noncoerc*") OR <b>AB</b> (( coercion AND treatment ) OR "noncoerc*") OR <b>AB</b> (Seclusion OR seclusions OR seclude*) OR <b>TI</b> ( lock* N1 ( bedroom OR door* OR setting* OR ward* OR room ) ) OR <b>AB</b> (lock* N1 ( door* OR setting* OR ward* OR room ) ) OR <b>TI</b> ("solitary confinement" OR "Care in solitude" OR "Constant observation" OR "continous observation" OR "suicide watch") OR <b>AB</b> ("solitary confinement" OR "Care in solitude" OR "Constant observation" OR "continous observation" OR "suicide watch") OR <b>TX</b> (isolation N3 (booth* or room*)) OR <b>AB</b> ((Restrain* N3 (prevent* OR reduc* OR minimize* OR decrease*)) OR <b>TX</b> ((Restrain* OR restrict* OR seclusion OR "punitive strateg*" OR coercive) N1 (prevent* OR reduc* OR minimize* OR decrease*)) OR <b>TI</b> ((restrain*) N3 (treat* OR interven* OR care OR caregiving OR admission* OR admit* OR commit* OR hospitaliz* OR hospitalis* OR interventions* OR patient* OR medicat* OR measure* OR method* OR power OR "behav* control" OR detention)) OR <b>AB</b> ((restrain* OR constrain OR constrained OR constrains OR containment OR involuntar* OR coercion* OR coerciv* OR coerced OR enforced OR forced OR forcibl* OR "non voluntary") N3 (treat* OR interven* OR care OR caregiving OR admission* OR admit* OR commit* OR hospitaliz* OR hospitalis* OR intervention* OR patient* OR medicat* OR measure* OR method* OR | 2,700       |
|  | 5,842       |

|   |       |
|---|-------|
| power OR "behav* control" OR detention)) OR TI ( ( restrain* OR coercion OR constrain OR constrained OR constrains ) N3 ( chemical* OR manual OR mechanical* OR medical OR physical* OR psychiatric)) OR AB ((restrain* OR coercion OR constrain OR constrained OR constrains) N3 (chemical* OR manual OR mechanical* OR medical OR physical* OR psychiatric)) OR TI ((belt* OR environmental OR face-down OR limb* OR manual OR mask* OR pinel OR posey OR prone OR soft OR vest) N1 restrain*) OR AB ((belt* OR environmental OR face-down OR limb* OR manual OR mask* OR pinel OR posey OR prone OR soft OR vest) N1 restrain*) OR TI (belt* N3 (emergency OR lap OR response OR restrictive OR wheelchair ) ) OR AB ( belt* N3 ( emergency OR lap OR response OR restrictive OR wheelchair ) ) OR TI ( belting OR "net bed*" OR straitjacket* OR strait-jacket* ) OR AB ( belting OR "net bed*" OR straitjacket* OR strait-jacket* OR bedrail* OR "bed side rails" ) OR TI (((held OR hold*) N2 (down OR secure OR tight*)) OR (put* W0 down) OR "physical hold*" OR "therapeutic hold*") OR AB(((held OR hold*) N0 (down OR secure OR tight*)) OR (put* W0 down) OR "physical hold*" OR "therapeutic hold*") OR TX ("forced emergency medication" OR "forced medication" OR "pharmacological restraint" OR "chemical restraint" OR "rapid tranquilisation" OR "rapid tranquilization" OR "Involuntary injection*" OR "forced injection*"))   |       |
| 5 OR 6 OR 7   | 7,673 |
| 8 NOT (TI "Reproductive Coercion" OR "sexual coercion") OR (TI "Child restraint systems" OR DE "CHILD restraint systems in automobiles")  | 7,263 |
| <b>Interventions</b>  |       |
| SU ("Assertive community treatment" OR "systemic interventions" OR "MILIEU therapy" OR "RECREATIONAL therapy" OR "SENSORIMOTOR integration" OR ("BEHAVIOR modification" AND "AGGRESSION (Psychology)"))   | 242   |
| TI( "acceptance and commitment therapy" OR "crisis card*" OR "crisis case management" OR "crisis intervention*" OR "crisis plan*" OR "crisis residential program*" OR "crisis resolution*" OR "crisis respite*" OR de-escalation OR deescalation OR "defusing skill*" OR "motivational interview*" OR "multisensory intervention*" OR "multi-sensory intervention*" OR "multisensory room*" OR "multi-sensory room*" OR "no power no lose" OR "non-violent resistance" OR "response team*" OR "open dialogue" OR "peer respite" OR "positive behavioral intervention*" OR "positive behavioural intervention*" OR "positive behavioral intervention*" OR "respite care" OR safeward* OR "shared decision making" OR "studio iii" OR "comfort room" OR "post incident care" OR post incident review") OR ( sensory N1 ( approach* OR assessment* OR method* OR modulation OR principles OR room* OR strateg* ) OR "6 core strateg*" OR "aggression replacement training" OR "assertive community treatment" OR "Behavioral emergency response team" OR "Children and Residential Experiences" OR "comfort room*" OR "family group conferenc*" OR "Juvenile Justice Anger Management" OR multifunc OR "no force first" OR "promoting risk intervention by situational management" OR resima OR "safepath" OR safeward* OR safe-ward* OR "six core strateg*" OR snoezelen OR terma OR "treatment foster care oregon" OR "Dialectical behavior therapy" OR "behavior modification program*" OR "Comprehensive behavioral management" OR "Behavioral management program" OR "Open door policy" OR "open door policies" OR "Positive alternatives to restraint and seclusion" OR "Child and family-centered care" OR "Milieu nurse" OR "milieu therapy" OR "Autism spectrum disorder care pathway" OR "Mindfulness based stress reduction" OR "Strength based care" OR "Strength based approach" OR "trauma-informed care" OR "care pathway" OR "Collaborative and proactive solutions" OR "Collaborative problem solving" OR "Rights based care" OR "secure based care" OR (Trauma-informed W1 (approach OR care OR practice OR intervention OR system OR measure* OR question* OR survey OR checklist OR assessment OR evaluation))) OR (("Patient-centred" OR "patient involvement" OR "patient participation") AND (planning OR intervent* OR "communication skills")) OR AB( "acceptance and commitment therapy" OR "crisis card*" OR "crisis case management" OR "crisis intervention*" OR "crisis plan*" OR "crisis residential program*" OR "crisis resolution*" OR "crisis respite*" OR de-escalation OR deescalation OR "defusing skill*" OR "motivational interview*" OR "multisensory intervention*" OR "multi-sensory intervention*" OR "multisensory room*" OR "multi-sensory room*" OR "no power no lose" OR "non-violent resistance" OR "response team*" OR "open dialogue" OR "peer respite" OR "positive behavioral intervention*" OR "positive behavioural intervention*" OR "positive behavioral intervention*" OR "respite care" OR safeward* OR "shared decision making" OR "studio iii" OR "comfort room" OR "post incident care" OR post incident review") OR ( | 2,401 |

|   |                 |        |
|---|-----------------|--------|
| sensory N1 ( approach* OR assessment* OR method* OR modulation OR principles OR room* OR strateg* ) OR "6 core strateg*" OR "aggression replacement training" OR "assertive community treatment" OR "Behavioral emergency response team" OR "Children and Residential Experiences" OR "comfort room*" OR "family group conferenc*" OR "Juvenile Justice Anger Management" OR multifunc OR "no force first" OR "promoting risk intervention by situational management" OR resima OR "safepath" OR safeward* OR safe-ward* OR "six core strateg*" OR snoezelen OR terma OR "treatment foster care oregon" OR "Dialectical behavior therapy" OR "behavior modification program*" OR "Comprehensive behavioral management" OR "Behavioral management program" OR "Open door policy" OR "open door policies" OR "Positive alternatives to restraint and seclusion" OR "Child and family-centered care" OR "Milieu nurse" OR "milieu therapy" OR "Autism spectrum disorder care pathway" OR "Mindfulness based stress reduction" OR "Strength based care" OR "Strength based approach" OR "trauma-informed care" OR "care pathway" OR "Collaborative and proactive solutions" OR "Collaborative problem solving" OR "Rights based care" OR "secure based care" OR (Trauma-informed W1 (approach OR care OR practice OR intervention OR system OR measure* OR question* OR survey OR checklist OR assessment OR evaluation))) OR (("Patient-centred" OR "patient involvement" OR "patient participation") AND (planning OR intervent* OR "communication skills"))  |                 |        |
| 10 OR 11  |                 | 2,486  |
| <b>Setting: child protective services/mental health services/correctional facilities</b>  |                 |        |
| DE "JUVENILE corrections" OR DE "CORRECTIONAL institutions" OR DE "Imprisonment" OR DE "INSTITUTIONALIZED persons" OR DE "RESIDENTIAL care" OR DE "INSTITUTIONAL care" OR DE "JUVENILE detention homes"   |                 | 14,308 |
| TI (forensic* OR inpatient* OR in-patient* OR institution* OR ward* OR unit OR residential) OR AB ((inpatient OR in-patient*) N1 (setting* OR unit* OR facility* OR treatment OR ward*))  |                 | 27,524 |
| TI (((psychiatric* OR mental) N1 (unit* OR ward* OR hospital* OR facilit* OR department* OR institution* OR inpatient* OR center OR centers OR centre OR centres OR setting* ) ) OR "Treatment facility*" OR ((Hospital) N3 (secur*)) OR ((Maximum OR High* OR medium OR Low* OR Minimum OR forensic*) W2 (secur*)) OR "secure psychiatric service*" OR "secure psychiatric facilit*" OR "secure setting*" OR "secure hospital" OR "secure psychiatric" OR "secure environment*" OR (residential N1 (care OR childcare OR client* OR facilit* OR home* OR program* OR provider* OR service* OR secure OR treatment*)) OR (Secure N0 (accommodation OR care OR "children* home*" OR home OR homes OR placement* OR residential OR "training centre*")) OR ((Correctional) N1 (care OR facilit* OR institut* OR rehabilitation OR setting* OR treatment* OR officer* OR staff OR worker*)) OR ((institut* OR unit*) N2 (correction* OR juvenile* OR "young offender*" OR treatment OR secluded OR secure OR forensic)) OR (detention W0 home*) OR "special youth home*" OR (compulsory N1 care) OR jail* OR "penal institution*" OR penitentiary* OR prison*) OR AB (( ( psychiatric* OR mental ) N1 ( unit* OR ward* OR hospital* OR facilit* OR department* OR institution* OR inpatient* OR center OR centers OR centre OR centres OR setting*)) OR "Treatment facility*" OR ((Hospital) N3 (secur*)) OR ((Maximum OR High* OR medium OR Low* OR Minimum OR forensic*) W2 (secur*)) OR "secure psychiatric service*" OR "secure psychiatric facilit*" OR "secure setting*" OR "secure hospital" OR "secure psychiatric" OR "secure environment*" OR (residential N1 (care OR childcare OR client* OR facilit* OR home* OR program* OR provider* OR service* OR secure OR treatment*)) OR (Secure N0 (accommodation OR care OR "children* home*" OR home OR homes OR placement* OR residential OR "training centre*")) OR ((Correctional) N1 (care OR facilit* OR institut* OR rehabilitation OR setting* OR treatment* OR officer* OR staff OR worker*)) OR ((institut* OR unit*) N2 (correction* OR juvenile* OR "young offender*" OR treatment OR secluded OR secure OR forensic)) OR (detention W0 home*) OR "special youth home*" OR (compulsory N1 care) OR jail* OR "penal institution*" OR penitentiary* OR prison*)) |                 | 48,795 |
| 13 OR 14 OR 15  |                 | 76,218 |
| <b>Combined sets</b>  |                 |        |
| 9 OR 12   |                 | 9,682  |
| 4   | 4 AND 16 AND 17 | 1,132  |
| 18 AND Limiters - Scholarly (Peer Reviewed) Journals; Publication Type: Academic Journal; Document Type: Article  |                 | 801    |

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

**AB** = Abstract; **AU** = Author; **DE** = Term from the thesaurus; **KW** (Available in Academic Search Premiere / SocINDEX / PsycInfo) = Author keyword; **MH** = Exact Subject Heading from CINAHL Subject Headings; **MM** = Major Concept; **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; **ZC** = Methodology Index; **\*** = 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

| Search terms  | Items found |
|---|-------------|
| <b>Population: children or staff (working with children)</b>  |             |
| 'child'/de OR 'adolescent'/de OR 'juvenile'/de OR 'young adult'/de OR 'child psychiatry'/de   | 3,959,914   |
| (adolescent* OR adolescence OR boys OR child* OR childhood OR "early adult" OR girls OR juvenile* OR minor* OR offspring* OR pediatric* OR paediatric* OR puberty OR pupil* OR school-age* OR school-based OR "school student*" OR student* OR teen* OR tween* OR "under age" OR underage* OR young OR "young adult*" OR "young people" OR "young person*" OR youngster* OR youth* OR "young offender*"):ti,ab  | 4,654,463   |
| ((employee* OR clinician OR guard* OR nurse* OR personnel OR "prison warden*" OR staff OR "Mental health professional*" OR "Formal carer*" OR CAPCAMHS OR "CAMHS Professional*" OR "CAMHS Staff" OR "CAMHS nurse*"):ti,ab,kw OR 'professional-patient relationship'/de OR 'doctor patient relationship'/de OR 'nurse patient relationship'/de OR 'therapeutic alliance'/de ) AND (adolescent* OR adolescence OR boys OR child* OR childhood OR "early adult" OR girls OR juvenile* OR minor* OR offspring* OR puberty OR pupil* OR school-age* OR school-based OR "school student*" OR student* OR teen* OR tween* OR "under age" OR underage* OR young OR "young adult*" OR "young people" OR "young person*" OR youngster* OR youth* OR "young offender*"):ti,ab,kw | 207,864     |
| 1 OR 2 OR 3   | 6,351,792   |
| <b>Outcome: Coercion (seclusion / restraint)</b>  |             |
| 'seclusion'/de OR 'physical restraint'/de OR 'coercion'/de  | 2,212       |
| ((restrain* OR "restrictive practice*" OR seclusion OR seclusions OR seclude*) AND (prevent* OR reduc* OR minimize* OR decrease* OR treat* OR interven* OR care OR caregiving OR admission* OR admit* OR commit* OR episodes OR hospitaliz* OR hospitalis* OR interventions* OR patient* OR medicat* OR measure* OR method* OR practices OR prevent* OR power OR techniques OR "behav* control" OR detention OR violence OR mental)):ti OR ("coercive measures" OR "Coercive violence" OR "Coercive practices" OR "Coercive techniques" OR "Coercive episodes"):ti  | 3,070       |
| ((coercive OR constrain OR constrained OR constrains OR containment OR involuntar* OR coercion* OR coerciv* OR coerced OR enforced OR forced OR forcibl* OR "non voluntary" OR restrictive OR seclusion OR seclusions OR secluded OR "restrictive practice*") NEAR/1 (treat* OR interven* OR care OR caregiving OR admission* OR admit* OR commit* OR episodes OR hospitaliz* OR hospitalis* OR interventions* OR patient* OR medicat* OR measure* OR method* OR practices OR prevent* OR power OR techniques OR "behav* control" OR detention OR violence)):ti,ab  | 11,358      |
| ((restrain* OR restrict* OR seclusion OR seclude OR 'punitive strategy' OR 'punitive strategies' OR coercive OR coercion) NEAR/1 (prevent* OR reduc* OR minimize* OR decrease*)):ti,ab  | 3,429       |
| ("Chemical restraint" OR "Manual restraint" OR "Mechanical restraint" OR "Medical restraint" OR "Physical restraint" OR "Solitary confinement" OR "Care in solitude" OR "Isolation room" OR "isolation booth" OR "Constant observation" OR "continous observation" OR "suicide watch" OR belting OR "net bed*" OR straitjacket* OR strait-jacket* OR "physical hold*" OR "therapeutic hold*" OR "forced emergency medication" OR "forced medication" OR "pharmacological restraint" OR "chemical restraint" OR "rapid tranquilisation" OR "rapid tranquilization" OR "Involuntary injection*" OR "forced injection*" OR "Therapeutic hold"):ti,ab   | 4,545       |
| (5 OR 6 OR 7 OR 8 OR 9) NOT 'child restraint system'/de   | 21,252      |
| <b>Interventions</b>  |             |
| 'staff training'/de OR 'dialectical behavior therapy'/de OR 'acceptance and commitment therapy'/de OR 'total quality management'/de OR 'assertive community treatment'/de OR 'program effectiveness'/de OR ('health care personnel'/de AND 'education'/de) OR (('aggression'/mj OR 'violence'/mj) AND ('program effectiveness'/de OR 'prevention and control'/de))  | 151,524     |
| ('acceptance and commitment therapy' OR "crisis card*" OR "crisis case management" OR "crisis intervention*" OR "crisis plan*" OR "crisis residential program*" OR "crisis resolution*" OR "crisis respite*" OR de-escalation OR deescalation OR "defusing skill*" OR   | 66,174      |

