Mental health intervention research in Latin American correctional settings: A scoping review

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Contributions: Concept and design was done by all authors. LB screened the literature and extracted the data. Unclear studies were discussed between LB and APM. The manuscript was written by LB and APM. All authors revised and approved the final manuscript.

Funding: Not applicable.

Competing interest: The authors do not declare any conflict of interest.
Abstract

Background: The Latin American prison population has grown faster than anywhere else globally over the past two decades, reaching a total of 1.7 million people at any given time. However, research on mental health prevention and treatment interventions in Latin American prisons remains scarce.

Aims: This study aimed to systematically review and synthesize research on prison mental health interventions conducted in the region.

Methods: We used a two-stage scoping review design guided by the JBI Manual for Evidence Synthesis. Searches took place in December 2021 in nine databases using descriptors and synonyms. First, all prison mental health research in Latin America was retained. Secondly, using title and abstract screening, all research possibly related to interventions was retained for full text evaluation. Studies reporting interventions were assessed by country, language, institution, population, intervention type, intervention focus and outcomes.

Results: N=34 studies were included in this review. These were 13 case reports, 7 expert consensus papers and 14 quantitative studies (4 randomized controlled trials, 9 cohort studies, 1 quasi-experimental study). Fourteen interventions were targeted at promoting prosocial behaviour, 7 studies each aimed to improve mental health and to treat substance use disorders. Six studies involved the treatment of sexual offending behaviour, and 3 focused on reducing criminal recidivism. Psychoeducation (n=12) and motivational interviewing (n=5) were the most frequent intervention types studied. Promising data from trials showed that anger management, depression, substance use and reoffending could be successfully addressed through interventions.

Conclusions: Implementation and effectiveness research of mental health interventions in Latin American prisons is scarce. Addressing mental health, substance use and prosocial behaviour outcomes
should be considered in future research. There is a particular dearth of controlled trials describing quantifiable outcomes.

Keywords: mental health, prison, criminal, psychiatry
Background

The world prison population, including people held in pre-trial detention and those being held under authorities that are not internationally recognized, likely exceeds 11.5 million people at any time (Walmsey, 2021). Latin America and the Caribbean (LAC) has the world’s fastest growing prison population over the past two decades and now has 1.74 million prisoners. The average prison population rate in the region is 265 per 100,000, almost twice the global average (Forrester et al., 2023). Prison occupancy levels are high, exceeding 100% in 24 out of the 33 countries in the region, rising to 454% in Haiti (Walmsey, 2021). Similarly, inmate to staff ratios, which range in Europe from 0.3 to 4.3, reach 23.4 in Panama, and are on average 8.4 for the reported countries in LAC (Carranza, 2014). Several studies in the region have shown high prevalence rates for severe mental illness (Baranyi et al., 2019; Fazel & Seewald, 2012), while the prevalence of mental health and substance use disorders at reception is particularly high (Andreoli et al., 2014; Mundt et al., 2013; Mundt et al., 2016). Diagnostic comorbidities involving mental health, substance use and personality disorders are common (Baranyi et al., 2022; Mundt & Baranyi, 2020). Effective mental health services in prisons are therefore a public health and human rights imperative (UN, 1957).

For some individuals, incarceration allows a first contact to take place with mental health services, and access to treatment during imprisonment would result in health improvements during and after imprisonment (Forrester et al., 2018). According to the latest report by the World Health Organization, half of the countries in Central America, South America and the Caribbean report that no more than 20% of prisons offer any form of mental health services (World Health Organization-AIMS Regional Report on Mental Health Systems in Latin America and the Caribbean, 2013).

Throughout Latin America, it is unclear what type of mental health interventions are delivered and in what circumstances, whether implementation and effectiveness have been researched and what outcomes were used to study these interventions. An overview of all intervention research conducted in Latin American prisons has not yet been conducted.

The aim of this scoping review was to systematically assess and synthesize studies reporting mental health interventions in correctional settings of Latin America and the Caribbean.
Methods

We adopted the scoping review methodology described in the JBI Manual for Evidence Synthesis and followed the PRISMA-ScR Checklist (Andrea C. Tricco, 2018; Peters MDJ, 2020) for reporting the review. This consists of nine steps: (1) defining and aligning the objective/s and question/s; (2) developing and aligning the inclusion criteria with the objective/s and question/s; (3) describing the planned approach to evidence searching, selection, data extraction, and presentation of the evidence; (4) searching for the evidence; (5) selecting the evidence; (6) extracting the evidence; (7) analysis of the evidence; (8) presentation of the results; (9) summarizing the evidence in relation to the purpose of the review, making conclusions and noting any implications of the findings. The objectives, inclusion criteria and methods for this scoping review were specified *a priori* and documented in a protocol. The review protocol was discussed in the international research team and approved by all members prior to conducting the review.