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| "motivational interview*" OR "multisensory intervention*" OR "multi-sensory intervention*" OR "multisensory room*" OR "multi-sensory room*" OR "no power no lose" OR "non-violent resistance" OR "response team*" OR "open dialogue" OR "peer respite" OR "positive behavioral intervention*" OR "positive behavioural intervention*" OR "positive behavioral intervention*" OR "respite care" OR safeward* OR "shared decision making" OR "studio iii" OR "comfort room" OR "post incident care" OR "post incident review" OR "6 core strateg*" OR "aggression replacement training" OR "assertive community treatment" OR "Behavioral emergency response team" OR "Children and Residential Experiences" OR "comfort room*" OR "family group conferenc*" OR "Juvenile Justice Anger Management" OR multifunc OR "no force first" OR "promoting risk intervention by situational management" OR resima OR "safepath" OR safeward* OR safe-ward* OR "six core strateg*" OR snoezelen OR terma OR "treatment foster care oregon" OR "Dialectical behavior therapy" OR "behavior modification program*" OR "Comprehensive behavioral management" OR "Behavioral management program" OR "Open door policy" OR "open door policies" OR "Positive alternatives to restraint and seclusion" OR "Child and family-centered care" OR "Milieu nurse" OR "milieu therapy" OR "Autism spectrum disorder care pathway" OR "Mindfulness based stress reduction" OR "Strength based care" OR "Strength based approach" OR "care pathway" OR "Collaborative and proactive solutions" OR "Collaborative problem solving" OR "Rights based care" OR "secure based care"):ti,ab |           |
| (Trauma-informed NEXT/1 (approach OR care OR practice OR intervention OR system OR measure* OR question* OR survey OR checklist OR assessment OR evaluation)):ti,ab   | 2,138     |
| (sensory NEAR/1 (approach* OR assessment* OR method* OR modulation OR principles OR room* OR strateg*)):ti,ab   | 1,814     |
| ((("Patient-centred" OR "patient involvement" OR "patient participation") NEXT/1 (planning OR intervent* OR "communication skills"))  | 196       |
| 11 OR 12 OR 13 OR 14 OR 15  | 216,399   |
| <b>Setting: child protective services/mental health services/correctional facilities</b>  |           |
| 'mental health care'/de OR 'mental hospital'/de OR 'correctional facility'/de OR 'juvenile detention center'/de OR 'residential care'/de OR 'forensic psychiatry'/de OR (('hospital patient'/de OR 'hospitalized adolescent'/de OR 'hospitalized child'/de) AND ('psychiatric department'/de OR 'mental disease'/exp))  | 155,434   |
| (forensic* OR inpatient* OR in-patient* OR institution* OR ward* OR unit OR residential):ti   | 1,439,329 |
| ((inpatient OR in-patient*) NEAR/1 (setting* OR unit* OR facility* OR treatment OR ward*)):ti,ab  | 82,610    |
| ((('psychiatric* OR mental ) NEAR/1 ( unit* OR ward* OR hospital* OR facilit* OR department* OR institution* OR inpatient* OR center OR centers OR centre OR centres OR setting* ) ) OR "Treatment facility*" OR ((Hospital) NEAR/3 (secur*)) OR ((Maximum OR High* OR medium OR Low* OR Minimum OR forensic*) NEXT/2 (secur*)) OR "secure psychiatric service*" OR "secure psychiatric facilit*" OR "secure setting*" OR "secure hospital" OR "secure psychiatric" OR "secure environment*" OR ( residential NEAR/1 ( care OR childcare OR client* OR facilit* OR home* OR program* OR provider* OR service* OR secure OR treatment* ) ) OR (Secure NEXT/0 (accommodation OR care OR "children* home*" OR home OR homes OR placement* OR residential OR "training centre*")) OR ((Correctional) NEAR/1 (care OR facilit* OR institut* OR rehabilitation OR setting* OR treatment* OR officer* OR staff OR worker*)) OR ((institut* OR unit*) NEAR/2 (correction* OR juvenile* OR "young offender*" OR treatment OR secluded OR secure OR forensic)) OR (detention NEXT/0 home*) OR "special youth home*" OR (compulsory NEXT/1 care) OR jail* OR "penal institution*" OR penitentiary* OR prison*)):ti,ab  | 117,125   |
| 17 OR 18 OR 19 OR 20  | 1,674,325 |
| <b>Combined sets</b>  |           |
| 10 OR 16 (coercion or interventions)  | 236,746   |
| 4 AND 21 AND 22   | 4,901     |
| 23 NOT (('animal'/exp OR 'nonhuman'/exp) NOT 'human'/exp) AND ([article]/lim OR [article in press]/lim) AND [embase]/lim  | 1,818     |

#### Final result

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**24 AND [2005-2023]/py**

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**1,612**

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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;  
**/mj** = Major Topic; **:ab** = Abstract; **:au** = Author; **: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 or no letters; **?** = replaces one letter



Medline via OvidSP 18 February 2025

Title: Cohersive methods (seclusion/restraint)

| Search terms   | Items found |
|--|-------------|
| <b>Population: children or staff (working with children)</b>   |             |
| (exp Child/ or minors/ or adolescent/ or Young Adult/ or exp adolescent behavior/ or child behavior/ OR Pediatrics/)   | 4,036,959   |
| (adolescent* OR adolescence OR boys OR child* OR childhood OR "early adult" OR girls OR juvenile* OR minor* OR offspring* OR pediatric* OR paediatric* OR puberty OR pupil* OR school-age* OR school-based OR "school student*" OR student* OR teen* OR tween* OR "under age" OR underage* OR young OR "young adult" OR "young adults" OR "young people" OR "young person" OR "young persons" OR youngster* OR youth* OR "young offender" OR "young offenders").ab,ti  | 3,513,223   |
| ((employee* OR clinician OR guard* OR nurse* OR personnel OR "prison warden*" OR staff OR "Mental health professional*" OR "Formal carer*" OR CAPCAMHS OR "CAMHS Professional*" OR "CAMHS Staff" OR "CAMHS nurse*").ti,ab OR professional-patient relations/ or nurse-patient relations/ or physician-patient relations/) AND (adolescent* OR adolescence OR boys OR child* OR childhood OR "early adult" OR girls OR juvenile* OR minor* OR offspring* OR pediatric* OR paediatric* OR puberty OR pupil* OR school-age* OR school-based OR "school student*" OR student* OR teen* OR tween* OR "under age" OR underage* OR young OR "young adult*" OR "young people" OR "young person*" OR youngster* OR youth* OR "young offender*").ti,ab | 160,007     |
| 1 OR 2 OR 3  | 5,729,917   |
| <b>Outcome: Coercion (seclusion/restraint)</b>   |             |
| Involuntary treatment/ OR Involuntary Treatment, Psychiatric/ OR Coercion/ OR Restraint, Physical/ OR Involuntary Commitment/ OR Patient Isolation/  | 22,260      |
| ((restrain* OR "restrictive practice*" OR seclusion OR seclusions OR seclude*) AND (prevent* OR reduc* OR minimize* OR decrease* OR treat* OR interven* OR care OR caregiving OR admission* OR admit* OR commit* OR episodes OR hospitaliz* OR hospitalis* OR interventions* OR patient* OR medicat* OR measure* OR method* OR practices OR prevent* OR power OR techniques OR "behav* control" OR detention OR violence OR mental)).ti OR ("coercive measures" OR "Coercive violence" OR "Coercive practices" OR "Coercive techniques" OR "Coercive episodes").ti   | 2,690       |
| ((coercive OR constrain OR constrained OR constrains OR containment OR involuntar* OR compulsor* OR compulsion* OR coercion* OR coerciv* OR coerced OR enforced OR forced OR forcibl* OR "non voluntary" OR restrictive OR seclusion OR seclusions OR secluded OR "restrictive practice*") ADJ1 (prevent* OR reduc* OR minimize* OR decrease* OR treat* OR interven* OR care OR caregiving OR admission* OR admit* OR commit* OR episodes OR hospitaliz* OR hospitalis* OR interventions* OR patient* OR medicat* OR measure* OR method* OR practices OR prevent* OR power OR techniques OR "behav* control" OR detention OR violence)).ti,ab  | 11,513      |
| ("Chemical restraint" OR "Manual restraint" OR "Mechanical restraint" OR "Medical restraint" OR "Physical restraint" OR "Solitary confinement" OR "Care in solitude" OR "Isolation room" OR "isolation booth" OR "Constant observation" OR "continous observation" OR "suicide watch" OR belting OR "net bed*" OR straitjacket* OR strait-jacket* OR "physical hold*" OR "therapeutic hold*" OR "forced emergency medication" OR "forced medication" OR "pharmacological restraint" OR "chemical restraint" OR "rapid tranquilisation" or "rapid tranquilization" OR "Involuntary injection*" OR "forced injection*" OR "Therapeutic hold*").ti,ab,kw  | 3,661       |
| 5 OR 6 OR 7 OR 8   | 35,256      |
| <b>Interventions</b>   |             |
| "Acceptance and commitment therapy"/ or schema therapy/ or dialectical behavior therapy/ or motivational Interviewing/ or ("Aggression"/ or "Self-Injurious Behavior"/ or "Suicide, Attempted"/) AND ("Behavior Therapy"/ OR "Professional-Patient Relations"/) OR Psychiatric Nursing/ed)   | 9,605       |
| ("acceptance and commitment therapy" OR "crisis card*" OR "crisis case management" OR "crisis intervention*" OR "crisis plan*" OR "crisis residential program*" OR "crisis resolution*" OR "crisis respite*" OR de-escalation OR deescalation OR "defusing skill*" OR "motivational interview*" OR "multisensory intervention*" OR "multi-sensory  | 55,744      |



|   |           |
|---|-----------|
| intervention*" OR "multisensory room*" OR "multi-sensory room*" OR "no power no lose" OR "non-violent resistance" OR "response team*" OR "open dialogue" OR "peer respite" OR "positive behavioral intervention*" OR "positive behavioural intervention*" OR "positive behavioral intervention*" OR "respite care" OR safeward* OR "shared decision making" OR "studio iii" OR "comfort room" OR "post incident care" OR "post incident review" OR "6 core strateg*" OR "aggression replacement training" OR "assertive community treatment" OR "Behavioral emergency response team" OR "Children and Residential Experiences" OR "comfort room*" OR "family group conferenc*" OR "Juvenile Justice Anger Management" OR multifunc OR "no force first" OR "promoting risk intervention by situational management" OR resima OR "safepath" OR safeward* OR safe-ward* OR "six core strateg*" OR snoezelen OR terma OR "treatment foster care oregon" OR "Dialectical behavior therapy" OR "behavior modification program*" OR "Comprehensive behavioral management" OR "Behavioral management program" OR "Open door policy" OR "open door policies" OR "Positive alternatives to restraint and seclusion" OR "Child and family-centered care" OR "Milieu nurse" OR "milieu therapy" OR "Autism spectrum disorder care pathway" OR "Mindfulness based stress reduction" OR "Strength based care" OR "Strength based approach" OR "trauma-informed care" OR "care pathway" OR "Collaborative and proactive solutions" OR "Collaborative problem solving" OR "Rights based care" OR "secure based care" OR "self admission" OR "brief admission" OR (Patient-Initiated ADJ admission) OR (staff ADJ educat*) OR (staff ADJ training)).ti,ab,kw |           |
| (Trauma-informed ADJ1 (approach* OR care OR recovery OR therapy)).ti,ab,kw  | 1,825     |
| (sensory ADJ1 (approach* OR assessment* OR method* OR modulation OR principles OR room* OR strateg*).ti,ab,kw   | 1,533     |
| ((("Patient-centred" OR "patient involvement" OR "patient participation") ADJ1 (planning OR intervent* OR "communication skills")).ti,ab,kw   | 190       |
| 10 OR 11 OR 12 OR 13 OR 14  | 63,609    |
| <b>Setting: child protective services/mental health services/correctional facilities</b>  |           |
| mental health services/ or community mental health services/ or emergency services, psychiatric/ OR Hospitals, Psychiatric/ OR Psychiatric Department, Hospital/ OR exp Correctional Facilities/ or Correctional Facilities Personnel/ or Criminal Behavior/ or Criminal Psychology/ or Prisoners/ or Hospitals, Pediatric/ or Commitment of Mentally Ill/ or Custodial Care/ or Inpatients/  | 166,642   |
| (forensic* OR inpatient* OR in-patient* OR institution* OR ward* OR unit OR residential).ti   | 934,425   |
| ((inpatient OR in-patient*) ADJ1 (setting* OR unit* OR facility* OR treatment OR ward*)).ti,ab  | 49,589    |
| ((((psychiatric* OR mental ) ADJ1 ( unit* OR ward* OR hospital* OR facilit* OR department* OR institution* OR inpatient* OR center OR centers OR centre OR centres OR setting* ) ) OR "Treatment facility*" OR ((Hospital) ADJ3 (secur*)) OR ((Maximum OR High* OR medium OR Low* OR Minimum OR forensic*) ADJ2 (secur*)) OR "secure psychiatric service*" OR "secure psychiatric facilit*" OR "secure setting*" OR "secure hospital" OR "secure psychiatric" OR "secure environment*" OR ( residential ADJ1 ( care OR childcare OR client* OR facilit* OR home* OR program* OR provider* OR service* OR secure OR treatment* ) ) OR (Secure ADJ0 (accommodation OR care OR "children* home*" OR home OR homes OR placement* OR residential OR "training centre*")) OR ((Correctional) ADJ1 (care OR facilit* OR institut* OR rehabilitation OR setting* OR treatment* OR officer* OR staff OR worker*)) OR ((institut* OR unit*) ADJ2 (correction* OR juvenile* OR "young offender*" OR treatment OR secluded OR secure OR forensic)) OR (detention ADJ0 home*) OR "special youth home*" OR (compulsory ADJ1 care) OR jail* OR "penal institution*" OR penitentiary* OR prison*).ti,ab,kw  | 89,834    |
| 16 OR 17 OR 18 OR 19  | 1,147,041 |
| <b>Combined sets</b>  |           |
| 9 OR 15   | 98,010    |
| 4 AND 20 AND 21   | 3,732     |
| 22 NOT (Animals/ not humans/)   | 3,731     |
| 23 NOT (editorial/ or letter/ or news/ or patient education handout/ or Historical Article/)  | 3,662     |
| <b>Final result</b>   |           |
| limit 24 to yr="2005 -Current"  | 2,710     |

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

**.ab.** = Abstract; **.ab,ti.** = Abstract or title; **.af.** = All fields; **.bt.** = Book title; **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; **.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); **\* or \$** = 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; **#** = replaces one letter

| Search terms  | Items found |
|---|-------------|
| <b>Population: children or staff (working with children)</b>  |             |
| 1. ZG "childhood (birth-12 yrs)" or ZG "adolescence (13-17 yrs)" or ZG "young adulthood (18-29 yrs)" OR DE "Pediatrics" OR DE "Adolescent Psychiatry" OR DE "Child Psychiatry"  | 1,464,367   |
| TI (adolescent* OR adolescence OR boys OR child* OR childhood OR "early adult" OR girls OR juvenile* OR minor* OR offspring* OR pediatric* OR paediatric* OR puberty OR pupil* OR school-age* OR school-based OR "school student*" OR student* OR teen* OR tween* OR "under age" OR underage* OR young OR "young adult*" OR "young people" OR "young person*" OR youngster* OR youth* OR "young offender*") OR AB (adolescent* OR adolescence OR boys OR child* OR childhood OR "early adult" OR girls OR juvenile* OR minor* OR offspring* OR pediatric* OR paediatric* OR puberty OR pupil* OR school-age* OR school-based OR "school student*" OR student* OR teen* OR tween* OR "under age" OR underage* OR young OR "young adult*" OR "young people" OR "young person*" OR youngster* OR youth* OR "young offender*")  | 1,781,527   |
| (TX (employee* OR clinician OR guard* OR nurse* OR personnel OR "prison warden*" OR staff OR "Mental health professional*" OR "Formal carer*" OR CAPCAMHS OR "CAMHS Professional*" OR "CAMHS Staff" OR "CAMHS nurse*") OR DE "PATIENT-professional relations" OR DE "Client relations") AND TX (adolescent* OR adolescence OR boys OR child* OR childhood OR "early adult" OR girls OR juvenile* OR minor* OR offspring* OR pediatric* OR paediatric* OR puberty OR pupil* OR school-age* OR school-based OR "school student*" OR student* OR teen* OR tween* OR "under age" OR underage* OR young OR "young adult*" OR "young people" OR "young person*" OR youngster* OR youth* OR "young offender*")   | 311,769     |
| 1 OR 2 OR 3   | 2,353,308   |
| <b>Outcome: Coercion (seclusion / restraint)</b>  |             |
| (DE "Coercion") OR (DE "Involuntary Treatment")   | 5,714       |
| TI (constrain OR constrained OR constraints OR containment OR involuntar* OR coercion* OR coerciv* OR coerced OR "non voluntary" OR nonvoluntary OR "restrictive practice*")  | 13,232      |
| TI ( (constrain OR constrained OR constrains OR containment OR involuntar* OR compulsor* OR coercion* OR coerciv* OR coerced OR "noncoerc*" OR enforced OR forced OR forcibl* OR "non voluntary" OR restrictive ) N3 ( treat* OR interven* OR care OR caregiving OR admission* OR admit* OR commit* OR hospitaliz* OR hospitalis* OR interventions* OR patient* OR medicat* OR measure* OR method* OR prevent* OR power OR "behav* control" OR detention ) ) OR AB ( (constrain OR constrained OR constrains OR containment OR involuntar* OR compulsor* OR compulsion* OR coercion* OR coerciv* OR coerced OR enforced OR forced OR forcibl* OR "non voluntary" OR restrictive ) N3 ( treat* OR interven* OR care OR caregiving OR admission* OR admit* OR commit* OR hospitaliz* OR hospitalis* OR intervention* OR patient* OR medicat* OR measure* OR method* OR prevent* OR power OR "behav* control" OR detention ) ) | 13,932      |
| AB ((coercion AND treatment) OR "noncoerc*")  | 1,380       |
| DE "Patient Seclusion"  | 697         |
| TI (Seclusion OR seclusions OR seclude*) OR AB (Seclusion OR seclusions OR seclude*)  | 2,015       |
| TX ((seclusion* OR seclud*) N3 (prevent* OR reduc* OR minimize* OR decrease*))  | 322         |
| TI (lock* N1 (bedroom OR door* OR setting* OR ward* OR room )) OR AB (lock* N1 (door* OR setting* OR ward* OR room ))   | 332         |
| TX ("solitary confinement" OR "Care in solitude" OR "Constant observation" OR "continous observation" OR "suicide watch")   | 427         |
| TX (isolation N3 (booth* or room*))   | 97          |
| DE "Physical Restraint"   | 2,494       |
| TI restrain*  | 3,848       |
| TX ("physical constraint" OR "physical restraint")  | 2,992       |
| AB ((Restrain* N3 (prevent* OR reduc* OR minimize* OR decrease*)) OR TX ((Restrain* OR restrict* OR seclusion OR "punitive strateg*" OR coercive) N1 (prevent* OR reduc* OR minimize* OR decrease*))  | 2,133       |

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|--|--------|
| TI ((restrain* N3 (treat* OR interven* OR care OR caregiving OR admission* OR admit* OR commit* OR hospitaliz* OR hospitalis* OR interventions* OR patient* OR medicat* OR measure* OR method* OR power OR "behav* control" OR detention)) OR AB ((restrain* OR constrain OR constrained OR constrains OR containment OR involuntar* OR compulsor* OR compulsion* OR coercion* OR coerciv* OR coerced OR enforced OR forced OR forcibl* OR "non voluntary") N3 (treat* OR interven* OR care OR caregiving OR admission* OR admit* OR commit* OR hospitaliz* OR hospitalis* OR intervention* OR patient* OR medicat* OR measure* OR method* OR power OR "behav* control" OR detention ))  | 13,767 |
| TI ((restrain* OR coercion OR constrain OR constrained OR constrains) N3 (chemical* OR manual OR mechanical* OR medical OR physical* OR psychiatric)) OR AB ((restrain* OR coercion OR constrain OR constrained OR constrains) N3 (chemical* OR manual OR mechanical* OR medical OR physical* OR psychiatric))   | 2,900  |
| TI ((belt* OR environmental OR face-down OR limb* OR manual OR mask* OR pinel OR posey OR prone OR soft OR vest ) N1 restrain*) OR AB ((belt* OR environmental OR face-down OR limb* OR manual OR mask* OR pinel OR posey OR prone OR soft OR vest) N1 restrain*)  | 185    |
| TI (belt* N3 (emergency OR lap OR response OR restrictive OR wheelchair)) OR AB (belt* N3 (emergency OR lap OR response OR restrictive OR wheelchair))   | 51     |
| TI (belting OR "net bed*" OR straitjacket* OR strait-jacket*) OR AB (belting OR "net bed*" OR straitjacket* OR strait-jacket* OR bedrail* OR "bed side rails")   | 140    |
| TI (((held OR hold*) N2 (down OR secure OR tight*)) OR (put* W0 down) OR "physical hold*" OR "therapeutic hold*") OR AB(((held OR hold*) N0 (down OR secure OR tight*)) OR (put* W0 down) OR "physical hold*" OR "therapeutic hold*")  | 617    |
| TX ("forced emergency medication" OR "forced medication" OR "pharmacological restraint" OR "chemical restraint" OR "rapid tranquilisation" or "rapid tranquilization" OR "Involuntary injection*" OR "forced injection*")  | 321    |
| 5 OR 6 OR 7 OR 8 OR 9 OR 10 OR 11 OR 12 OR 13 OR 14 OR 15 OR 16 OR 17 OR 18 OR 19 OR 20 OR 21 OR 22 OR 23 OR 24 OR 25  | 37,575 |
| <b>Interventions</b>   |        |
| ((DE "Intervention" OR DE "Treatment Effectiveness Evaluation" OR DE "Crisis Intervention" OR DE "Interdisciplinary Treatment Approach" OR DE "Behavior Modification" OR DE "Dialectical Behavior Therapy" OR DE "Motivational Interviewing" OR DE "Models" OR DE "Clinical Models") AND (DE "Agitation" OR DE "Conflict" OR DE "Aggressive Behavior" OR DE "Safety" OR DE "Patient Safety"))  | 5,413  |
| TI ("acceptance and commitment therapy" OR "crisis card*" OR "crisis case management" OR "crisis intervention*" OR "crisis plan*" OR "crisis residential program*" OR "crisis resolution*" OR "crisis respite*" OR de-escalation OR deescalation OR "defusing skill*" OR "motivational interview*" OR "multisensory intervention*" OR "multi-sensory intervention*" OR "multisensory room*" OR "multi-sensory room*" OR "no power no lose" OR "non-violent resistance" OR "response team*" OR "open dialogue" OR "peer respite" OR "positive behavioral intervention*" OR "positive behavioural intervention*" OR "positive behavioral intervention*" OR "respite care" OR safeguard* OR "shared decision making" OR "studio iii" OR "comfort room" OR "post incident care" OR post incident review") OR AB ("acceptance and commitment therapy" OR "crisis card*" OR "crisis case management" OR "crisis intervention*" OR "crisis plan*" OR "crisis residential program*" OR "crisis resolution*" OR "crisis respite*" OR de-escalation OR deescalation OR "defusing skill*" OR "motivational interview*" OR "multisensory intervention*" OR "multi-sensory intervention*" OR "multisensory room*" OR "multi-sensory room*" OR "no power no lose" OR "non-violent resistance" OR "response team*" OR "open dialogue" OR "peer respite" OR "positive behavioral intervention*" OR "positive behavioural intervention*" OR "positive behavioral intervention*" OR "respite care" OR safeguard* OR "shared decision making" OR "studio iii" OR "comfort room" OR "post incident care" OR post incident review") | 7,091  |
| TI (sensory N1 (approach* OR assessment* OR method* OR modulation OR principles OR room* OR strateg*)) OR AB (sensory N1 (approach* OR assessment* OR method* OR modulation OR principles OR room* OR strateg*))   | 1,818  |
| TI ((aggressi* OR conflict* OR violen*) N2 (containment OR manage* OR minimi#ation OR prevent* OR resolution OR resolv* OR reduc*)) OR AB ((aggressi* OR conflict* OR violen*) N2 (containment OR manage* OR minimi#ation OR prevent* OR resolution OR resolv* OR reduc*))   | 31,669 |

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|---|---------|
| TI (staff N3 (educat* OR ratio* OR training)) OR AB (staff N3 (educat* OR ratio* OR training)) OR DE "Professional Development" OR DE "Continuing Education" OR DE "Mental Health Inservice Training"   | 38,150  |
| TI ("6 core strateg*" OR "aggression replacement training" OR "assertive community treatment" OR "Behavioral emergency response team" OR "Children and Residential Experiences" OR "comfort room*" OR "family group conferenc*" OR "Juvenile Justice Anger Management" OR multifunc OR "no force first" OR "promoting risk intervention by situational management" OR resima OR "safepath" OR "REsTRAIN Yourself" OR safeward* OR safe-ward* OR "six core strateg*" OR snoezelen OR terma OR "treatment foster care oregon" OR "Dialectical behavior therapy" OR "behavior modification program*") OR AB ("6 core strateg*" OR "agression replacement training" OR "assertive community treatment" OR "Behavioral emergency response team" OR "Children and Residential Experiences" OR "comfort room*" OR "family group conferenc*" OR "Juvenile Justice Anger Management" OR multifunc OR "no force first" OR "promoting risk intervention by situational management" OR resima OR "safepath" OR "REsTRAIN Yourself" OR safeward* OR safe-ward* OR "six core strateg*" OR snoezelen OR terma OR "treatment foster care oregon" OR "Dialectical behavior therapy" OR "behavior modification program*") | 4,032   |
| TX("Comprehensive behavioral management" OR "Behavioral management program" OR "Open door policy" OR "open door policies" OR "Positive alternatives to restraint and seclusion" OR "Child and family-centered care" OR "Milieu nurse" OR "milieu therapy" OR "Autism spectrum disorder care pathway" OR "Mindfulness based stress reduction" OR "Strength based care" OR "Strength based approach" OR "trauma-informed care" OR "care pathway" OR "Collaborative and proactive solutions" OR "Collaborative problem solving" OR "Rights based care" OR "secure based care" OR (Trauma-informed W1 (approach OR care OR practice OR intervention OR system OR measure* OR question* OR survey OR checklist OR assessment OR evaluation)))  | 8,741   |
| TI(("Patient-centred" OR "patient involvement" OR "patient participation") AND (planning OR intervent* OR "communication skills")) OR AB (("Patient-centred" OR "patient involvement" OR "patient participation") N3 (planning OR intervent* OR "communication skills"))  | 218     |
| TX ("self admission" OR "brief admission") OR (DE "Self-Referral" AND DE "Psychiatric Hospital Admission")  | 67      |
| 27 OR 28 OR 29 OR 30 OR 31 OR 32 OR 33 OR 34 OR 35  | 95,058  |
| <b>Setting: child protective services/mental health services/correctional facilities/forensic insitutions</b>   |         |
| DE "Psychiatric Hospitals" OR DE "Psychiatric Units" OR DE "Psychiatric Patients" OR DE "Adolescent Psychiatry" OR DE "Child Psychiatry" OR DE "Psychiatric Hospital Programs" OR DE "Psychiatric Hospitalization" OR DE "Treatment Facilities" OR (DE "Facilities" AND (DE "Mental Disorders"))  | 59,484  |
| TI (Inpatient* OR in-patient* OR institution* OR ward* OR unit OR residential) OR AB ((inpatient OR in-patient*) N1 (setting* OR unit* OR facility* OR treatment OR ward*))   | 300,741 |
| TI ((psychiatric* OR mental) N1 (unit* OR ward* OR hospital* OR facilit* OR department* OR institution* OR inpatient* OR center OR centers OR centre OR centres OR setting*)) OR AB ((psychiatric* OR mental) N1 (unit* OR ward* OR hospital* OR facilit* OR department* OR institution* OR inpatient* OR center OR centers OR centre OR centres OR setting*)) OR TX ("Treatment facilit*")   | 61,176  |
| DE "Forensic Psychiatry"  | 8,831   |
| TI(Forensic*) OR AB(forensic*)  | 21,727  |
| TX ((Hospital) N3 (secur*))   | 1,359   |
| TX ((Maximum OR High* OR medium OR Low* OR Minimum OR forensic*) W2 (secur*))   | 4,543   |
| TX ("secure psychiatric service*" OR "secure psychiatric facilit*" OR "secure setting*" OR "secure hospital" OR "secure psychiatric" OR "secure environment*")  | 1,240   |
| DE "Residential Care Institutions" OR DE "Reformatories" OR DE "Incarceration" OR DE "Incarcerated" OR DE "Juvenile Delinquency" OR ((DE "Facilities") AND (DE "Juvenile Justice" OR DE "Legal Detention"))   | 51,393  |
| TI (residential N1 (care OR childcare OR client* OR facilit* OR home* OR program* OR provider* OR service* OR secure OR treatment*)) OR AB (residential N1 (care OR childcare OR client* OR facilit* OR home* OR program* OR provider* OR service* OR secure OR treatment*))  | 15,233  |

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|--|---------|
| TX (Secure N0 (accommodation OR care OR "children* home*" OR home OR homes OR placement* OR residential OR "training centre*"))  | 538     |
| TI ((Correctional) N1 (care OR facilit* OR institut* OR rehabilitation OR setting* OR treatment* OR officer* OR staff OR worker*)) OR AB ((Correctional) N1 (care OR facilit* OR institut* OR rehabilitation OR setting* OR treatment* OR officer* OR staff OR worker*)) | 5,606   |
| TI ((institut* OR unit*) N2 (correction* OR juvenile* OR "young offender*" OR treatment OR secluded OR secure OR forensic)) OR AB ((institut* OR unit*) N2 (correction* OR juvenile* OR "young offender*" OR treatment OR secluded OR secure OR forensic))               | 7,061   |
| TX ((detention W0 home*) OR "special youth home*" OR (compulsory N1 care) OR "emergency shelter*" OR "short-term care facilit*")   | 594     |
| DE "Prisons" OR DE "Correctional Institutions" OR DE "Institutional Schools"   | 14,557  |
| TI (jail* OR "penal institution*" OR penitentiary* OR prison*) OR AB (jail* OR "penal institution*" OR penitentiary* OR prison*)   | 30,806  |
| 37 OR 38 OR 39 OR 40 OR 41 OR 42 OR 43 OR 44 OR 45 OR 46 OR 47 OR 48 OR 49 OR 50 OR 51 OR 52   | 452,033 |
| <b>Combined sets:</b>  |         |
| 26 OR 36   | 130,899 |
| 4 AND 54   | 59,931  |
| 4 AND 54 AND 53  | 7,867   |
| 56 AND Limiters - Peer Reviewed; Document Type: Journal Article  | 6,211   |
| 60 AND Limiters - Publication Year: 2005-  | 4,713   |
| <b>Final result</b>  |         |
| 58 NOT ((ZZ "comment/reply") or (ZZ "editorial") or (ZZ "interview") or (ZZ "letter") or (ZZ "obituary") or (ZZ "poetry") or (ZZ "publication information") or (ZZ "review-book"))   | 4,713   |

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

**AB** = Abstract; **AU** = Author; **DE** = Term from the thesaurus; **KW** (Available in Academic Search Premiere / SocINDEX / PsycInfo) = Author keyword; **MH** = Exact Subject Heading from CINAHL Subject Headings; **MM** = Major Concept; **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; **ZC** = Methodology Index; \* = 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

Scopus via Elsevier 19 February 2025

Title: Cohersive methods (seclusion/restraint)

| Search terms  | Items found |
|---|-------------|
| <b>Population: children or staff (working with children)</b>  |             |
| TITLE-ABS-KEY (adolescent* OR adolescence OR boys OR child* OR childhood OR "early adult" OR girls OR juvenile* OR minor* OR offspring* OR pediatric* OR paediatric* OR puberty OR pupil* OR school-age* OR school-based OR "school student*" OR student* OR teen* OR tween* OR "under age" OR underage* OR young OR "young adult*" OR "young people" OR "young person*" OR youngster* OR youth* OR "young offender*")  | 9,584,368   |
| <b>Outcome: Coercion (seclusion / restraint)</b>  |             |
| TITLE((restrain* OR "restrictive practice*" OR seclusion OR seclusions OR seclude*) AND (prevent* OR reduc* OR minimize* OR decrease* OR treat* OR interven* OR care OR caregiving OR admission* OR admit* OR commit* OR episodes OR hospitaliz* OR hospitalis* OR interventions* OR patient* OR medicat* OR measure* OR method* OR practices OR prevent* OR power OR techniques OR "behav* control" OR detention OR violence OR mental)) OR ("coercive measures" OR "Coercive violence" OR "Coercive practices" OR "Coercive techniques" OR "Coercive episodes")   | 7,681       |
| TITLE-ABS-KEY((coercive OR constrain OR constrained OR constrains OR containment OR involuntar* OR compulsor* OR compulsion* OR coercion* OR coerciv* OR coerced OR enforced OR forced OR forcibl* OR "non voluntary" OR restrictive OR seclusion OR seclusions OR secluded OR "restrictive practice*") W/1 (prevent* OR reduc* OR minimize* OR decrease* OR treat* OR interven* OR care OR caregiving OR admission* OR admit* OR commit* OR episodes OR hospitaliz* OR hospitalis* OR interventions* OR patient* OR medicat* OR measure* OR method* OR practices OR prevent* OR power OR techniques OR "behav* control" OR detention OR violence))       | 70,138      |
| TITLE-ABS-KEY ({Chemical restraint} OR {Manual restraint} OR {Mechanical restraint} OR {Medical restraint} OR {Physical restraint} OR {Solitary confinement} OR {Care in solitude} OR {Isolation room} OR {isolation booth} OR {Constant observation} OR {continous observation} OR {suicide watch} OR belting OR "net bed*" OR straitjacket* OR strait-jacket* OR "physical hold*" OR "therapeutic hold*" OR {forced emergency medication} OR {forced medication} OR {pharmacological restraint} OR {chemical restraint} OR {rapid tranquilisation} OR {rapid tranquilization} OR "Involuntary injection*" OR "forced injection*" OR {Therapeutic hold}) | 8,006       |
| 2 OR 3 OR 4   | 81,810      |
| <b>Setting: Child protective services/mental health services/correctional facilities</b>  |             |
| TITLE(forensic OR inpatient OR inpatients OR in-patient OR in-patients OR residential)  | 986,133     |
| TITLE((institution* OR ward* OR unit) AND (psychiatric))  | 5,038       |
| TITLE-ABS-KEY ((inpatient OR in-patient*) W/1 (setting* OR unit* OR facility* OR treatment OR ward*))   | 95,318      |
| TITLE-ABS-KEY((psychiatric* OR mental ) W/1 (unit* OR ward* OR hospital* OR facilit* OR department* OR institution* OR inpatient* OR center OR centers OR centre OR centres OR setting*))   | 99,870      |
| TITLE-ABS-KEY(((maximum OR high* OR medium OR low* OR minimum OR forensic*) W/1 (secur* )) W/1 (prison OR hospital OR unit* OR ward*))  | 2,136       |
| TITLE-ABS-KEY (residential PRE/1 (care OR childcare OR client* OR facilit* OR home* OR program* OR provider* OR service* OR secure OR treatment*))  | 40,882      |
| TITLE-ABS-KEY ( ( secure ) PRE/0 ( accommodation OR care OR children* OR home OR homes OR placement* OR residential OR "training centre*" ) )   | 1,074       |
| TITLE-ABS-KEY((Correctional) PRE/1 (care OR facilit* OR institut* OR rehabilitation OR setting* OR treatment* OR officer* OR staff OR worker*))   | 10,728      |
| TITLE-ABS-KEY((institut* OR unit*) W/2 (correction* OR juvenile* OR "young offender*" OR treatment OR secluded OR secure OR forensic))  | 35,406      |
| TITLE-ABS-KEY((detention PRE/0 home*) OR (compulsory W/1 care))   | 387         |
| TITLE-ABS-KEY("Treatment facility*" OR "Secure forensic" OR "psychiatric hospital" OR "psychiatric hospitals" OR "forensic hospital" OR "forensic hospitals" OR "secure psychiatric service*" OR "secure psychiatric facilit*" OR "secure setting*" OR "secure hospital" OR   | 130,684     |

|   |           |
|---|-----------|
| "secure psychiatric" OR "secure environment*" OR "special youth home*" OR jail* OR<br>"penal institution*" OR penitentiary* OR prison*  |           |
| 6 OR 7 OR 8 OR 9 OR 10 OR 11 OR 12 OR 13 OR 14 OR 15 OR 16  | 1,301,952 |
| <b>Combined sets</b>  |           |
| 1 AND 5 AND 17  | 1,997     |
| 18 AND NOT ( INDEX ( embase ) ) OR ( INDEX ( medline ) )  |           |
| <b>Final result</b>   |           |
| 19 AND PUBYEAR > 2004 AND PUBYEAR < 2024 AND ( LIMIT-TO ( SUBJAREA , "MEDI" ) OR<br>LIMIT-TO ( SUBJAREA , "SOCI" ) OR LIMIT-TO ( SUBJAREA , "PSYC" ) OR LIMIT-TO ( SUBJAREA , "NURS" ) OR LIMIT-TO ( SUBJAREA , "NEUR" ) OR LIMIT-TO ( SUBJAREA ,<br>"HEAL" ) OR LIMIT-TO ( SUBJAREA , "MULT" ) ) AND ( LIMIT-TO ( DOCTYPE , "ar" ) ) | 1,319     |