**Inclusion and exclusion criteria, search string and sources**

Inclusion criteria were developed according to the broad approach of our study aim. Through database searches, all studies relating to the *population* (i.e., individuals in prison, people with convictions, people involved with the criminal justice system, all age groups, all genders, all types of offences), *concept* (psychological, mental health problem or mental illness) and *context* (countries in Latin America and the Caribbean) were identified. All correctional settings were eligible for inclusion. Participants in closed and open-regime prison settings, on parole, or other substitutive correctional settings were included. Inclusion criterion was having been sentenced for any legal offence. All study designs were included. Populations not involved with criminal justice settings were excluded, as this review focused on vulnerable criminal justice populations affected by the increasing incarceration rates in Latin America (Walmsey, 2021). The study population presents high burden of mental disorders and intervention needs. It should thus receive more participation in research. The review focuses on mental health, which is central to the social rehabilitation and recidivism of the individuals (Durcan G. & Zwemstra, 2014; Wallace & Wang, 2020). Studies exclusively addressing other diseases, that play an important role in the prison context, such as infectious diseases, were excluded. Though culturally diverse, the Latin American and Caribbean countries form a region with several similarities and scarcity...
in criminal justice systems (Forrester et al., 2023), thus countries from other world regions were excluded.

All studies from inception of the databases to November 2021 were considered for inclusion. We did not apply any language restrictions. As recommend in the JBI Manual, a three-step search was applied (Peters MDJ, 2020). In the first step, a limited search was conducted in the database PubMed. This was followed by an analysis of the text words contained in the title and abstract of the retrieved papers, and of the index terms used to describe the articles. A systematic search using the identified keywords and index terms was undertaken across the following databases on the 6th of December 2021: PubMed, PsycInfo, Scielo, Web of Science, PsycArticles, PubPsych, WHO Global Index Medicus and BVSalud. The search string was developed based on the inclusion criteria and adapted for the different databases. The same keywords were used in all databases. Search strings differed only due to database specific connectors or highlighting techniques. All keywords were used in English. The search strings used in each database are shown in Appendix 1. Additionally, the reference lists of all included reports and articles were screened.

Two-step screening

We applied a two-step screening process. This was necessary to avoid missing relevant literature because of too narrow search terms. In the first step, all studies relating to mental health in Latin American prisons were retained by LB. All publications identified with the searches were imported to EndNote. Duplicates were removed, then titles and abstracts were screened by LB. Studies excluded in the first step did not match the inclusion criteria for the a) prison population, b) mental health study concept or c) the geographical context of Latin America or the Caribbean. In the following step, among the retained mental health publications, all studies referring to interventions were retained and assessed for eligibility by full-text-screening. Uncertainties were discussed by AM and LB to ensure consistent application of the inclusion criteria. Sufficient reading proficiency in Spanish, Portuguese and English is present in the research team.

Data extraction

A data extraction template was designed *a priori* by AM and LB to systematically extract the data from all relevant research. This included title, author, publication year, country of research, objective of the
study, participants (number, demographic characteristics, criminal variables), concept of the
intervention context in which the study was conducted, key results of the study, and study design.

**Data analysis**

Studies were sorted by type of population, country, institutional context, type of intervention and
outcome variable. Descriptive frequency analyses were computed and visualized in bar graphs. A
narrative synthesis was used to describe intervention types, objectives and outcomes.

**Quality appraisal**

We used the four critical appraisal checklists for RCTs, quasi-experimental Studies, cohort studies and
case series, available on the JBI website to assess the quality of the included studies (Aromataris et al.,
2015; Moola et al., 2020; Munn et al., 2020; Tufanaru et al., 2020). Specific checklists for the different
study types were used. The checklist for controlled trials evaluates 13 items. The higher scores for these
studies were in line with the higher level of evidence typically reached with this research design.

**Results**

**Screening**

Searches in the eight databases yielded 12,958 records (PubMed 1,734, PubPsych 692, PsycArticles 87,
PsycInfo 2,630, Scielo 479, WHO Global Index Medicus 1,100, BVSalud 4,598, Web of Science 1,638).
A total of 8,158 titles and abstracts were screened after the removal of duplicates. The first screening
step led to 1,327 articles related to mental health. We continued with the second screening step focusing
on the mental health intervention studies (N = 99). A total of 34 articles were retained and included after
full text screening.

**Figure 1.** Preferred Reporting Items for Systematic Reviews and Meta-Analyses extension for Scoping
Reviews (PRISMA-ScR) flow diagram (Andrea C. Tricco, 2018)
The included studies were categorized by country, language, study design, type of institution, population type of intervention, and outcome. Most of the studies were from Brazil (N=14) (Amorim-Gaudêncio et al., 2017; Andretta & Oliveira, 2011; Andretta & Oliveira, 2008; Billand & Paiva, 2017; Café & Nascimento, 2012; Costa et al., 2011; Costa et al., 2020; das Neves et al., 2017; Meneses, 2016; Oliveira et al., 2010; Rodrigues, 2020; Said, 2019; Santos et al., 2010; Zambom et al., 2011), followed by Chile (N=6) (Barrientos-Low & Escaff-Silva, 2018; Huber et al., 2020; Isla & Miranda, 2019; Livacic-Rajas et al., 2004; Mundt et al., 2019; Saez et al., 2018). Three studies were from Colombia (Avendaño Castro et al., 2020; Barrera-Valencia et al., 2017; Palomino et al., 1991) and Mexico, respectively (Corchado-Vargas, 2016; Noriega Gayol, 1995; Vera & Sosa, 2015). Two studies were carried out in Costa Rica (Chacón & Cueva, 2014; Mora-Arias et al., 2020) and Trinidad and Tobago (Hutchinson et al., 2017; Spence, 2019), and one was from each of Argentina (Romero et al., 2018), Ecuador (Gomez & Banegas, 2018), Peru (Riega-Virú & Tataje-Véliz, 2020) and Honduras (Capellan et al., 2020). No studies were included from the other 22 LAC countries.
Thirteen studies were available in Spanish (Avendaño Castro et al., 2020; Barrientos-Low & Escaff-Silva, 2018; Chacón & Cueva, 2014; Corchado-Vargas, 2016; Gomez & Banegas, 2018; Huber et al., 2020; Isla & Miranda, 2019; Livacic-Rajas et al., 2004; Mora-Arias et al., 2020; Palomino et al., 1991; Riega-Virú & Tataje-Véliz, 2020; Saez et al., 2018; Vera & Sosa, 2015), 11 in Portuguese (Amorim-Gaudêncio et al., 2017; Andretta & Oliveira, 2011; Andretta & Oliveira, 2008; Billand & Molinier, 2017; Costa et al., 2011; das Neves et al., 2017; Meneses, 2016; Oliveira et al., 2010; Rodrigues, 2020; Said, 2019; Zambom et al., 2011) and 10 in English (Barrera-Valencia et al., 2017; Café & Nascimento, 2012; Capellan et al., 2020; Costa et al., 2020; Hutchinson et al., 2017; Mundt et al., 2019; Noriega Gayol, 1995; Romero et al., 2018; Santos et al., 2010; Spence, 2019). In all, N=24, 71% of the studies were only available in Spanish or Portuguese.

Studies were categorized by study type based on the “JBI Levels of Evidence” (Joanna Briggs Institute Levels of Evidence and Grades of Recommendation Working Party, 2013). Four studies fulfilled the criteria of randomized controlled trials, with sample sizes ranging from 57 to 106 study participants (Barrera-Valencia et al., 2017; Capellan et al., 2020; Hutchinson et al., 2017; Spence, 2019). One study had a non-randomized, quasi-experimental design with intervention and control groups (n=48) (Andretta & Oliveira, 2011). There were nine cohort studies (Andretta & Oliveira, 2008; Huber et al., 2020; Livacic-Rajas et al., 2004; Mora-Arias et al., 2020; Oliveira et al., 2010; Riega-Virú & Tataje-Véliz, 2020; Santos et al., 2010; Vera & Sosa, 2015; Zambom et al., 2011) that reported pre- and post-test comparisons using quantitative outcomes. 13 studies were designed as case series with a mainly qualitative description of the intervention and the perceived changes (Amorim-Gaudêncio et al., 2017; Avendaño Castro et al., 2020; Barrientos-Low & Escaff-Silva, 2018; Billand & Paiva, 2017; Café & Nascimento, 2012; Costa et al., 2011; Costa et al., 2020; Gomez & Banegas, 2018; Mundt et al., 2019; Noriega Gayol, 1995; Palomino et al., 1991; Rodrigues, 2020; Romero et al., 2018). Seven studies were classified as expert opinion or consensus, because of their approach to interview different professional actors (psychiatrists, psychologists, social workers, etc.) to identify important aspects of interventions applied in prisons (Chacón & Cueva, 2014; Corchado-Vargas, 2016; das Neves et al., 2017; Isla & Miranda, 2019; Meneses, 2016; Saez et al., 2018; Said, 2019).
As regards the institutional context of the studies, 21 were conducted in prisons (Andretta & Oliveira, 2008; Avendaño Castro et al., 2020; Barrera-Valencia et al., 2017; Billand & Paiva, 2017; Café & Nascimento, 2012; Chacón & Cueva, 2014; Corchado-Vargas, 2016; Costa et al., 2011; Costa et al., 2020; Gomez & Banegas, 2018; Huber et al., 2020; Hutchinson et al., 2017; Mora-Arias et al., 2020; Noriega Gayol, 1995; Palomino et al., 1991; Riega-Virú & Tataje-Véliz, 2020; Rodrigues, 2020; Saez et al., 2018; Said, 2019; Santos et al., 2010; Vera & Sosa, 2015), two in open regime correctional centers (Amorim-Gaudêncio et al., 2017; Romero et al., 2018) and three in various settings working with persons on parole or recently released from prison (Capellan et al., 2020; Meneses, 2016; Mundt et al., 2019). Eight studies were undertaken in non-prison educational care centers (Andretta & Oliveira, 2011; Barrientos-Low & Escaff-Silva, 2018; das Neves et al., 2017; Isla & Miranda, 2019; Livacic-Rajas et al., 2004; Oliveira et al., 2010; Spence, 2019; Zambom et al., 2011). Participants were required to take part in these psychosocial and educational treatment programs after or instead of going to prison based on convictions for different types of offences. All interventions conducted by external bodies inside of prison were included in the prison category.

**Sociodemographics of the participant populations**

The study populations included juvenile offender populations in 15 studies (Andretta & Oliveira, 2011; Andretta & Oliveira, 2008; Avendaño Castro et al., 2020; Barrientos-Low & Escaff-Silva, 2018; Corchado-Vargas, 2016; Costa et al., 2011; Costa et al., 2020; Gomez & Banegas, 2018; Isla & Miranda, 2019; Livacic-Rajas et al., 2004; Oliveira et al., 2010; Saez et al., 2018; Santos et al., 2010; Spence, 2019; Zambom et al., 2011) and adults with criminal justice involvement in 11 studies (Amorim-Gaudêncio et al., 2017; Barrera-Valencia et al., 2017; Capellan et al., 2020; Chacón & Cueva, 2014; Hutchinson et al., 2017; Meneses, 2016; Mundt et al., 2019; Riega-Virú & Tataje-Véliz, 2020; Rodrigues, 2020; Romero et al., 2018; Vera & Sosa, 2015). Five articles were limited to male adults (Billand & Paiva, 2017; Café & Nascimento, 2012; das Neves et al., 2017; Mora-Arias et al., 2020; Said, 2019), and three exclusively addressed females (Huber et al., 2020; Noriega Gayol, 1995; Palomino et al., 1991). One study was focused on mothers with infants (Huber et al., 2020). The mean sample size across all populations was 39 (SD = 34). In the mixed gender adults study populations, the mean sample
size was the highest with 63 (range: 17 - 127), followed by female adults (31, range: 6 - 60). Studies with juvenile offender populations had a mean sample size of 32 (range: 4 - 103).