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

**TITLE-ABS-KEY** = Title or abstract or keywords; **ALL** = All fields; **PRE/n** = "precedes by". The first term in the search must precede the second by a specified number of terms (n).; **W/n** = "Within". The terms in the search must be within a specified number of terms (n) in any order.; \* = Truncation; " " = Citation Marks; searches for a phrase; ? = replaces one letter; **LIMIT-TO (SRCTYPE, "j")** = Limit to source type journal; **LIMIT-TO (DOCTYPE, "ar")** = Limit to document type article; **LIMIT-TO (DOCTYPE, "re")** = Limit to document type review



Scopus via Elsevier (citation search) 19 February 2025

Title: Cohersive methods (seclusion/restraint)

| Search terms   | Items found |
|--|-------------|
| <b>Cited articles</b>  |             |
| <i>EID ( 2-s2.0-57149114386 ) OR EID ( 2-s2.0-84861402721 ) OR EID ( 2-s2.0-84865241681 )</i>    | 22          |
| <i>OR EID ( 2-s2.0-84884690435 ) OR EID ( 2-s2.0-84946904159 ) OR EID ( 2-s2.0-84958699187 )</i> |             |
| <i>OR EID ( 2-s2.0-84989811171 ) OR EID ( 2-s2.0-85011307847 ) OR EID ( 2-s2.0-85018744840 )</i> |             |
| <i>OR EID ( 2-s2.0-85028236417 ) OR EID ( 2-s2.0-85049581766 ) OR EID ( 2-s2.0-85052713310 )</i> |             |
| <i>OR EID ( 2-s2.0-85065449545 ) OR EID ( 2-s2.0-85074479910 ) OR EID ( 2-s2.0-85076418648 )</i> |             |
| <i>OR EID ( 2-s2.0-85106336367 ) OR EID ( 2-s2.0-85111779209 ) OR EID ( 2-s2.0-85115232978 )</i> |             |
| <i>OR EID ( 2-s2.0-85121791890 ) OR EID ( 2-s2.0-85123541010 ) OR EID ( 2-s2.0-85173536567 )</i> |             |
| <i>OR EID ( 2-s2.0-85178879568 )</i>   |             |
| <b>Citing articles</b>   |             |
| <b>#1 View cited by</b>  | <b>513</b>  |

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

**TITLE-ABS-KEY** = Title or abstract or keywords; **ALL** = All fields; **DOI** = Digital Object Identifier; **EID** = Document identifier in Scopus; **PMID** = PubMed Identifier; **PRE/n** = "precedes by". The first term in the search must precede the second by a specified number of terms (n).; **W/n** = "Within". The terms in the search must be within a specified number of terms (n) in any order.; \* = Truncation; " " = Citation Marks; searches for a phrase; ? = replaces one letter; **LIMIT-TO (SRCTYPE, "j"** = Limit to source type journal; **LIMIT-TO (DOCTYPE, "ar"** = Limit to document type article; **LIMIT-TO (DOCTYPE, "re"** = Limit to document type review

**Articles used in backwards- and forwards citation search**

SocIndex via EBSCO 19 February 2025

Title: Cohersive methods (seclusion/restraint)

| Search terms  | Items found |
|---|-------------|
| <b>Population: children or staff (working with children)</b>  |             |
| 1. SU "YOUNG adults" OR SU "YOUTH" OR DE "YOUNG men" OR DE "YOUNG women" OR SU "ADOLESCENCE" OR SU "CHILDREN" OR DE "TEENAGERS" OR DE "Youth offenders" OR SU "Adolescent psychiatry" OR DE "Child psychiatry" OR DE "Child psychology" OR DE "Social work with children" OR DE "Social work with youth" OR DE "Pediatrics"   | 181,589     |
| TI (adolescent* OR adolescence OR boys OR child* OR childhood OR "early adult" OR girls OR juvenile* OR minor* OR offspring* OR pediatric* OR paediatric* OR puberty OR pupil* OR school-age* OR school-based OR "school student*" OR student* OR teen* OR tween* OR "under age" OR underage* OR young OR "young adult*" OR "young people" OR "young person*" OR youngster* OR youth* OR "young offender*") OR AB (adolescent* OR adolescence OR boys OR child* OR childhood OR "early adult" OR girls OR juvenile* OR minor* OR offspring* OR pediatric* OR paediatric* OR puberty OR pupil* OR school-age* OR school-based OR "school student*" OR student* OR teen* OR tween* OR "under age" OR underage* OR young OR "young adult*" OR "young people" OR "young person*" OR youngster* OR youth* OR "young offender*")  | 674,817     |
| (TX (employee* OR clinician OR guard* OR nurse* OR personnel OR "prison warden*" OR staff OR "Mental health professional*" OR "Formal carer*" OR CAPCAMHS OR "CAMHS Professional*" OR "CAMHS Staff" OR "CAMHS nurse*") OR DE "PATIENT-professional relations" OR DE "Client relations") AND TX (adolescent* OR adolescence OR boys OR child* OR childhood OR "early adult" OR girls OR juvenile* OR minor* OR offspring* OR puberty OR pupil* OR school-age* OR school-based OR "school student*" OR student* OR teen* OR tween* OR "under age" OR underage* OR young OR "young adult*" OR "young people" OR "young person*" OR youngster* OR youth* OR "young offender*")  | 3332,138    |
| 1 OR 2 OR 3   | 882,137     |
| <b>Outcome: Coercion (seclusion / restraint)</b>  |             |
| DE "Coercion" OR DE "Restraint of patients" OR SU "Restraint of children with mental illness" OR DE "Seclusion of psychiatric hospital patients" OR SU "seclusion" OR SU "Restraint and seclusion" OR SU "restraint" OR SU "Solitude" OR SU "restraint and seclusion reduction" OR DE "INVOLUNTARY treatment"   | 1,705       |
| TI (constrain OR constrained OR constraints OR containment OR involuntar* OR coercion* OR coerciv* OR coerced OR "non voluntary" OR nonvoluntary OR "restrictive practice*")  | 6,228       |
| TI ( (constrain OR constrained OR constrains OR containment OR involuntar* OR compulsor* OR coercion* OR coerciv* OR coerced OR "noncoerc*" OR enforced OR forced OR forcibl* OR "non voluntary" OR restrictive OR Seclusion OR seclusions OR seclude* OR restrain*)) N3 ( treat* OR interven* OR care OR caregiving OR admission* OR admit* OR commit* OR hospitaliz* OR hospitalis* OR interventions* OR patient* OR medicat* OR measure* OR method* OR prevent* OR power OR "behav* control" OR detention OR prevent* OR reduc* OR minimize* OR decrease* OR chemical* OR manual OR mechanical* OR medical OR physical* OR psychiatric)) ) OR AB ( (constrain OR constrained OR constrains OR containment OR involuntar* OR compulsor* OR compulsion* OR coercion* OR coerciv* OR coerced OR enforced OR forced OR forcibl* OR "non voluntary" OR restrictive OR Seclusion OR seclusions OR seclude* OR restrain*)) N3 ( treat* OR interven* OR care OR caregiving OR admission* OR admit* OR commit* OR hospitaliz* OR hospitalis* OR intervention* OR patient* OR medicat* OR measure* OR method* OR prevent* OR power OR "behav* control" OR detention OR prevent* OR reduc* OR minimize* OR decrease* OR chemical* OR manual OR mechanical* OR medical OR physical* OR psychiatric)) ) ) | 6,706       |
| TI (lock* N1 (bedroom OR door* OR setting* OR ward* OR room ) ) OR AB (lock* N1 (door* OR setting* OR ward* OR room ) )   | 154         |
| TX ("solitary confinement" OR "Care in solitude" OR "Constant observation" OR "continous observation" OR "suicide watch" OR (isolation N3 (booth* or room*)))   | 2,287       |
| TI ((belt* OR environmental OR face-down OR limb* OR manual OR mask* OR pinel OR posey OR prone OR soft OR vest ) N1 restrain*) OR AB ((belt* OR environmental OR face-down OR limb* OR manual OR mask* OR pinel OR posey OR prone OR soft OR vest) N1 restrain*)   | 25          |

|   |        |
|---|--------|
| TI (belt* N3 (emergency OR lap OR response OR restrictive OR wheelchair)) OR AB (belt* N3 (emergency OR lap OR response OR restrictive OR wheelchair))  | 30     |
| TX ("net bed" OR "net beds" OR straitjacket OR straitjackets OR strait-jacket OR strait-jackets OR bedrail* OR "bed side rails" OR "forced emergency medication" OR "forced medication" OR "pharmacological restraint" OR "chemical restraint" OR "rapid tranquilisation" OR "rapid tranquilization" OR "Involuntary injection*" OR "forced injection*" OR "physical hold*" OR "therapeutic hold*"))  | 1,541  |
| 5 OR 6 OR 7 OR 8 OR 9 OR 10 OR 11 OR 12   | 16,917 |
| <b>Interventions</b>  |        |
| SU "Sensory modulation" OR SU "Sensory integration" OR DE "Personnel management" OR DE "Milieu therapy" OR DE "Dialectical behavior therapy" OR DE "Motivational interviewing" OR DE "Acceptance & commitment therapy" OR ((DE "EDUCATION" AND (DE "SOCIAL workers" OR DE "MEDICAL personnel" OR DE "EMPLOYEES" OR DE "NURSES" OR DE "PHYSICIANS" OR DE "Patient-professional relations")) OR DE "IN-service training of social workers"  | 10,926 |
| ("acceptance and commitment therapy" OR "crisis card*" OR "crisis case management" OR "crisis intervention*" OR "crisis plan*" OR "crisis residential program*" OR "crisis resolution*" OR "crisis respite*" OR de-escalation OR deescalation OR "defusing skill*" OR "motivational interview*" OR "multisensory intervention*" OR "multi-sensory intervention*" OR "multisensory room*" OR "multi-sensory room*" OR "no power no lose" OR "non-violent resistance" OR "response team*" OR "open dialogue" OR "peer respite" OR "positive behavioral intervention*" OR "positive behavioural intervention*" OR "positive behavioral intervention*" OR "respite care" OR safeward* OR "shared decision making" OR "studio iii" OR "comfort room" OR "post incident care" OR post incident review" OR (sensory N1 (approach* OR assessment* OR method* OR modulation OR principles OR room* OR strateg*)) OR (staff N3 (educat* OR ratio* OR training)) OR "6 core strateg*" OR "aggression replacement training" OR "assertive community treatment" OR "Behavioral emergency response team" OR "Children and Residential Experiences" OR "comfort room*" OR "family group conferenc*" OR "Juvenile Justice Anger Management" OR multifunc OR "no force first" OR "promoting risk intervention by situational management" OR resima OR "safepath" OR "REsTRAIN Yourself" OR safeward* OR safe-ward* OR "six core strateg*" OR snoezelen OR terma OR "treatment foster care oregon" OR "Dialectical behavior therapy" OR "behavior modification program*" OR "6 core strateg*" OR "agression replacement training" OR "assertive community treatment" OR "Behavioral emergency response team" OR "Children and Residential Experiences" OR "comfort room*" OR "family group conferenc*" OR "Juvenile Justice Anger Management" OR multifunc OR "no force first" OR "promoting risk intervention by situational management" OR resima OR "safepath" OR "REsTRAIN Yourself" OR safeward* OR safe-ward* OR "six core strateg*" OR snoezelen OR terma OR "treatment foster care oregon" OR "Dialectical behavior therapy" OR "behavior modification program*" OR "Comprehensive behavioral management" OR "Behavioral management program" OR "Open door policy" OR "open door policies" OR "Positive alternatives to restraint and seclusion" OR "Child and family-centered care" OR "Milieu nurse" OR "milieu therapy" OR "Autism spectrum disorder care pathway" OR "Mindfulness based stress reduction" OR "Strength based care" OR "Strength based approach" OR "trauma-informed care" OR "care pathway" OR "Collaborative and proactive solutions" OR "Collaborative problem solving" OR "Rights based care" OR "secure based care" OR (Trauma-informed W1 (approach OR care OR practice OR intervention OR system OR measure* OR question* OR survey OR checklist OR assessment OR evaluation)) OR "self admission" OR "brief admission")) | 5,722  |
| 14 OR 15  | 15,498 |
| <b>Setting: child protective services/mental health services/correctional facilities/Forensic insitutions</b>   |        |
| SU "Involuntary hospitalization" OR DE "COMMITMENT & detention of people with mental illness" OR DE "Youth custody" OR DE "INSTITUTIONAL care" OR DE "PSYCHIATRIC hospitals" OR DE "PSYCHIATRIC hospital care" OR DE "Residential care" OR DE "Institutional care of children" OR DE "Psychiatric clinics" OR DE "Seclusion of psychiatric hospital patients" OR DE "Correctional institutions" OR DE "Alternatives to imprisonment" OR DE "REHABILITATION centers" OR DE "JUVENILE corrections" OR DE "INSTITUTIONAL care of children" OR DE "RESIDENTIAL treatment of adolescents" OR DE "GROUP homes" OR SU  | 21,727 |

|  |              |
|--|--------------|
| "Inpatient care" OR DE "DETENTION facilities" OR DE "PRISONS" OR SU "Residential treatment"  |              |
| TI (Inpatient* OR in-patient* OR institution* OR ward* OR unit OR residential)   | 63,323       |
| TX(((psychiatric* OR mental) N1 (unit* OR ward* OR hospital* OR facilit* OR department* OR institution* OR inpatient* OR center OR centers OR centre OR centres OR setting*)) OR forensic* OR ((Hospital) N3 (secur*)) OR ((Maximum OR High* OR medium OR Low* OR Minimum OR forensic*) W2 (secur*)) OR secure psychiatric service*" OR "secure psychiatric facilit*" OR "secure setting*" OR "secure hospital" OR "secure psychiatric" OR "secure environment*" OR (residential N1 (care OR childcare OR client* OR facilit* OR home* OR program* OR provider* OR service* OR secure OR treatment*) OR (Secure N0 (accommodation OR care OR "children* home*" OR home OR homes OR placement* OR residential OR "training centre*")) OR ((Correctional) N1 (care OR facilit* OR institut* OR rehabilitation OR setting* OR treatment* OR officer* OR staff OR worker*)) OR ((institut* OR unit*) N2 (correction* OR juvenile* OR "young offender*" OR treatment OR secluded OR secure OR forensic)) OR ((detention W0 home*) OR "special youth home*" OR (compulsory N1 care) OR "emergency shelter*" OR "short-term care facilit*" OR jail* OR "penal institution*" OR penitentiary* OR prison*)) | 172,836      |
| 17 OR 18 OR 19   | 234,452      |
| <b>Combined sets:</b>  |              |
| 13 OR 16   | 32,275       |
| 4 AND 20 AND 21  | 3,695        |
| 22 AND Limiters - Peer Reviewed; Document Type: Article  | 3,003        |
| <b>Final result</b>  |              |
| <b>23 AND Limiters - Publication Date: 20050101-</b>   | <b>2,129</b> |

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

**AB** = Abstract; **AU** = Author; **DE** = Term from the thesaurus; **KW** (Available in Academic Search Premiere / SocINDEX / PsycInfo) = Author keyword; **MH** = Exact Subject Heading from CINAHL Subject Headings; **MM** = Major Concept; **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; **ZC** = Methodology Index; \* = 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

## 2 Prevalence

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

Medline via OvidSP 19 February 2025

Title: coercive methods -association (a focused, complimentary, search)

| Search terms   | Items found |
|--|-------------|
| Coercion (seclusion/restraint)   |             |
| 1. *Restraint, Physical/ OR *Patient Isolation/ OR *involuntary treatment/ OR *Involuntary Treatment, Psychiatric/ OR *Coercion/ OR *Involuntary Commitment/   | 9,206       |
| 2. ((Coercive OR constrain OR constrained OR constrains) adj (measure* OR procedure OR "physical intervention"* OR practic* OR "institutional practice"* OR control OR pressure OR episode*).ti,kf OR (Seclusion* OR seclude*).ti,kf OR ("physical restraint" OR "mechanical restraint" OR "chemical restraint" OR "Solitary confinement" OR "Care in solitude" OR "Isolation room" OR "isolation booth" OR "Constant observation" OR "continous observation" OR "suicide watch" OR belting OR "net bed*" OR straitjacket* OR strait-jacket* OR "physical hold*" OR "therapeutic hold*" OR "forced emergency medication" OR "forced medication" OR "pharmacological restraint" OR "chemical restraint" OR "rapid tranquilisation" or "rapid tranquilization" OR "Involuntary injection*" OR "Involuntary treatment*" OR "Involuntary medication*" OR "forced injection*" OR "Therapeutic hold").ti,kf  | 2,795       |
| 1 OR 2   | 10,657      |
| Setting  |             |
| mental health services/ or community mental health services/ or emergency services, psychiatric/ OR Hospitals, Psychiatric/ OR Psychiatric Department, Hospital/ OR exp Correctional Facilities/ or Correctional Facilities Personnel/ or Criminal Behavior/ or Criminal Psychology/ or Prisoners/ or Hospitals, Pediatric/ or Commitment of Mentally Ill/ or Custodial Care/ or Inpatients/   | 166,653     |
| (forensic* OR inpatient* OR in-patient* OR institution* OR ward* OR unit OR residential).ti  | 934,611     |
| ((inpatient OR in-patient*) ADJ1 (setting* OR unit* OR facility* OR treatment OR ward*).ti,ab  | 49,597      |
| ((((psychiatric* OR mental ) ADJ1 ( unit* OR ward* OR hospital* OR facilit* OR department* OR institution* OR inpatient* OR center OR centers OR centre OR centres OR setting* ) ) OR "Treatment facility*" OR ((Hospital) ADJ3 (secur*)) OR ((Maximum OR High* OR medium OR Low* OR Minimum OR forensic*) ADJ2 (secur*)) OR "secure psychiatric service*" OR "secure psychiatric facilit*" OR "secure setting*" OR "secure hospital" OR "secure psychiatric" OR "secure environment*" OR ( residential ADJ1 ( care OR childcare OR client* OR facilit* OR home* OR program* OR provider* OR service* OR secure OR treatment* ) ) OR (Secure ADJ0 (accommodation OR care OR "children* home*" OR home OR homes OR placement* OR residential OR "training centre*")) OR ((Correctional) ADJ1 (care OR facilit* OR institut* OR rehabilitation OR setting* OR treatment* OR officer* OR staff OR worker*)) OR ((institut* OR unit*) ADJ2 (correction* OR juvenile* OR "young offender*" OR treatment OR secluded OR secure OR forensic)) OR (detention ADJ0 home*) OR "special youth home*" OR (compulsory ADJ1 care) OR jail* OR "penal institution*" OR penitentiary* OR prison*).ti,ab,kw | 89,844      |
| 4 OR 5 OR 6 OR 7   | 1,147,243   |
| Study types  |             |
| Retrospective Studies/ OR Registries/ OR Prospective Studies/ OR Prevalence/ OR Longitudinal Studies/  | 2,454,623   |
| (Register OR Registers OR registries OR "observational cohort study" OR prospective OR longitudinal).ti,ab,kf  | 1,261,920   |
| 9 OR 10  | 3,047,531   |
| Association  |             |
| Association/   | 4,186       |

|  |           |
|--|-----------|
| (Association* OR associated OR "relationship between" OR correlation OR correlated OR frequency OR duration OR "change over time" OR "trends over time" OR "before and after").ti,kf | 1,672,646 |
| 12 OR 13   | 1,675,606 |
| Combined sets  |           |
| 11 OR 14   | 4,446,222 |
| Final result   |           |
| 3 AND 8 AND 15   | 550       |

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

**.ab.** = Abstract; **.ab,ti.** = Abstract or title; **.af.** = All fields; **.bt.** = Book title; **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; **.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); **\* or \$** = 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; **#** = replaces one letter

## 3 Health economics

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

Multi-database searching: Academic Search Premiere (ASP)/Cinahl/Criminal Justice Abstract/SocINDEX via EBSCO 19 February 2025

Title: cohesive methods (seclusion/restraint) -economic aspects

| Search terms   | Items found |
|--|-------------|
| <b>Outcome: Coercion (seclusion / restraint)</b>   |             |
| MH "Coercion" OR MH "Patient Seclusion" OR MH "Restraint, Physical" OR (MH "Social Isolation") OR MH "Restraint, Chemical" OR (MH "Involuntary Treatment") OR DE "SOLITUDE" OR DE "RESTRAINT of prisoners" OR DE "RESTRAINT of patients" OR DE "RESTRAINT of children with mental illness" OR DE "SECLUSION of psychiatric hospital patients" OR DE "INVOLUNTARY treatment" OR DE "PUNISHMENT" RO (SU "SECLUSION of psychiatric hospital patients" OR SU "RESTRAINT of patients" OR SU "RESTRAINT of prisoners" OR SU "SOLITARY confinement" OR SU "INVOLUNTARY treatment") OR SU "confinement" OR DE "Coercion" OR DE "Restraint of patients" OR SU "Restraint of children with mental illness" OR DE "Seclusion of psychiatric hospital patients" OR SU "seclusion" OR SU "Restraint and seclusion" OR SU "restraint" OR SU "Solitude" OR SU "restraint and seclusion reduction" OR DE "INVOLUNTARY treatment"   | 66,634      |
| <b>TI</b> (constrain OR constrained OR constraints OR containment OR involuntar* OR coercion* OR coerciv* OR coerced OR "non voluntary" OR nonvoluntary OR restrain* OR "restrictive practice*" OR Seclusion OR seclusions OR seclude*)  | 119,220     |
| <b>TI</b> ( (constrain OR constrained OR constrains OR containment OR involuntar* OR compulsor* OR compulsion* OR coercion* OR coerciv* OR coerced OR enforced OR forced OR forcibl* OR "non voluntary" OR restrictive ) N3 ( treat* OR interven* OR care OR caregiving OR admission* OR admit* OR commit* OR hospitaliz* OR hospitalis* OR interventions* OR patient* OR medicat* OR measure* OR method* OR prevent* OR power OR "behav* control" OR detention ) ) OR <b>AB</b> ( (constrain OR constrained OR constrains OR containment OR involuntar* OR compulsor* OR compulsion* OR coercion* OR coerciv* OR coerced OR enforced OR forced OR forcibl* OR "non voluntary" OR restrictive ) N3 ( treat* OR interven* OR care OR caregiving OR admission* OR admit* OR commit* OR hospitaliz* OR hospitalis* OR intervention* OR patient* OR medicat* OR measure* OR method* OR prevent* OR power OR "behav* control" OR detention ) ) OR <b>TI</b> (coercion OR "noncoerc*") OR <b>AB</b> (( coercion AND treatment ) OR "noncoerc*") OR <b>AB</b> (Seclusion OR seclusions OR seclude*) OR <b>TI</b> ( lock* N1 ( bedroom OR door* OR setting* OR ward* OR room ) ) OR <b>AB</b> ( lock* N1 ( door* OR setting* OR ward* OR room ) ) OR <b>TI</b> ("solitary confinement" OR "Care in solitude" OR "Constant observation" OR "continuous observation" OR "suicide watch") OR <b>AB</b> ("solitary confinement" OR "Care in solitude" OR "Constant observation" OR "continuous observation" OR "suicide watch") OR <b>TX</b> (isolation N3 (booth* OR room*)) OR <b>AB</b> ((Restraine* N3 (prevent* OR reduc* OR minimize* OR decrease*)) OR <b>TX</b> ((Restraine* OR restrict* OR seclusion OR "punitive strateg*" OR coercive) N1 (prevent* OR reduc* OR minimize* OR decrease*)) OR <b>TI</b> ( ( restrain* ) N3 ( treat* OR interven* OR care OR caregiving OR admission* OR admit* OR commit* OR hospitaliz* OR hospitalis* OR interventions* OR patient* OR medicat* OR measure* OR method* OR power OR "behav* control" OR detention ) ) OR <b>AB</b> ( ( restrain* OR constrain OR constrained OR constrains OR containment OR involuntar* OR compulsor* OR compulsion* OR coercion* OR coerciv* OR coerced OR enforced OR forced OR forcibl* OR "non voluntary" ) N3 ( treat* OR interven* OR care OR caregiving OR admission* OR admit* OR commit* OR hospitaliz* OR hospitalis* OR intervention* OR patient* OR medicat* OR measure* OR method* OR power OR "behav* control" OR detention ) ) OR <b>TI</b> ( ( restrain* OR coercion OR constrain OR constrained OR constrains ) N3 ( chemical* OR manual OR mechanical* OR medical OR physical* OR psychiatric ) ) OR <b>AB</b> ( ( restrain* OR coercion OR constrain OR constrained OR constrains ) N3 ( chemical* OR manual OR mechanical* OR medical OR physical* OR psychiatric ) ) OR <b>TI</b> ( ( belt* OR environmental OR face-down OR limb* OR manual OR mask* OR pinel OR posey OR prone OR soft OR vest ) N1 restrain* ) OR <b>AB</b> ( ( belt* OR environmental OR face-down OR limb* OR manual OR mask* OR pinel OR posey OR prone OR soft OR vest ) N1 restrain* ) OR <b>TI</b> ( belt* N3 ( emergency OR lap OR response OR | 119,878     |

|   |         |
|---|---------|
| restrictive OR wheelchair ) ) OR AB ( belt* N3 ( emergency OR lap OR response OR restrictive OR wheelchair ) ) OR TI ( belting OR "net bed*" OR straitjacket* OR strait-jacket* ) OR AB ( belting OR "net bed*" OR straitjacket* OR strait-jacket* OR bedrail* OR "bed side rails" ) OR TI (((held OR hold*) N2 (down OR secure OR tight*)) OR (put* W0 down) OR "physical hold*" OR "therapeutic hold*") OR AB(((held OR hold*) N0 (down OR secure OR tight*)) OR (put* W0 down) OR "physical hold*" OR "therapeutic hold*") OR TX ("forced emergency medication" OR "forced medication" OR "pharmacological restraint" OR "chemical restraint" OR "rapid tranquilisation" or "rapid tranquilization" OR "Involuntary injection*" OR "forced injection*"))   |         |
| 1 OR 2 OR 3   | 273,707 |
| <b>Interventions</b>  |         |
| MH "Conflict Management" OR MH "Acceptance and Commitment Therapy" OR MH "Sensory Stimulation" OR MH "Dialectical Behavior Therapy" OR ((MH "Program Evaluation" OR MH "Staff Development" OR MH "Program Evaluation" OR MH "Crisis Intervention" OR MH "Program Implementation") AND ((MH "Workplace Violence Prevention and Control" OR MM "Patient Assault Prevention and Control" OR TX "aggressi*" OR TX "conflict*" OR TX "violent*")) OR SU ("Assertive community treatment" OR "systemic interventions" OR "MILIEU therapy" OR "RECREATIONAL therapy" OR "SENSORIMOTOR integration" OR ("BEHAVIOR modification" AND "AGGRESSION (Psychology)")) OR SU "Sensory modulation" OR SU "Sensory integration" OR DE "Personnel management" OR DE "Milieu therapy" OR DE "Dialectical behavior therapy" OR DE "Motivational interviewing" OR DE "Acceptance & commitment therapy" OR ((DE "EDUCATION" AND (DE "SOCIAL workers" OR DE "MEDICAL personnel" OR DE "EMPLOYEES" OR DE "NURSES" OR DE "PHYSICIANS" OR DE "Patient-professional relations")) OR DE "IN-service training of social workers"   | 126,095 |
| TI( "acceptance and commitment therapy" OR "crisis card*" OR "crisis case management" OR "crisis intervention*" OR "crisis plan*" OR "crisis residential program*" OR "crisis resolution*" OR "crisis respite*" OR de-escalation OR deescalation OR "defusing skill*" OR "motivational interview*" OR "multisensory intervention*" OR "multi-sensory intervention*" OR "multisensory room*" OR "multi-sensory room*" OR "no power no lose" OR "non-violent resistance" OR "response team*" OR "open dialogue" OR "peer respite" OR "positive behavioral intervention*" OR "positive behavioural intervention*" OR "positive behavioral intervention*" OR "respite care" OR safeward* OR "shared decision making" OR "studio iii" OR "comfort room" OR "post incident care" OR post incident review") OR ( sensory N1 ( approach* OR assessment* OR method* OR modulation OR principles OR room* OR strateg* ) OR "6 core strateg*" OR "aggression replacement training" OR "assertive community treatment" OR "Behavioral emergency response team" OR "Children and Residential Experiences" OR "comfort room*" OR "family group conferenc*" OR "Juvenile Justice Anger Management" OR multifunc OR "no force first" OR "promoting risk intervention by situational management" OR resima OR "safepath" OR safeward* OR safe-ward* OR "six core strateg*" OR snoezelen OR terma OR "treatment foster care oregon" OR "Dialectical behavior therapy" OR "behavior modification program*" OR "Comprehensive behavioral management" OR "Behavioral management program" OR "Open door policy" OR "open door policies" OR "Positive alternatives to restraint and seclusion" OR "Child and family-centered care" OR "Milieu nurse" OR "milieu therapy" OR "Autism spectrum disorder care pathway" OR "Mindfulness based stress reduction" OR "Strength based care" OR "Strength based approach" OR "trauma-informed care" OR "care pathway" OR "Collaborative and proactive solutions" OR "Collaborative problem solving" OR "Rights based care" OR "secure based care" OR (Trauma-informed W1 (approach* OR care OR recovery OR therapy))) OR (("Patient-centred" OR "patient involvement" OR "patient participation") AND (planning OR intervent* OR "communication skills")) OR AB( "acceptance and commitment therapy" OR "crisis card*" OR "crisis case management" OR "crisis intervention*" OR "crisis plan*" OR "crisis residential program*" OR "crisis resolution*" OR "crisis respite*" OR de-escalation OR deescalation OR "defusing skill*" OR "motivational interview*" OR "multisensory intervention*" OR "multi-sensory intervention*" OR "multisensory room*" OR "multi-sensory room*" OR "no power no lose" OR "non-violent resistance" OR "response team*" OR "open dialogue" OR "peer respite" OR "positive behavioral intervention*" OR "positive behavioural intervention*" OR "positive behavioral intervention*" OR "respite care" OR safeward* OR "shared decision making" OR "studio iii" OR "comfort room" OR "post incident care" OR post incident review") OR ( sensory N1 ( approach* OR assessment* OR method* OR modulation OR principles OR | 59,841  |