Regarding convictions, 15 studies were conducted in populations with any type of offences (Amorim-Gaudêncio et al., 2017; Avendaño Castro et al., 2020; Corchado-Vargas, 2016; Hutchinson et al., 2017; Livacic-Rajas et al., 2004; Mora-Arias et al., 2020; Mundt et al., 2019; Noriega Gayol, 1995; Palomino et al., 1991; Riega-Virú & Tataje-Véliz, 2020; Rodrigues, 2020; Romero et al., 2018; Saez et al., 2018; Spence, 2019; Vera & Sosa, 2015). People charged with sexual offences were included in six studies (Barrientos-Low & Escaff-Silva, 2018; Café & Nascimento, 2012; Costa et al., 2011; Costa et al., 2020; Meneses, 2016; Said, 2019), and people who committed gender violence were recruited in two studies (Billand & Paiva, 2017; das Neves et al., 2017).

Distributions are shown in Figure 2.

**Figure 2.** Number of studies by population.

### Intervention type

One or more intervention types and settings were attributed to each study. The distribution can be seen in Figure 3. The most frequent intervention types were psychoeducation (N=12) (Avendaño Castro et al., 2020; Chacón & Cueva, 2014; Corchado-Vargas, 2016; Costa et al., 2011; das Neves et al., 2017; Isla & Miranda, 2019; Meneses, 2016; Palomino et al., 1991; Saez et al., 2018; Said, 2019; Santos et al., 2010; Vera & Sosa, 2015), motivational interviewing (N=5) (Andretta & Oliveira, 2011; Andretta & Oliveira, 2008; Oliveira et al., 2010; Vera & Sosa, 2015; Zambom et al., 2011), cognitive behavioural therapy (CBT; N=5) (Amorim-Gaudêncio et al., 2017; Barrientos-Low & Escaff-Silva, 2018; Capellan...
et al., 2020; Huber et al., 2020; Hutchinson et al., 2017), psychodrama (N=4) (Café & Nascimento, 2012; Costa et al., 2020; Mundt et al., 2019; Rodrigues, 2020) and social skills programs (N=4) (Amorim-Gaudêncio et al., 2017; Livacic-Rajas et al., 2004; Noriega Gayol, 1995; Spence, 2019). Other approaches were only used in one single study each, medication (Barrera-Valencia et al., 2017), hypnotherapy (Gomez & Banegas, 2018), animal assisted therapy (Romero et al., 2018), meditation (Mora-Arias et al., 2020), modeling technique (Riega-Virú & Tataje-Véliz, 2020) and self-reparenting (Noriega Gayol, 1995). Group settings were used in 10 of the intervention studies (Barrientos-Low & Escaff-Silva, 2018; Billand & Paiva, 2017; Capellan et al., 2020; Chacón & Cueva, 2014; Costa et al., 2011; Huber et al., 2020; Hutchinson et al., 2017; Meneses, 2016; Said, 2019; Santos et al., 2010) and a telepsychiatry setting in one (Barrera-Valencia et al., 2017).

**Intervention targets**

The intervention objectives related to promoting prosocial behaviour in 14 studies, representing 41% (Amorim-Gaudêncio et al., 2017; Avendaño Castro et al., 2020; Billand & Paiva, 2017; Corchado-Vargas, 2016; das Neves et al., 2017; Hutchinson et al., 2017; Livacic-Rajas et al., 2004; Palomino et al., 1991; Riega-Virú & Tataje-Véliz, 2020; Romero et al., 2018; Saez et al., 2018; Spence, 2019; Vera & Sosa, 2015) such as anger management, reducing antisocial attitudes, and social abilities programs. Treating persons with substance use disorder (Andretta & Oliveira, 2011; Andretta & Oliveira, 2008; Gomez & Banegas, 2018; Isla & Miranda, 2019; Oliveira et al., 2010; Santos et al., 2010; Zambom et al., 2011) and improving mental health was intended in seven studies, representing 21%. These included adolescents suffering from mental disorders related to psychoactive substance use (Santos et al., 2010), people with suicide ideation (Chacón & Cueva, 2014), living with depression (Barrera-Valencia et al., 2017; Huber et al., 2020; Mundt et al., 2019; Santos et al., 2010). In two studies there was no focus on psychiatric diagnoses, but coping with stress (Mora-Arias et al., 2020) and transforming pessimist realities (Rodrigues, 2020). Persons with sexual offence histories (Barrientos-Low & Escaff-Silva, 2018; Café & Nascimento, 2012; Costa et al., 2011; Costa et al., 2020; Meneses, 2016; Said, 2019) were the intervention target in six studies (18%). Three interventions (9%) aimed to reduce criminal recidivism (Amorim-Gaudêncio et al., 2017; Capellan et al., 2020; Romero et al., 2018).