|   |           |
|---|-----------|
| room* OR strateg* ) OR "6 core strateg*" OR "aggression replacement training" OR "assertive community treatment" OR "Behavioral emergency response team" OR "Children and Residential Experiences" OR "comfort room*" OR "family group conferenc*" OR "Juvenile Justice Anger Management" OR multifunc OR "no force first" OR "promoting risk intervention by situational management" OR resima OR "safepath" OR safeward* OR safe-ward* OR "six core strateg*" OR snoezelen OR terma OR "treatment foster care oregon" OR "Dialectical behavior therapy" OR "behavior modification program*" OR "Comprehensive behavioral management" OR "Behavioral management program" OR "Open door policy" OR "open door policies" OR "Positive alternatives to restraint and seclusion" OR "Child and family-centered care" OR "Milieu nurse" OR "milieu therapy" OR "Autism spectrum disorder care pathway" OR "Mindfulness based stress reduction" OR "Strength based care" OR "Strength based approach" OR "trauma-informed care" OR "care pathway" OR "Collaborative and proactive solutions" OR "Collaborative problem solving" OR "Rights based care" OR "secure based care" OR (Trauma-informed W1 (approach OR care OR practice OR intervention OR system OR measure* OR question* OR survey OR checklist OR assessment OR evaluation) OR (("Patient-centred" OR "patient involvement" OR "patient participation")) AND (planning OR intervent* OR "communication skills")) OR "self admission" OR "brief admission")   |           |
| 5 OR 6  | 175,539   |
| <b>Setting: Child protective services/mental health services/correctional facilities</b>  |           |
| (MH "Correctional Facilities") OR MH "Hospitalization" OR MH "Hospitals, Psychiatric" OR MH "Inpatients" OR (MH "Involuntary Commitment") OR MH "Psychiatric Care" OR MH "Psychiatric Units" OR (MH "Residential Care") OR MH "Residential Facilities" OR (MH "Youth Care Facilities") OR DE "INSTITUTIONAL care of children" OR DE "RESIDENTIAL care" OR DE "PSYCHIATRIC hospitals" OR DE "INPATIENT care" OR DE "INSTITUTIONALIZED persons" OR DE "PRISONERS" OR DE "PRISONS" OR DE "CORRECTIONAL institutions" OR DE "JUVENILE corrections" OR DE "CORRECTIONAL institutions" OR DE "Imprisonment" OR DE "INSTITUTIONALIZED persons" OR DE "RESIDENTIAL care" OR DE "INSTITUTIONAL care" OR DE "JUVENILE detention homes" OR SU "Involuntary hospitalization" OR DE "COMMITMENT & detention of people with mental illness" OR DE "Youth custody" OR DE "INSTITUTIONAL care" OR DE "PSYCHIATRIC hospitals" OR DE "PSYCHIATRIC hospital care" OR DE "Residential care" OR DE "Institutional care of children" OR DE "Psychiatric clinics" OR DE "Seclusion of psychiatric hospital patients" OR DE "Correctional institutions" OR DE "Alternatives to imprisonment" OR DE "REHABILITATION centers" OR DE "JUVENILE corrections" OR DE "INSTITUTIONAL care of children" OR DE "RESIDENTIAL treatment of adolescents" OR DE "GROUP homes" OR SU "Inpatient care" OR DE "DETENTION facilities" OR DE "PRISONS" OR SU "Residential treatment"  | 324,008   |
| TI (forensic* OR inpatient* OR in-patient* OR institution* OR ward* OR unit OR residential) OR AB ((inpatient OR in-patient*) N1 (setting* OR unit* OR facility* OR treatment OR ward*))  | 1,988,223 |
| TI (((psychiatric* OR mental) N1 (unit* OR ward* OR hospital* OR facilit* OR department* OR institution* OR inpatient* OR center OR centers OR centre OR centres OR setting*)) OR "Treatment facility*" OR ((Hospital) N3 (secur*)) OR ((Maximum OR High* OR medium OR Low* OR Minimum OR forensic*) W2 (secur*)) OR "secure psychiatric service*" OR "secure psychiatric facilit*" OR "secure setting*" OR "secure hospital" OR "secure psychiatric" OR "secure environment*" OR ( residential N1 ( care OR childcare OR client* OR facilit* OR home* OR program* OR provider* OR service* OR secure OR treatment*)) OR (Secure NO (accommodation OR care OR "children* home*" OR home OR homes OR placement* OR residential OR "training centre*")) OR ((Correctional) N1 (care OR facilit* OR institut* OR rehabilitation OR setting* OR treatment* OR officer* OR staff OR worker*)) OR ((institut* OR unit*) N2 (correction* OR juvenile* OR "young offender*" OR treatment OR secluded OR secure OR forensic)) OR (detention W0 home*) OR "special youth home*" OR (compulsory N1 care) OR jail* OR "penal institution*" OR penitentiary* OR prison*) OR AB (( (psychiatric* OR mental) N1 (unit* OR ward* OR hospital* OR facilit* OR department* OR institution* OR inpatient* OR center OR centers OR centre OR centres OR setting*)) OR "Treatment facility*" OR ((Hospital) N3 (secur*)) OR ((Maximum OR High* OR medium OR Low* OR Minimum OR forensic*) W2 (secur*)) OR "secure psychiatric service*" OR "secure psychiatric facilit*" OR "secure setting*" OR "secure hospital" OR "secure psychiatric" OR "secure environment*" OR (residential N1 (care OR childcare OR client* OR facilit* OR home* OR program* OR provider* OR service* OR secure OR treatment*)) OR (Secure NO | 341,546   |

|   |                  |
|---|------------------|
| (accommodation OR care OR "children* home*" OR home OR homes OR placement* OR residential OR "training centre*") OR ((Correctional) N1 (care OR facilit* OR institut* OR rehabilitation OR setting* OR treatment* OR officer* OR staff OR worker*)) OR ((institut* OR unit*) N2 (correction* OR juvenile* OR "young offender*" OR treatment OR secluded OR secure OR forensic)) OR (detention W0 home*) OR "special youth home*" OR (compulsory N1 care) OR jail* OR "penal institution*" OR penitentiary* OR prison*)  |                  |
| 8 OR 9 OR 10  | 2,461,079        |
| <b>Economic aspects (Search filter: CADTH Narrow)<sup>1</sup></b>   |                  |
| (MM "Economics" OR MM "Costs and Cost Analysis+" OR MM "Economic Aspects of Illness" OR MM "Global Burden of Disease" OR MH "Cost Effectiveness Analysis" OR MH "Cost Benefit Analysis" OR MH "Costs and Cost Analysis" OR TX (economic N1 model*) OR TI ( "cost minimi*" or cost-utilit* or "health utilit*" or "economic evaluation*" or "economic review*" or "cost outcome" or "cost analys#s" or "economic analys#s" or "budget* impact analys#s" ) OR AB ( "cost minimi*" or cost-utilit* or "health utilit*" or "economic evaluation*" or "economic review*" or "cost outcome" or "cost analys#s" or "economic analys#s" or "budget* impact analys#s" ) OR TI (cost-effective* or pharmacoeconomic* or pharmaco-economic* or cost-benefit or costs) OR AB ("life year" or "life years" or qaly* or "cost-benefit analys#s" or "cost-effectiveness analys#s") OR TI ( cost or economic* ) AND AB ( costs or cost-effectiveness or markov or "monte carlo" or model or modeling or modelling)) | 491,926          |
| <b>Combined sets</b>  |                  |
| 4 OR 7  | 446,737          |
| 11 AND 12 AND 13  | 777              |
| <b>Final result</b>   |                  |
| <b>14 AND Limiters - Peer Reviewed; Document Type: Article; Research Article; Publication Type: Journal Article; Document Type: Article; Document Type: Article</b>   | <b>525 (582)</b> |

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

**AB** = Abstract; **AU** = Author; **DE** = Term from the thesaurus; **KW** (Available in Academic Search Premiere / SocINDEX / PsycInfo) = Author keyword; **MH** = Exact Subject Heading from CINAHL Subject Headings; **MM** = Major Concept; **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; **ZC** = Methodology Index; \* = 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

<sup>1</sup> Adapted/translated from: Economic - Narrow - MEDLINE, Embase. In: CADTH Search Filters Database. Ottawa: CADTH; 2024: <https://searchfilters.cadth.ca/link/20>. Accessed 2024-01-30. With modifications: the following CINAHL subject headings are not searched as major topic: MH "Cost Effectiveness Analysis" OR MH "Cost Benefit Analysis" OR MH "Costs and Cost Analysis".

CRD-Database (DARE, NHS EED, HTA) 7 August 2024

Title: cohersive methods (seclusion/restraint) -economic aspects

| Search terms                                   |   | Items found |
|--|---|-------------|
| <b>Outcome: Coercion (seclusion/restraint)</b> |   |             |
| 1.   | MeSH DESCRIPTOR Involuntary Treatment EXPLODE ALL TREES                             | 0           |
|  | MeSH DESCRIPTOR Coercion EXPLODE ALL TREES  | 2           |
|  | MeSH DESCRIPTOR Restraint, Physical EXPLODE ALL TREES                               | 39          |
|  | MeSH DESCRIPTOR Involuntary Commitment EXPLODE ALL TREES                            | 0           |
|  | MeSH DESCRIPTOR Patient Isolation EXPLODE ALL TREES                                 | 21          |
|  | TITLE (restrain* OR "restrictive practice*" OR seclusion OR seclusions OR seclude*) | 5           |
| <b>Final result</b>                            |   |             |
| <b>1 OR 2 OR 3 OR 4 OR 5 OR 6</b>              |   | <b>64</b>   |

Embase via Elsevier 19 February 2025

Title: cohersive methods (seclusion/restraint) -economic aspects

| Search terms   | Items found |
|--|-------------|
| <b>Outcome: Coercion (seclusion / restraint)</b>   |             |
| 2. 'seclusion'/de OR 'physical restraint'/de OR 'coercion'/de  | 2,213       |
| ((restrain* OR "restrictive practice*" OR seclusion OR seclusions OR seclude*) AND (prevent* OR reduc* OR minimize* OR decrease* OR treat* OR interven* OR care OR caregiving OR admission* OR admit* OR commit* OR episodes OR hospitaliz* OR hospitalis* OR interventions* OR patient* OR medicat* OR measure* OR method* OR practices OR prevent* OR power OR techniques OR "behav* control" OR detention OR violence OR mental)):ti OR ("coercive measures" OR "Coercive violence" OR "Coercive practices" OR "Coercive techniques" OR "Coercive episodes"):ti   | 3,071       |
| ((coercive OR constrain OR constrained OR constrains OR containment OR involuntar* OR coercion* OR coerciv* OR coerced OR enforced OR forced OR forcibl* OR "non voluntary" OR restrictive OR seclusion OR seclusions OR secluded OR "restrictive practice*") NEAR/1 (treat* OR interven* OR care OR caregiving OR admission* OR admit* OR commit* OR episodes OR hospitaliz* OR hospitalis* OR interventions* OR patient* OR medicat* OR measure* OR method* OR practices OR prevent* OR power OR techniques OR "behav* control" OR detention OR violence)):ti,ab   | 11,361      |
| ((restrain* OR restrict* OR seclusion OR seclude OR 'punitive strategy' OR 'punitive strategies' OR coercive OR coercion) NEAR/1 (prevent* OR reduc* OR minimize* OR decrease*)):ti,ab   | 3,429       |
| ("Chemical restraint" OR "Manual restraint" OR "Mechanical restraint" OR "Medical restraint" OR "Physical restraint" OR "Solitary confinement" OR "Care in solitude" OR "Isolation room" OR "isolation booth" OR "Constant observation" OR "continous observation" OR "suicide watch" OR belting OR "net bed*" OR straitjacket* OR strait-jacket* OR "physical hold*" OR "therapeutic hold*" OR "forced emergency medication" OR "forced medication" OR "pharmacological restraint" OR "chemical restraint" OR "rapid tranquilisation" or "rapid tranquilization" OR "Involuntary injection*" OR "forced injection*" OR "Therapeutic hold"):ti,ab  | 4,535       |
| (#1 OR #2 OR #3 OR #4 OR #5) NOT 'child restraint system'/de   | 21,257      |
| <b>Interventions</b>   |             |
| 'staff training'/de OR 'dialectical behavior therapy'/de OR 'acceptance and commitment therapy'/de OR 'total quality management'/de OR 'assertive community treatment'/de OR 'program effectiveness'/de OR ('health care personnel'/de AND 'education'/de) OR (('aggression'/mj OR 'violence'/mj) AND ('program effectiveness'/de OR 'prevention and control'/de))   | 151,577     |
| ("acceptance and commitment therapy" OR "crisis card*" OR "crisis case management" OR "crisis intervention*" OR "crisis plan*" OR "crisis residential program*" OR "crisis resolution*" OR "crisis respite*" OR de-escalation OR deescalation OR "defusing skill*" OR "motivational interview*" OR "multisensory intervention*" OR "multi-sensory intervention*" OR "multisensory room*" OR "multi-sensory room*" OR "no power no lose" OR "non-violent resistance" OR "response team*" OR "open dialogue" OR "peer respite" OR "positive behavioral intervention*" OR "positive behavioural intervention*" OR "positive behavioral intervention*" OR "respite care" OR safeward* OR "shared decision making" OR "studio iii" OR "comfort room" OR "post incident care" OR "post incident review" OR "6 core strateg*" OR "aggression replacement training" OR "assertive community treatment" OR "Behavioral emergency response team" OR "Children and Residential Experiences" OR "comfort room*" OR "family group conferenc*" OR "Juvenile Justice Anger Management" OR multifunc OR "no force first" OR "promoting risk intervention by situational management" OR resima OR "safepath" OR safeward* OR safe-ward* OR "six core strateg*" OR snoezelen OR terma OR "treatment foster care oregon" OR "Dialectical behavior therapy" OR "behavior modification program*" OR "Comprehensive behavioral management" OR "Behavioral management program" OR "Open door policy" OR "open door policies" OR "Positive alternatives to restraint and seclusion" OR "Child and family-centered care" OR "Milieu nurse" OR "milieu therapy" OR | 66,225      |

|  |           |
|--|-----------|
| "Autism spectrum disorder care pathway" OR "Mindfulness based stress reduction" OR "Strength based care" OR "Strength based approach" OR "care pathway" OR "Collaborative and proactive solutions" OR "Collaborative problem solving" OR "Rights based care" OR "secure based care"):ti,ab   |           |
| (Trauma-informed NEXT/1 (approach OR care OR practice OR intervention OR system OR measure* OR question* OR survey OR checklist OR assessment OR evaluation)):ti,ab  | 2,139     |
| (sensory NEAR/1 (approach* OR assessment* OR method* OR modulation OR principles OR room* OR strateg*)):ti,ab  | 1,814     |
| ((("Patient-centred" OR "patient involvement" OR "patient participation") NEXT/1 (planning OR intervent* OR "communication skills")):ti,ab   | 194       |
| #7 OR #8 OR #9 OR #10 OR #11   | 216,497   |
| <b>Setting</b>   |           |
| 'mental health care'/de OR 'mental hospital'/de OR 'correctional facility'/de OR 'juvenile detention center'/de OR 'residential care'/de OR 'forensic psychiatry'/de OR (('hospital patient'/de OR 'hospitalized adolescent'/de OR 'hospitalized child'/de) AND ('psychiatric department'/de OR 'mental disease'/exp))   | 155,467   |
| (forensic* OR inpatient* OR in-patient* OR institution* OR ward* OR unit OR residential):ti  | 1,439,791 |
| ((inpatient OR in-patient*) NEAR/1 (setting* OR unit* OR facility* OR treatment OR ward*)):ti,ab   | 82,634    |
| ((('psychiatric* OR mental ) NEAR/1 ( unit* OR ward* OR hospital* OR facilit* OR department* OR institution* OR inpatient* OR center OR centers OR centre OR centres OR setting* ) ) OR "Treatment facility*" OR ((Hospital) NEAR/3 (secur*)) OR ((Maximum OR High* OR medium OR Low* OR Minimum OR forensic*) NEXT/2 (secur*)) OR "secure psychiatric service*" OR "secure psychiatric facilit*" OR "secure setting*" OR "secure hospital" OR "secure psychiatric" OR "secure environment*" OR ( residential NEAR/1 ( care OR childcare OR client* OR facilit* OR home* OR program* OR provider* OR service* OR secure OR treatment* ) ) OR (Secure NEXT/0 (accommodation OR care OR "children* home*" OR home OR homes OR placement* OR residential OR "training centre*")) OR ((Correctional) NEAR/1 (care OR facilit* OR institut* OR rehabilitation OR setting* OR treatment* OR officer* OR staff OR worker*)) OR ((institut* OR unit*) NEAR/2 (correction* OR juvenile* OR "young offender*" OR treatment OR secluded OR secure OR forensic)) OR (detention NEXT/0 home*) OR "special youth home*" OR (compulsory NEXT/1 care) OR jail* OR "penal institution*" OR penitentiary* OR prison*)):ti,ab | 117,143   |
| #13 OR #14 OR #15 OR #16   | 1,674,834 |
| <b>Economic aspects (Search filter: CADHT Narrow)<sup>2</sup></b>  |           |
| ('economics'/mj OR 'cost'/exp/mj OR 'device economics'/mj OR 'disease burden'/exp/mj OR 'economic efficiency'/exp/mj OR 'economic evaluation'/exp/mj OR 'economic parameters'/mj OR 'health economics'/mj OR 'health savings account'/mj OR 'low-value care'/mj OR 'pharmacoeconomics'/mj OR 'cost effectiveness analysis'/de OR 'cost benefit analysis'/exp OR 'cost minimization analysis'/de OR 'cost utility analysis'/de OR 'economic evaluation'/de OR (economic NEAR/2 model*) OR 'cost minimi*':ti,ab,kw OR 'cost utilit*':ti,ab,kw OR 'health utilit*':ti,ab,kw OR 'economic evaluation*':ti,ab,kw OR 'economic review*':ti,ab,kw OR 'cost outcome':ti,ab,kw OR 'cost analys\$':ti,ab,kw OR 'economic analys\$':ti,ab,kw OR 'budget* impact analys\$':ti,ab,kw OR 'cost effective*':ti,kw OR pharmacoeconomic*':ti,kw OR 'pharmaco economic*':ti,kw OR 'cost benefit':ti,kw OR costs:ti,kw OR 'life year':ab,kw OR 'life years':ab,kw OR qaly*:ab,kw OR 'cost-benefit analys\$':ab,kw OR 'cost-effectiveness analys\$':ab,kw OR ((cost:ti,kw OR   | 552,089   |

<sup>2</sup> Adapted/translated from: Economic - Narrow - MEDLINE, Embase. In: CADTH Search Filters Database. Ottawa: CADTH; 2024: <https://searchfilters.cadth.ca/link/20>. Accessed 2024-01-30. With modifications: the following Emtree terms are added: 'device economics'/mj ; 'disease burden'/exp/mj ; 'economic efficiency'/exp/mj ; 'economic evaluation'/exp/mj ; 'economic parameters'/mj ; 'health economics'/mj ; 'health savings account'/mj ; 'low-value care'/mj ; 'pharmacoeconomics'/mj. The following Emtree terms are not searched as major topic: 'cost effectiveness analysis'/de ; 'cost benefit analysis'/exp ; 'cost minimization analysis'/de ; 'cost utility analysis'/de ; 'economic evaluation'/de.