**Outcomes**
In the following the quantitative outcomes of the randomized controlled trials (RCTs), quasi-experimental studies and cohort studies are reported.

Two RCTs applied a CBT-based approach, a 12-week group anger management was implemented, providing teaching about the roots of anger and coping strategies (Hutchinson et al., 2017). They achieved significant pre to post-test reduction in state anger \(t(38) = 3.23, p = .003\], trait anger \(t(38) = 1.94, p = .06\], and anger expression \(t(39) = 2.64, p = .012\] scores, and a significant increase in the Profile of Anger Coping Skills (PACS) score \(t(29) = 3.02, p = .005\]. In the control group, no changes were detected. In the second RCT, the four-month group therapy program "Preventing Recidivism Through Cognitive Behavioral Therapy" was realized, addressing topics such as self-esteem/self-perception, self-control/impulsivity, identification of problems, problem-solving, values/antivalues, resilience. At the 18-month follow up, the intervention group was 69% less likely to reoffend compared to the control group (Capellan et al., 2020).

A study from Colombia compared telepsychiatry services by evaluating cost-effectiveness in a group of imprisoned individuals with depression (Barrera-Valencia et al., 2017). Participants in the asynchronous group were assessed by a general practitioner in prison who then sent all the clinical information to a psychiatrist who guided the treatment. In the synchronous group assessment and prescription was done directly by the psychiatrist via videoconferencing. Clinical change was measured through the Hamilton Depression Scale, and was significantly higher in the asynchronous group (-8) vs the synchronous group (-3). Costs for the asynchronous model were less than half of the synchronous model. Therefore, the asynchronous approach was evaluated as the more cost-effective. Motivational interviewing was carried out with a group of adolescents living with substance dependence in Brazil and compared based on the outcomes to a psychoeducation control group (Andretta & Oliveira, 2011). Both approaches were found to be effective to induce changes. The effect of rehabilitation programs for reducing antisocial attitudes in young people involved in the criminal justice system was examined in Trinidad and Tobago (Spence, 2019). The Risk and Resiliency Check-up and questionnaires was used and did not determine a difference of antisocial traits between the intervention and control group.

In the category of cohort studies two with a larger sample size (n = 50, n=60) and significant benefits of the interventions will be described, for more details see the Table 1. An earlier study from Brazil also
tested motivational interviewing and identified significant reduction in the amount of substances consumed and an increase in days of abstinence (Andretta & Oliveira, 2008). The number of participants in the stage of pre-contemplation was significantly reduced and distributed to higher motivation stages regarding change. In another study a CBT-based approach to intervene with 60 women (pregnant or with children < 2 years) was evaluated (Huber et al., 2020). Depressive symptomatology frequencies in the mothers could be significantly reduced as well as difficulties in the socioemotional development of the children.

The characteristics of all included studies can be found in the Table 1.

Quality Appraisal

Six studies were excluded from quality appraisal as they were expert consensus approaches. Twenty-seven studies were assessed with critical appraisal checklists. The RCTs fulfilled on average 70% of the quality criteria. Cohort studies fulfilled on average 46% of the quality criteria. The case series had mean quality scores of 30%.

Synthesis

Much of the available research comes from Brazil, which has the largest general and prison population in the region. Study designs were often qualitative, such as case series. Few RCTs have been conducted. Populations included in the research varied between studies. Several studies focused on individuals with substance use disorders and people with histories of sexual violence. Psychoeducation in a group therapy format was a common intervention format. Several interventions focused on restoring social functioning and reducing criminal recidivism.

We submitted the controlled trials and cohort studies to narrative synthesis. We found that the interventions focused mostly on reducing drug use and improving social abilities. It is noteworthy that the studies were typically aimed at achieving a specific behavioural change, such as improving anger management (Hutchinson et al., 2017), reducing cannabis or tobacco use (Andretta & Oliveira, 2011; Zambom et al., 2011) or reducing criminal recidivism (Capellan et al., 2020; Spence, 2019). Individual (mental) health measures were only considered in one paper which analysed changes in depressive
symptoms (Barrera-Valencia et al. (2017), and another which examined stress levels (Mora-Arias et al. (2020). Although all interventions targeted aspects of mental health, many studies explicitly excluded people with severe mental illnesses, or who had high scores on symptom scales. Further, it was remarkable that most of the interventions did not form part of routine practice in correctional settings but had instead been implemented for the purposes of these studies. Several interventions were implemented through international research collaborations with academic institutions from outside the LAC region.

Discussion

Main findings
This scoping review provides an overview of research conducted in the field of mental health interventions in people with criminal justice involvement in Latin America and the Caribbean. There were only few studies with quantitative outcomes. Most interventions conducted with the imprisoned populations were considered useful and effective to accomplish changes.

Comparison with the literature
Reviews conducted so far, to evaluate interventions conducted in the region, focused rather on the structure of mental health services, prison conditions or facilitating factors, than actually evaluating the effectiveness of interventions (Almanzar et al., 2015). A worldwide international review of mental health treatments in prison populations also points to a lack of high quality large trials (Fazel et al., 2016). Several of the treatment approaches (CBT, Dialectical Behavioral Therapy, meditation, group therapies) also reflect the findings of this scoping review. Small sample size was a common limitation. Medication trials for substance use disorders have also been conducted internationally and indicate usefulness for managing withdrawal, detoxification and maintenance treatments (Oldham et al., 2004). CBT and motivational interviewing were the psychotherapeutic methods found to be useful to reduce substance dependence (Ferguson & Wormith, 2013; Joy Tong & Farrington, 2006; Stein et al., 2006), which was in line with a small number of studies using those methods in our scoping review. The low number of studies available in English indicated limitations for regional research to be received in large
parts of the world and to exchange with researchers who do not read Spanish or Portuguese. Culturally
specific values and assumptions play a key role in mental health care. Thus, cross-national validation of
effective interventions could be of benefit to all actors (Day et al., 2021).