economic\*:ti,kw) AND (costs:ab OR 'cost effectiveness':ab OR markov:ab OR 'monte carlo':ab OR model:ab OR modeling:ab OR modelling:ab)))

|   |         |
|---|---------|
| <b>Combined sets</b>  |         |
| #6 OR #12   | 236,849 |
| #17 AND #18 AND #19   | 752     |
| <b>Final result</b>   |         |
| #20 NOT (('animal'/exp OR 'nonhuman'/exp) NOT 'human'/exp) AND ([article]/lim OR [article in press]/lim) AND [embase]/lim | 366     |

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; **/mj** = Major Topic; **:ab** = Abstract; **:au** = Author; **: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 or no letters; **?** = replaces one letter

International HTA Database 19 February 2025

Title: cohersive methods (seclusion/restraint) -economic aspects

| Search terms                                   |  | Items found |
|--|--|-------------|
| <b>Outcome: Coercion (seclusion/restraint)</b> |  |             |
| 3.   | "Involuntary Treatment"[mhe]   | 1           |
|  | "Coercion"[mhe]  | 2           |
|  | "Restraint, Physical"[mhe]   | 7           |
|  | "Involuntary Commitment"[mhe]  | 0           |
|  | "Patient Isolation"[mhe]   | 5           |
|  | ALL ((restrain* OR "restrictive practice*" OR seclusion OR seclusions OR seclude*) | 24          |
| <b>Final result</b>                            |  |             |
| <b>1 OR 2 OR 3 OR 4OR 5 OR 6</b>               |  | <b>37</b>   |

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

Medline via OvidSP 19 February 2025

Title: cohersive methods (seclusion/restraint) -economic aspects

| Search terms   | Items found |
|--|-------------|
| <b>Outcome: Coercion (seclusion/restraint)</b>   |             |
| 4. involuntary treatment/ OR Involuntary Treatment, Psychiatric/ OR Coercion/ OR Restraint, Physical/ OR Involuntary Commitment/ OR Patient Isolation/   | 22,262      |
| ((restrain* OR "restrictive practice*" OR seclusion OR seclusions OR seclude*) AND (prevent* OR reduc* OR minimize* OR decrease* OR treat* OR interven* OR care OR caregiving OR admission* OR admit* OR commit* OR episodes OR hospitaliz* OR hospitalis* OR interventions* OR patient* OR medicat* OR measure* OR method* OR practices OR prevent* OR power OR techniques OR "behav* control" OR detention OR violence OR mental)).ti OR ("coercive measures" OR "Coercive violence" OR "Coercive practices" OR "Coercive techniques" OR "Coercive episodes").ti   | 2,690       |
| ((coercive OR constrain OR constrained OR constrains OR containment OR involuntar* OR compulsor* OR compulsion* OR coercion* OR coerciv* OR coerced OR enforced OR forced OR forcibl* OR "non voluntary" OR restrictive OR seclusion OR seclusions OR secluded OR "restrictive practice*") ADJ1 (prevent* OR reduc* OR minimize* OR decrease* OR treat* OR interven* OR care OR caregiving OR admission* OR admit* OR commit* OR episodes OR hospitaliz* OR hospitalis* OR interventions* OR patient* OR medicat* OR measure* OR method* OR practices OR prevent* OR power OR techniques OR "behav* control" OR detention OR violence)).ti,ab  | 11,515      |
| ("Chemical restraint" OR "Manual restraint" OR "Mechanical restraint" OR "Medical restraint" OR "Physical restraint" OR "Solitary confinement" OR "Care in solitude" OR "Isolation room" OR "isolation booth" OR "Constant observation" OR "continous observation" OR "suicide watch" OR belting OR "net bed*" OR straitjacket* OR strait-jacket* OR "physical hold*" OR "therapeutic hold*" OR "forced emergency medication " OR "forced medication" OR "pharmacological restraint" OR "chemical restraint" OR "rapid tranquilisation" OR "rapid tranquilization" OR "Involuntary injection*" OR "forced injection*" OR "Therapeutic hold").ti,ab,kw  | 3,661       |
| 1 OR 2 OR 3 OR 4   | 35,259      |
| <b>Interventions:</b>  |             |
| "Acceptance and commitment therapy"/ or schema therapy/ or dialectical behavior therapy/ or motivational Interviewing/ or ("Aggression"/ or "Self-Injurious Behavior"/ or "Suicide, Attempted"/) AND ("Behavior Therapy"/ OR "Professional-Patient Relations"/) OR Psychiatric Nursing/ed)   | 9,607       |
| ("acceptance and commitment therapy" OR "crisis card*" OR "crisis case management" OR "crisis intervention*" OR "crisis plan*" OR "crisis residential program*" OR "crisis resolution*" OR "crisis respite*" OR de-escalation OR deescalation OR "defusing skill*" OR "motivational interview*" OR "multisensory intervention*" OR "multi-sensory intervention*" OR "multisensory room*" OR "multi-sensory room*" OR "no power no lose" OR "non-violent resistance" OR "response team*" OR "open dialogue" OR "peer respite" OR "positive behavioral intervention*" OR "positive behavioural intervention*" OR "positive behavioral intervention*" OR "respite care" OR safeward* OR "shared decision making" OR "studio iii" OR "comfort room" OR "post incident care" OR "post incident review" OR "6 core strateg*" OR "aggression replacement training" OR "assertive community treatment" OR "Behavioral emergency response team " OR "Children and Residential Experiences " OR "comfort room*" OR "family group conferenc*" OR "Juvenile Justice Anger Management" OR multifunc OR "no force first" OR "promoting risk intervention by situational management" OR resima OR "safepath " OR safeward* OR safe-ward* OR "six core strateg*" OR snoezelen OR terma OR "treatment foster care oregon" OR "Dialectical behavior therapy" OR "behavior modification program*" OR "Comprehensive behavioral management" OR "Behavioral management program" OR "Open door policy" OR "open door policies" OR "Positive alternatives to restraint and seclusion" OR "Child and family-centered care" OR "Milieu nurse" OR "milieu therapy" OR "Autism spectrum disorder care pathway" OR "Mindfulness based stress reduction" OR "Strength based care " OR "Strength based approach" OR "trauma-informed care" OR "care pathway" OR "Collaborative and proactive solutions" OR "Collaborative problem solving" OR "Rights based care" OR "secure | 55,769      |



|  |           |
|--|-----------|
| based care" OR "self admission" OR "brief admission" OR (Patient-Initiated ADJ admission)<br>OR (staff ADJ educat*) OR (staff ADJ training)).ti,ab,kw  |           |
| (Trauma-informed ADJ1 (approach* OR care OR recovery OR therapy)).ti,ab,kw   | 1,827     |
| (sensory ADJ1 (approach* OR assessment* OR method* OR modulation OR principles OR<br>room* OR strateg*)).ti,ab,kw  | 1,533     |
| ((("Patient-centred" OR "patient involvement" OR "patient participation") ADJ1 (planning OR<br>intervent* OR "communication skills")).ti,ab,kw   | 190       |
| 6 OR 7 OR 8 OR 9   | 63,634    |
| <b>Setting: child protective services/mental health services/correctional facilities</b>   |           |
| mental health services/ or community mental health services/ or emergency services,<br>psychiatric/ OR Hospitals, Psychiatric/ OR Psychiatric Department, Hospital/ OR exp<br>Correctional Facilities/ or Correctional Facilities Personnel/ or Criminal Behavior/ or<br>Criminal Psychology/ or Prisoners/ or Hospitals, Pediatric/ or Commitment of Mentally Ill/<br>or Custodial Care/ or Inpatients/   | 166,653   |
| (forensic* OR inpatient* OR in-patient* OR institution* OR ward* OR unit OR residential).ti  | 934,611   |
| ((inpatient OR in-patient*) ADJ1 (setting* OR unit* OR facility* OR treatment OR<br>ward*)).ti,ab  | 49,597    |
| (((psychiatric* OR mental ) ADJ1 ( unit* OR ward* OR hospital* OR facilit* OR department*<br>OR institution* OR inpatient* OR center OR centers OR centre OR centres OR setting* ) ) OR<br>"Treatment facility*" OR ((Hospital) ADJ3 (secur*)) OR ((Maximum OR High* OR medium OR<br>Low* OR Minimum OR forensic*) ADJ2 (secur*)) OR "secure psychiatric service*" OR<br>"secure psychiatric facilit*" OR "secure setting*" OR "secure hospital" OR "secure<br>psychiatric" OR "secure environment*" OR ( residential ADJ1 ( care OR childcare OR client*<br>OR facilit* OR home* OR program* OR provider* OR service* OR secure OR treatment* ) )<br>OR (Secure ADJ0 (accommodation OR care OR "children* home*" OR home OR homes OR<br>placement* OR residential OR "training centre*")) OR ((Correctional) ADJ1 (care OR facilit*<br>OR institut* OR rehabilitation OR setting* OR treatment* OR officer* OR staff OR worker*))<br>OR ((institut* OR unit*) ADJ2 (correction* OR juvenile* OR "young offender*" OR treatment<br>OR secluded OR secure OR forensic)) OR (detention ADJ0 home*) OR "special youth home*"<br>OR (compulsory ADJ1 care) OR jail* OR "penal institution*" OR penitentiary* OR<br>prison*).ti,ab,kw | 89,844    |
| 12 OR 13 OR 14 OR 15   | 1,147,243 |
| <b>Economic aspects (CADTH Narrow)<sup>3</sup></b>   |           |
| (CADHT *economics/ or exp *"costs and cost analysis"/ or *Economics, Pharmaceutical/ or<br>*Quality-Adjusted Life Years/ or "Costs and Cost Analysis"/ or Cost-Benefit Analysis/ or<br>Cost-Effectiveness Analysis/ or (economic adj2 model*).mp. or (cost minimi* or cost-utilit*<br>or health utilit* or economic evaluation* or economic review* or cost outcome or cost<br>analys?s or economic analys?s or budget* impact analys?s).ti,ab,kf,kw. or (cost-effective*<br>or pharmaco-economic* or pharmaco-economic* or cost-benefit or costs).ti,kf,kw. or (life<br>year or life years or qaly* or cost-benefit analys?s or cost-effectiveness analys?s).ab,kf,kw.<br>or ((cost or economic*).ti,kf. and (costs or cost-effectiveness or markov or monte carlo or<br>model or modeling or modelling).ab.)   | 309,757   |
| <b>Combined sets</b>   |           |
| 5 OR 11 (coercion OR interventions)  | 98,038    |
| <b>Final result</b>  |           |
| 16 AND 17 AND 18   | 345       |

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

.ab. = Abstract; .ab.ti. = Abstract or title; .af. = All fields; .bt. = Book title; 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; .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; \* =

<sup>3</sup> Adapted/translated from: Economic - Narrow - MEDLINE, Embase. In: CADTH Search Filters Database. Ottawa: CADTH; 2024: <https://searchfilters.cadth.ca/link/20>. Accessed 2024-01-30.

Focus (if found in front of a MeSH-term); \* **or** \$ = 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; # = replaces one letter

| Search terms   | Items found |
|--|-------------|
| <b>Outcome: Coercion (seclusion / restraint)</b>   |             |
| 5. (DE "Coercion") OR (DE "Involuntary Treatment")   | 5,714       |
| 6. TI (constrain OR constrained OR constraints OR containment OR involuntar* OR coercion* OR coerciv* OR coerced OR "non voluntary" OR nonvoluntary OR "restrictive practice*")  | 13,232      |
| 7. TI ( (constrain OR constrained OR constrains OR containment OR involuntar* OR compulsor* OR coercion* OR coerciv* OR coerced OR "noncoerc*" OR enforced OR forced OR forcibl* OR "non voluntary" OR restrictive ) N3 ( treat* OR interven* OR care OR caregiving OR admission* OR admit* OR commit* OR hospitaliz* OR hospitalis* OR interventions* OR patient* OR medicat* OR measure* OR method* OR prevent* OR power OR "behav* control" OR detention ) ) OR AB ( (constrain OR constrained OR constrains OR containment OR involuntar* OR compulsor* OR compulsion* OR coercion* OR coerciv* OR coerced OR enforced OR forced OR forcibl* OR "non voluntary" OR restrictive ) N3 ( treat* OR interven* OR care OR caregiving OR admission* OR admit* OR commit* OR hospitaliz* OR hospitalis* OR intervention* OR patient* OR medicat* OR measure* OR method* OR prevent* OR power OR "behav* control" OR detention ) ) | 13,932      |
| 8. AB ((coercion AND treatment) OR "noncoerc*")  | 1,380       |
| DE "Patient Seclusion"   | 697         |
| TI (Seclusion OR seclusions OR seclude*) OR AB (Seclusion OR seclusions OR seclude*)   | 2,015       |
| TX ((seclusion* OR seclud*) N3 (prevent* OR reduc* OR minimize* OR decrease*))   | 322         |
| TI (lock* N1 (bedroom OR door* OR setting* OR ward* OR room ) ) OR AB (lock* N1 (door* OR setting* OR ward* OR room ) )  | 332         |
| TX ("solitary confinement" OR "Care in solitude" OR "Constant observation" OR "continous observation" OR "suicide watch")  | 427         |
| TX (isolation N3 (booth* or room*))  | 97          |
| DE "Physical Restraint"  | 2,494       |
| TI restrain*   | 3,848       |
| TX ("physical constraint" OR "physical restraint")   | 2,992       |
| AB ((Restraine* N3 (prevent* OR reduc* OR minimize* OR decrease*)) OR TX ((Restraine* OR restrict* OR seclusion OR "punitive strateg*" OR coercive) N1 (prevent* OR reduc* OR minimize* OR decrease*))   | 2,133       |
| TI ((restraine*) N3 (treat* OR interven* OR care OR caregiving OR admission* OR admit* OR commit* OR hospitaliz* OR hospitalis* OR interventions* OR patient* OR medicat* OR measure* OR method* OR power OR "behav* control" OR detention)) OR AB ((restraine* OR constrain OR constrained OR constrains OR containment OR involuntar* OR compulsor* OR compulsion* OR coercion* OR coerciv* OR coerced OR enforced OR forced OR forcibl* OR "non voluntary") N3 (treat* OR interven* OR care OR caregiving OR admission* OR admit* OR commit* OR hospitaliz* OR hospitalis* OR intervention* OR patient* OR medicat* OR measure* OR method* OR power OR "behav* control" OR detention ) )  | 13,767      |
| TI ((restraine* OR coercion OR constrain OR constrained OR constrains) N3 (chemical* OR manual OR mechanical* OR medical OR physical* OR psychiatric)) OR AB ((restraine* OR coercion OR constrain OR constrained OR constrains) N3 (chemical* OR manual OR mechanical* OR medical OR physical* OR psychiatric))   | 2,900       |
| TI ((belt* OR environmental OR face-down OR limb* OR manual OR mask* OR pinel OR posey OR prone OR soft OR vest ) N1 restrain*) OR AB ((belt* OR environmental OR face-down OR limb* OR manual OR mask* OR pinel OR posey OR prone OR soft OR vest) N1 restrain*)  | 185         |
| TI (belt* N3 (emergency OR lap OR response OR restrictive OR wheelchair)) OR AB (belt* N3 (emergency OR lap OR response OR restrictive OR wheelchair))   | 51          |
| TI (belting OR "net bed*" OR straitjacket* OR strait-jacket*) OR AB (belting OR "net bed*" OR straitjacket* OR strait-jacket* OR bedrail* OR "bed side rails")   | 140         |
| TI (((held OR hold*) N2 (down OR secure OR tight*)) OR (put* W0 down) OR "physical hold*" OR "therapeutic hold*") OR AB(((held OR hold*) N0 (down OR secure OR tight*)) OR (put* W0 down) OR "physical hold*" OR "therapeutic hold*")  | 617         |

|   |        |
|---|--------|
| TX ("forced emergency medication" OR "forced medication" OR "pharmacological restraint" OR "chemical restraint" OR "rapid tranquilisation" or "rapid tranquilization" OR "Involuntary injection*" OR "forced injection*")   | 321    |
| 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 14 OR 15 OR 16 OR 17 OR 18 OR 19 OR 20 OR 21   | 37,575 |
| <b>Interventions</b>  |        |
| ((DE "Intervention" OR DE "Treatment Effectiveness Evaluation" OR DE "Crisis Intervention" OR DE "Interdisciplinary Treatment Approach" OR DE "Behavior Modification" OR DE "Dialectical Behavior Therapy" OR DE "Motivational Interviewing" OR DE "Models" OR DE "Clinical Models") AND (DE "Agitation" OR DE "Conflict" OR DE "Aggressive Behavior" OR DE "Safety" OR DE "Patient Safety"))   | 5,413  |
| TI ("acceptance and commitment therapy" OR "crisis card*" OR "crisis case management" OR "crisis intervention*" OR "crisis plan*" OR "crisis residential program*" OR "crisis resolution*" OR "crisis respite*" OR de-escalation OR deescalation OR "defusing skill*" OR "motivational interview*" OR "multisensory intervention*" OR "multi-sensory intervention*" OR "multisensory room*" OR "multi-sensory room*" OR "no power no lose" OR "non-violent resistance" OR "response team*" OR "open dialogue" OR "peer respite" OR "positive behavioral intervention*" OR "positive behavioural intervention*" OR "positive behavioral intervention*" OR "positive behavioral intervention*" OR "respite care" OR safeward* OR "shared decision making" OR "studio iii" OR "comfort room" OR "post incident care" OR post incident review") OR AB ("acceptance and commitment therapy" OR "crisis card*" OR "crisis case management" OR "crisis intervention*" OR "crisis plan*" OR "crisis residential program*" OR "crisis resolution*" OR "crisis respite*" OR de-escalation OR deescalation OR "defusing skill*" OR "motivational interview*" OR "multisensory intervention*" OR "multi-sensory intervention*" OR "multisensory room*" OR "multi-sensory room*" OR "no power no lose" OR "non-violent resistance" OR "response team*" OR "open dialogue" OR "peer respite" OR "positive behavioral intervention*" OR "positive behavioural intervention*" OR "positive behavioral intervention*" OR "respite care" OR safeward* OR "shared decision making" OR "studio iii" OR "comfort room" OR "post incident care" OR post incident review") | 7,091  |
| TI (sensory N1 (approach* OR assessment* OR method* OR modulation OR principles OR room* OR strateg*)) OR AB (sensory N1 (approach* OR assessment* OR method* OR modulation OR principles OR room* OR strateg*))  | 1,818  |
| TI ((aggressi* OR conflict* OR violen*) N2 (containment OR manage* OR minimi#ation OR prevent* OR resolution OR resolv* OR reduc*)) OR AB ((aggressi* OR conflict* OR violen*) N2 (containment OR manage* OR minimi#ation OR prevent* OR resolution OR resolv* OR reduc*))  | 31,669 |
| TI (staff N3 (educat* OR ratio* OR training)) OR AB (staff N3 (educat* OR ratio* OR training)) OR DE "Professional Development" OR DE "Continuing Education" OR DE "Mental Health Inservice Training"   | 38,150 |
| TI ("6 core strateg*" OR "aggression replacement training" OR "assertive community treatment" OR "Behavioral emergency response team" OR "Children and Residential Experiences" OR "comfort room*" OR "family group conferenc*" OR "Juvenile Justice Anger Management" OR multifunc OR "no force first" OR "promoting risk intervention by situational management" OR resima OR "safepath" OR "REsTRAIN Yourself" OR safeward* OR safe-ward* OR "six core strateg*" OR snoezelen OR terma OR "treatment foster care oregon" OR "Dialectical behavior therapy" OR "behavior modification program*") OR AB ("6 core strateg*" OR "agression replacement training" OR "assertive community treatment" OR "Behavioral emergency response team" OR "Children and Residential Experiences" OR "comfort room*" OR "family group conferenc*" OR "Juvenile Justice Anger Management" OR multifunc OR "no force first" OR "promoting risk intervention by situational management" OR resima OR "safepath" OR "REsTRAIN Yourself" OR safeward* OR safe-ward* OR "six core strateg*" OR snoezelen OR terma OR "treatment foster care oregon" OR "Dialectical behavior therapy" OR "behavior modification program*")   | 4,032  |
| TX("Comprehensive behavioral management" OR "Behavioral management program" OR "Open door policy" OR "open door policies" OR "Positive alternatives to restraint and seclusion" OR "Child and family-centered care" OR "Milieu nurse" OR "milieu therapy" OR "Autism spectrum disorder care pathway" OR "Mindfulness based stress reduction" OR "Strength based care" OR "Strength based approach" OR "trauma-informed care" OR "care   | 8,741  |

|   |         |
|---|---------|
| pathway" OR "Collaborative and proactive solutions" OR "Collaborative problem solving" OR "Rights based care" OR "secure based care" OR (Trauma-informed W1 (approach OR care OR practice OR intervention OR system OR measure* OR question* OR survey OR checklist OR assessment OR evaluation)))  |         |
| TI(("Patient-centred" OR "patient involvement" OR "patient participation") AND (planning OR intervent* OR "communication skills")) OR AB (("Patient-centred" OR "patient involvement" OR "patient participation") N3 (planning OR intervent* OR "communication skills"))  | 218     |
| TX ("self admission" OR "brief admission") OR (DE "Self-Referral" AND DE "Psychiatric Hospital Admission")  | 67      |
| 23 OR 24 OR 25 OR 26 OR 27 OR 28 OR 29 OR 30 OR 31  | 95,058  |
| <b>Setting: child protective services/mental health services/correctional facilities/forensic insitutions</b>   |         |
| DE "Psychiatric Hospitals" OR DE "Psychiatric Units" OR DE "Psychiatric Patients" OR DE "Adolescent Psychiatry" OR DE "Child Psychiatry" OR DE "Psychiatric Hospital Programs" OR DE "Psychiatric Hospitalization" OR DE "Treatment Facilities" OR (DE "Facilities" AND (DE "Mental Disorders"))  | 59,484  |
| TI (Inpatient* OR in-patient* OR institution* OR ward* OR unit OR residential) OR AB ((inpatient OR in-patient*) N1 (setting* OR unit* OR facility* OR treatment OR ward*))   | 300,741 |
| TI ((psychiatric* OR mental) N1 (unit* OR ward* OR hospital* OR facilit* OR department* OR institution* OR inpatient* OR center OR centers OR centre OR centres OR setting*)) OR AB ((psychiatric* OR mental) N1 (unit* OR ward* OR hospital* OR facilit* OR department* OR institution* OR inpatient* OR center OR centers OR centre OR centres OR setting*)) OR TX ("Treatment facilit*") | 61,176  |
| DE "Forensic Psychiatry"  | 8,831   |
| TI(Forensic*) OR AB(forensic*)  | 21,727  |
| TX ((Hospital) N3 (secur*))   | 1,359   |
| TX ((Maximum OR High* OR medium OR Low* OR Minimum OR forensic*) W2 (secur*))   | 4,543   |
| TX ("secure psychiatric service*" OR "secure psychiatric facilit*" OR "secure setting*" OR "secure hospital" OR "secure psychiatric" OR "secure environment*")  | 1,240   |
| DE "Residential Care Institutions" OR DE "Reformatories" OR DE "Incarceration" OR DE "Incarcerated" OR DE "Juvenile Delinquency" OR ((DE "Facilities") AND (DE "Juvenile Justice" OR DE "Legal Detention"))   | 51,393  |
| TI (residential N1 (care OR childcare OR client* OR facilit* OR home* OR program* OR provider* OR service* OR secure OR treatment*)) OR AB (residential N1 (care OR childcare OR client* OR facilit* OR home* OR program* OR provider* OR service* OR secure OR treatment*))  | 15,233  |
| TX (Secure N0 (accommodation OR care OR "children* home*" OR home OR homes OR placement* OR residential OR "training centre*"))   | 538     |
| TI ((Correctional) N1 (care OR facilit* OR institut* OR rehabilitation OR setting* OR treatment* OR officer* OR staff OR worker*)) OR AB ((Correctional) N1 (care OR facilit* OR institut* OR rehabilitation OR setting* OR treatment* OR officer* OR staff OR worker*))  | 5,606   |
| TI ((institut* OR unit*) N2 (correction* OR juvenile* OR "young offender*" OR treatment OR secluded OR secure OR forensic)) OR AB ((institut* OR unit*) N2 (correction* OR juvenile* OR "young offender*" OR treatment OR secluded OR secure OR forensic))  | 7,061   |
| TX ((detention W0 home*) OR "special youth home*" OR (compulsory N1 care) OR "emergency shelter*" OR "short-term care facilit*")  | 594     |
| DE "Prisons" OR DE "Correctional Institutions" OR DE "Institutional Schools"  | 14,557  |
| TI (jail* OR "penal institution*" OR penitentiary* OR prison*) OR AB (jail* OR "penal institution*" OR penitentiary* OR prison*)  | 30,806  |
| 33 OR 34 OR 35 OR 36 OR 37 OR 38 OR 39 OR 40 OR 41 OR 42 OR 43 OR 44 OR 45 OR 46 OR 47 OR 48  | 452,033 |
| <b>Economic aspects (Search Filter: CADTH Narrow<sup>4</sup>)</b>   |         |
| (MM "Economics" OR DE "Costs and Cost Analysis" OR MM "Budgets" OR MM "Cost Containment" OR MM "Health Care Costs" OR MM "Health Care Economics" OR MM "Pharmacoeconomics" OR TX (economic N1 model*) OR TI ("cost minimi*" OR cost-utilit* OR  | 71,482  |

"health utilit\*" or "economic evaluation\*" or "economic review\*" or "cost outcome" or "cost analys#s" or "economic analys#s" or "budget\* impact analys#s" ) OR AB ( "cost minimi\*" or cost-utilit\* or "health utilit\*" or "economic evaluation\*" or "economic review\*" or "cost outcome" or "cost analys#s" or "economic analys#s" or "budget\* impact analys#s" ) OR KW ( "cost minimi\*" or cost-utilit\* or "health utilit\*" or "economic evaluation\*" or "economic review\*" or "cost outcome" or "cost analys#s" or "economic analys#s" or "budget\* impact analys#s" ) OR TI (cost-effective\* or pharmacoeconomic\* or pharmaco-economic\* or cost-benefit or costs) OR KW (cost-effective\* or pharmacoeconomic\* or pharmaco-economic\* or cost-benefit or costs) OR AB ("life year" or "life years" or qaly\* or "cost-benefit analys#s" or "cost-effectiveness analys#s") OR KW ("life year" or "life years" or qaly\* or "cost-benefit analys#s" or "cost-effectiveness analys#s") OR ((TI ( cost or economic\* ) OR KW ( cost or economic\* )) AND AB ( costs or cost-effectiveness or markov or "monte carlo" or model or modeling or modelling)))

|   |         |
|---|---------|
| <b>Combined sets</b>  |         |
| 22 OR 32 ( <i>coercion or interventions</i> )                   | 130,899 |
| 49 AND 50 AND 51  | 310     |
| <b>Final result</b>   |         |
| 52 AND Limiters - Peer Reviewed; Document Type: Journal Article | 245     |

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

**AB** = Abstract; **AU** = Author; **DE** = Term from the thesaurus; **KW** (Available in Academic Search Premiere / SocINDEX / PsycInfo) = Author keyword; **MH** = Exact Subject Heading from CINAHL Subject Headings; **MM** = Major Concept; **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; **ZC** = Methodology Index; \* = 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

Scopus via Elsevier 19 February 2025

Title: coercive methods (seclusion/restraint) -economic aspects

| Search terms  | Items found |
|---|-------------|
| <b>Outcome: Coercion (seclusion / restraint)</b>  |             |
| 9. TITLE((restrain* OR "restrictive practice*" OR seclusion OR seclusions OR seclude*) AND (prevent* OR reduc* OR minimize* OR decrease* OR treat* OR interven* OR care OR caregiving OR admission* OR admit* OR commit* OR episodes OR hospitaliz* OR hospitalis* OR interventions* OR patient* OR medicat* OR measure* OR method* OR practices OR prevent* OR power OR techniques OR "behav* control" OR detention OR violence OR mental)) OR ("coercive measures" OR "Coercive violence" OR "Coercive practices" OR "Coercive techniques" OR "Coercive episodes")  | 7,681       |
| TITLE-ABS-KEY((coercive OR constrain OR constrained OR constrains OR containment OR involuntar* OR compulsor* OR compulsion* OR coercion* OR coerciv* OR coerced OR enforced OR forced OR forcibl* OR "non voluntary" OR restrictive OR seclusion OR seclusions OR secluded OR "restrictive practice*") W/1 (prevent* OR reduc* OR minimize* OR decrease* OR treat* OR interven* OR care OR caregiving OR admission* OR admit* OR commit* OR episodes OR hospitaliz* OR hospitalis* OR interventions* OR patient* OR medicat* OR measure* OR method* OR practices OR prevent* OR power OR techniques OR "behav* control" OR detention OR violence))       | 70,138      |
| TITLE-ABS-KEY ({Chemical restraint} OR {Manual restraint} OR {Mechanical restraint} OR {Medical restraint} OR {Physical restraint} OR {Solitary confinement} OR {Care in solitude} OR {Isolation room} OR {isolation booth} OR {Constant observation} OR {continous observation} OR {suicide watch} OR belting OR "net bed*" OR straitjacket* OR strait-jacket* OR "physical hold*" OR "therapeutic hold*" OR {forced emergency medication} OR {forced medication} OR {pharmacological restraint} OR {chemical restraint} OR {rapid tranquilisation} OR {rapid tranquilization} OR "Involuntary injection*" OR "forced injection*" OR {Therapeutic hold}) | 8,006       |
| 1 OR 2 OR 3   | 81,810      |
| <b>Setting: Child protective services/mental health services/correctional facilities</b>  |             |
| TITLE(forensic OR inpatient OR inpatients OR in-patient OR in-patients OR residential)  | 986,133     |
| TITLE((institution* OR ward* OR unit) AND (psychiatric))  | 5,038       |
| TITLE-ABS-KEY ((inpatient OR in-patient*) W/1 (setting* OR unit* OR facility* OR treatment OR ward*))   | 95,318      |
| TITLE-ABS-KEY((psychiatric* OR mental ) W/1 (unit* OR ward* OR hospital* OR facilit* OR department* OR institution* OR inpatient* OR center OR centers OR centre OR centres OR setting*))   | 99,870      |
| TITLE-ABS-KEY(((maximum OR high* OR medium OR low* OR minimum OR forensic*) W/1 (secur* )) W/1 (prison OR hospital OR unit* OR ward*))  | 2,135       |
| TITLE-ABS-KEY (residential PRE/1 (care OR childcare OR client* OR facilit* OR home* OR program* OR provider* OR service* OR secure OR treatment*))  | 40,882      |
| TITLE-ABS-KEY ( ( secure ) PRE/0 ( accommodation OR care OR children* OR home OR homes OR placement* OR residential OR "training centre*" ) )   | 1,074       |
| TITLE-ABS-KEY((Correctional) PRE/1 (care OR facilit* OR institut* OR rehabilitation OR setting* OR treatment* OR officer* OR staff OR worker*))   | 10,728      |
| TITLE-ABS-KEY((institut* OR unit*) W/2 (correction* OR juvenile* OR "young offender*" OR treatment OR secluded OR secure OR forensic))  | 35,406      |
| TITLE-ABS-KEY((detention PRE/0 home*) OR (compulsory W/1 care))   | 387         |
| TITLE-ABS-KEY("Treatment facility*" OR "Secure forensic" OR "psychiatric hospital" OR "psychiatric hospitals" OR "forensic hospital" OR "forensic hospitals" OR "secure psychiatric service*" OR "secure psychiatric facilit*" OR "secure setting*" OR "secure hospital" OR "secure psychiatric" OR "secure environment*" OR "special youth home*" OR jail* OR "penal institution*" OR penitentiary* OR prison*)  | 130,684     |
| 5 OR 6 OR 7 OR 8 OR 9 OR 10 OR 11 OR 12 OR 13 OR 14 OR 15   | 1,301,942   |

**Economic aspects (Search filter: CADHT Narrow)<sup>5</sup>**

|  |         |
|--|---------|
| ((TITLE-ABS-KEY(economic W/1 model*)) OR (TITLE("cost minimi*" OR cost-utilit* OR "health utilit*" OR "economic evaluation*" OR "economic review*" OR "cost outcome" OR "cost analysis" OR "cost analyses" OR "economic analysis" OR "economic analyses" OR "budget* impact analysis" OR "budget* impact analyses"))) OR (AUTHKEY("cost minimi*" OR cost-utilit* OR "health utilit*" OR "economic evaluation*" OR "economic review*" OR "cost outcome" OR "cost analysis" OR "cost analyses" OR "economic analysis" OR "economic analyses" OR "budget* impact analysis" OR "budget* impact analyses"))) OR (TITLE(cost-effective* OR pharmacoeconomic* OR pharmaco-economic* OR cost-benefit OR costs)) OR (AUTHKEY(cost-effective* OR pharmacoeconomic* OR pharmaco-economic* OR cost-benefit OR costs)) OR (ABS("life year" OR "life years" OR qaly* OR "cost-benefit analysis" OR "cost-benefit analyses" OR "cost-effectiveness analysis" OR "cost-effectiveness analyses")) OR (AUTHKEY("life year" OR "life years" OR qaly* OR "cost-benefit analysis" OR "cost-benefit analyses" OR "cost-effectiveness analysis" OR "cost-effectiveness analyses")) OR (((TITLE(cost OR economic*)) OR (AUTHKEY(cost OR economic*))) AND (ABS(costs OR cost-effectiveness OR markov OR "monte carlo" OR model OR modeling OR modelling)))) | 780,396 |
| <b>Final result</b>  |         |
| 4 AND 16 AND 17  | 83      |

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

**TITLE-ABS-KEY** = Title or abstract or keywords; **ALL** = All fields; **PRE/n** = "precedes by". The first term in the search must precede the second by a specified number of terms (n).; **W/n** = "Within". The terms in the search must be within a specified number of terms (n) in any order.; \* = Truncation; " " = Citation Marks; searches for a phrase; ? = replaces one letter;

**LIMIT-TO (SRCTYPE, "j")** = Limit to source type journal; **LIMIT-TO (DOCTYPE, "ar")** = Limit to document type article; **LIMIT-TO (DOCTYPE, "re")** = Limit to document type review

<sup>5</sup> Adapted/translated from: Economic - Narrow - MEDLINE, Embase. In: CADTH Search Filters Database. Ottawa: CADTH; 2024: <https://searchfilters.cadth.ca/link/20>. Accessed 2024-01-30.