The percentage of studies including women was higher than in the global review (Fazel et al., 2016).
This could be related to the high proportion of women in prison, as several countries from the region
are exceeding the global average percentage of the female prison population (Walmsey, 2015).
However, older adults in prison were not specifically represented in any of the Latin American studies,
even though they have been identified to be at increased need of mental health care (Fazel et al., 2001;
Hayes et al., 2012). Only trials with control groups were included in the global review, which would
have limited the number of studies in our review to only five.

In forensic psychiatric treatment, safety interests of societies and risk-reduction are priorities. The first
step is often to create an intrinsic motivation for therapy and change, which can be achieved through
psychoeducation or motivational interviewing (Konrad, 2019). The studies we identified in this scoping
review mainly focused on these intervention types and objectives, implementing treatment for people
with histories of sexual offences, reducing criminal recidivism and promoting prosocial behaviour.
There were also studies using CBT and group therapies aiming to implement the Risk-Need-
Responsivity Model or Good Lives Model (Andrews et al., 2016; Ward, 2002). Other studies aimed to
facilitate mental health through communication and expression towards societies of people with criminal
justice involvement using artistic expression (psychodrama) and growth of juvenile offender populations
(self-reparenting). However, these studies were less frequent and did not have controlled trial designs.
The effects of improvements in prosocial behaviour and reductions in drug use reported in the controlled
trials and cohort studies are promising and might be further evaluated at the transition from correctional
to community settings, as this is known to be a critical time period for rehabilitation (Hopkin et al.,
2018). Furthermore, many of the interventions that have been tested in clinical trials should be applicable
as routine healthcare interventions within these correctional systems. Implementation of the
interventions in routine care would allow the replication of studies in different settings and longer
follow-up periods. Beyond specific behavioural changes, broader aspects of mental health may need
consideration. Self-management and better social interaction, as described above, are only two of the
key principles for recovery (Durcan G. & Zwemstra, 2014). The formation of a sense of personal identity, confidence to manage everyday life and taking social roles are also important. Collaboration between researchers from the LAC and institutions in high-income regions, as reported in some of the studies, might be a way to promote research and cross-cultural exchange on treatment targets and pathways of care.

**Strengths and limitations**

We used a broad search strategy in the databases, later narrowing down the results through a two-step screening process. In addition to the databases used in global reviews on the topic before (PubMed, PsycInfo, Web of Science, PsycArticles, PubPsych, WHO Global Index Medicus), we also searched databases with a focus on the LAC region (Scielo, BVSalud), which offers extra knowledge inclusion. The broad search approach allowed to give a complete picture on the research conducted and methodologies used to study interventions in the region, however precluded from quantitative data synthesis. Several studies described an implementation rather than testing of an intervention in a controlled condition. We have undertaken the most comprehensive review of intervention research in Latin American prisons to date. Our search strategy may have missed reports from national bodies, which are often not published in research databases. However, those reports usually build upon existing published research. We did not systematically search for the grey literature, although several conference abstracts and dissertations were included through our database searches.

**Conclusion**

Evidence from intervention research is still scarce in Latin America given the enormous public health challenge to address mental health problems in prisons. We found a small number of studies reporting controlled trials with quantitative outcomes and a somewhat larger body of descriptive literature on a diversity of interventions. These provide information regarding current practice and which interventions may usefully form future research priorities. Controlled studies indicate preliminary effectiveness for motivational interviewing, CBT and interventions of General Practitioners supported through telemedicine by psychiatrists. Those interventions may be suitable for larger scale testing. However, only a small number of studies reported evidence for interventions aimed at people with a psychiatric diagnosis. Most of the studies focus on forensic outcomes, such as preventing recidivism.
and improving pro social behaviour. This might reflect the lack of psychiatric services stated in the
introduction. Effects of interventions on different mental health outcomes also need to be tested in
controlled trials. The overall picture on interventions is still not yet sufficiently robust to recommend
scaling up. Overoccupancy and a lack of prison workforce, place further challenges on delivering
interventions on a larger scale. Future research should go beyond describing intervention programs,
assess effectiveness with controlled designs and provide a clear roadmap of the structural and
workforce requirements to create sustainable mental health services. The feasibility of implementation
in routine care needs to be considered when designing and evaluating interventions. International
cooperation between LAC and countries outside the region should be considered to ensure that
research is scaled up.
References


Corchado-Vargas, A. (2016). Intervention with Young Mexicans in Conflict with the Law Based on Community Psychology [Article]. *Pensando Psicologia*, 12(20), 85-95. [https://doi.org/10.16925/pe.v12i20.1566](https://doi.org/10.16925/pe.v12i20.1566)


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<tr>
<th>Author / Year</th>
<th>Titel</th>
<th>Language</th>
<th>Country</th>
<th>Objective</th>
<th>Participants</th>
<th>Method</th>
<th>Setting</th>
<th>Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>I. Andretta and M. D. Oliveira 2011</td>
<td>Motivational interviewing with adolescents who use drugs and committed an offense</td>
<td>pt</td>
<td>Brazil</td>
<td>To evaluate the effectiveness of Motivational Interviewing (MI)</td>
<td>48 adolescents who use drugs and committed a criminal offense</td>
<td>compared MI (n=27) and Psychoeducation (n=21), evaluation by (a) reduction of drug consumption and (b) motivation to change (URICA = University of Rhode Island Change Assessment Scale)</td>
<td>Clínica escola de uma faculdade de psicologia, institution with socioeconomic measures, Porto Alegre, Brazil</td>
<td>MI-Group: reduction of tobacco and cannabis use; Psychoeducation: reduction of alcohol and cannabis use; with both types of intervention decreased the pre-contemplative state, both effective to promote change.</td>
</tr>
<tr>
<td>C. Barrera-Valencia, A. V. Benito-Devia, C. Vélez-Álvarez, M. Figueroa-Barrera and S. M.</td>
<td>Cost-effectiveness of synchronous vs. asynchronous telepsychiatry in prison inmates with depression</td>
<td>en</td>
<td>Colombia</td>
<td>to assess and compare the cost-effectiveness of synchronous vs. asynchronous telepsychiatry interventions</td>
<td>106 patients with depression (Zung Self-Rating Depression Scale (1965)) in detention centre; male, &gt;18 years</td>
<td>randomly assigned to a) synchronous (direct evaluation by psychiatrist via videoconference, diagnosis, medical prescripton, follow-up) or b) asynchronous (evaluation by GP, sends information to psychiatrist who issues diagnosis and treatment; follow-up by GP) telepsychiatry consultation model; HDRS</td>
<td>Medium-Security Penitentiary and Prison Establishment of Manizales, Colombia</td>
<td>clinical results with asynchronous model are better (HDRS difference is higher, -8 vs -3); cost of the asynchronous model is less than half of the synchronous model treatment cost; the asynchronous model is the more cost-effective</td>
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Table 1. en = english; pt = Portuguese; es = Spanish; CBT = Cognitive behavioral therapy; sgnft = significant; RCT = Randomized controlled trial;
<table>
<thead>
<tr>
<th>Source</th>
<th>Title</th>
<th>Context</th>
<th>Sample Size</th>
<th>Intervention</th>
<th>Outcomes</th>
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<tbody>
<tr>
<td>Franco-Idárraga, 2017</td>
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<td>(Hamilton Depression Rating Scale at baseline + follow up to evaluate severity and assess changes;</td>
</tr>
<tr>
<td>G. Hutchinson, P. Willner, J. Rose, I. Burke and T. Bastick, 2017</td>
<td>CBT in a Caribbean context: A controlled trial of anger management in Trinidadian prisons</td>
<td>To evaluate a package of CBT-based Anger Management Training</td>
<td>57 persons in prison (16 control, 41 intervention) male and female general prisons + male adolescent</td>
<td>12-week prison-based group anger management programme; topics: the triggers that evoke anger; physiological and behavioural components of anger; behavioural and cognitive strategies to avoid the build-up of anger and for coping with anger-provoking situations; and acceptable ways of displaying anger (assertiveness); method: brainstorming + role play; pretrial and posttrial outcome data assessed by STAXI (State-Trait Anger Expression Inventory) and PACS (Profile of Anger Coping Skills)</td>
<td></td>
</tr>
<tr>
<td>J. Spence, 2019</td>
<td>An analysis of the effectiveness of the restorative approach on recidivism at the Trinidad and Tobago youth training centre</td>
<td>to analyse whether exposure to rehabilitative programmes would reduce the antisocial attitudes of young</td>
<td>61 participants (Group A: 30 intervention, Group B: 31 non-intervention group)</td>
<td>Risk and Resiliency Check-up (RRC) + Questionnaire to capture institutional strengthening of program</td>
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</table>

**RCT** intervention group: significant reduction in State Anger \[t(38) = 3.23, p = .003\], Trait Anger \[t(38) = 1.94, p = .06\], and Anger Expression \[t(39) = 2.64, p = .012\] scores, and a significant increase in the PACS score \[t(29) = 3.02, p = .005\] maintained at 4 months follow-up; control group: no changes
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<tbody>
<tr>
<td>Honduras + US</td>
<td>The study examines the effectiveness of a CBT among supervised persons with criminal justice involvement. 100 parolees assigned to treatment (n = 50) or control conditions (n = 50) group.</td>
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<tr>
<td></td>
<td>CBT: ‘Preventing Recidivism Through Cognitive Behavioral Therapy’, group therapy, 3h/weekly, 4 months; Program based on Beck 1999, themes: self-esteem/self-perception, self-control/impulsivity, identification of problems, problem-solving, values/antivalues, resilience, delayed gratification, and support networks; group discussions + 2 sessions on entrepreneurship; 18 months follow-up</td>
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<td>pool of persons placed on conditional release, Department of Francisco Morazan, Honduras</td>
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<td></td>
<td>cohort study</td>
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<td>treatment group 69% less likely to reoffend</td>
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</table>

**Cohort Study**
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<tr>
<th>Study</th>
<th>Country</th>
<th>Intervention</th>
<th>Population</th>
<th>Outcome Measures</th>
<th>Findings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Riega-Virú and Tataje-Véliz, 2020</td>
<td>Peru</td>
<td>The Modeling Technique and Penitentiary Treatment: the Case of Foreign Inmates Imprisoned due to Illegal Drug Trafficking with Rehabilitation Difficulties in the Ancón II Detention Facility, Lima, Peru</td>
<td>67 inmates</td>
<td>Comprehensive Treatment for Imprisoned Foreigners Program (P.I.T.E.R.)</td>
<td>Positive reinforcement and modeling techniques; 12 techniques: (1) modeling of skills (communicational, expression, responses, planning, self-control, work-related); (2) Positive Reinforcement; (3) Role-Playing; (4) Feedback</td>
</tr>
<tr>
<td>Huber, Venegas, and Contreras, 2020</td>
<td>Chile + UK</td>
<td>Group Intervention for Imprisoned Mother-Infant Dyads: Effects on Mother’s Depression and on the Children’s Development</td>
<td>60 incarcerated women, 30 pregnant, 30 with children under 2 years</td>
<td>Attachment theory + CBT, 5 sessions; group therapy, Multilevel regression analysis for repeated measures performed for maternal symptomatology, child development</td>
<td>Reductions of the depression symptoms in pregnant women (b=-3.60, t(29)=-2.66, p=.031) and in mothers of the dyad intervention group (b=-0.1499, t(93)=-5.30, p=&lt;.001) for children’s social-emotional development difficulties (b=-15.26, t(18)=-4.107, p=.001)</td>
</tr>
<tr>
<td>Study</td>
<td>Authors</td>
<td>Country</td>
<td>Description</td>
<td>Population</td>
<td>Methodology</td>
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<tr>
<td>Vicente Vázquez Vera, J. Sánchez Sosa, 2015</td>
<td>Executive functions as predicting of response to violent criminals treatment</td>
<td>Mexico</td>
<td>To explore the predictive value of neuropsychological functions for response to treatment; examine relation between executive functions and indicators of response to CBT instead of additional punitive measures</td>
<td>24 inmates, 24-49 years, with aggressive/undisciplinary behavior, with frequent additional punitive measures (excluded high psychopathy, PCL-R (&gt;Psychopathy Checklist – Revised) &gt;30)</td>
<td>Intervention: Program of reasoning and rehabilitation; 8 modules: motivational interviewing, self-control, meta-cognition, cognitive solving of interpersonal problems, social abilities, emotional control, critical reasoning, consciousness of victim; 37 sessions; response to treatment assessed by Novaco’s Inventory of Reaction to Provocation</td>
</tr>
<tr>
<td>L. Andretta and M. da Silva Oliveira, 2008</td>
<td>A study of the effects of motivational interviewing on adolescent offenders</td>
<td>Brazil</td>
<td>Identifying the changes after motivational interviewing intervention</td>
<td>50 adolescent drug users who had committed offenses; 13-20 years</td>
<td>URICA (=University of Rhode Island Change Assessment Scale) score to rate the level of motivation to change behaviour; Negative Core Beliefs Inventory by Beck; urin toxicology screening</td>
</tr>
<tr>
<td>A. Santos, T.M. Salán, A.C.d.Á. Jacinto, R.C.S. Azevedo, 2010</td>
<td>Group Therapy of adolescents arrested in a judicial institution and with disorders related to the consumption of psychoactive substances</td>
<td>Brazil</td>
<td>Describe the experience of group therapy with adolescents who committed offenses related to psychoactive substance use disorder</td>
<td>4 adolescents who have suffered from mental disorders related to psychoactive substance use disorder</td>
<td>Weekly group therapy for 10 weeks, outcome evaluation 1 year later; psychoeducation</td>
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Notes: All studies were cohort studies without control group.
<table>
<thead>
<tr>
<th>Author</th>
<th>Title</th>
<th>Methodology</th>
<th>Country</th>
<th>Subjects</th>
<th>Intervention Details</th>
<th>Results</th>
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<tbody>
<tr>
<td>M. N. Mora-Arias,</td>
<td>Effect of a Group Meditation Process on Perceived Stress and Coping Strategies in a Prison Context</td>
<td>32 male adults in prison, 26-58 years wait list control group (16)</td>
<td>Costa Rica</td>
<td></td>
<td>10 meditation sessions, Stress-Questionnaire (Solano-Beauregard, Bertoglia, 1997), pretest–posttest experimental design Semi-structured interview to evaluate coping strategies in intervention group</td>
<td>Quantitatively no difference between meditation and control group on stress levels after intervention; significant difference in the cognitive subscale (F(1, 15) = 5.01, p = .04); Qualitatively, participants began to use strategies like self-control, positive reevaluation and taking distance from the situation</td>
</tr>
<tr>
<td>L. Solano-Alpizar, B.</td>
<td>Marín-Picado and J. E. Prado-Calderón, 2020</td>
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<tr>
<td>P. Livacic-Rajas, M. Espinoza and F. Ugalde, 2004</td>
<td>Psychological interventions based on juvenile delinquency prevention evidence</td>
<td>6 adolescents (4 male, 2 female) 13-18 years</td>
<td>Chile</td>
<td></td>
<td>percentage of socially expected behavioral repertoires at baseline and after invention was compared; F-ANOVA to compare; significance level: 0.05</td>
<td>baseline: 30.3% and 42.71 % (socially expected behavior) after treatment: 71.10% and 78.43%; (TE=0.787; power=1.0; squared R-Value=0.787) -&gt; changes in children in 78.7% product of clinical treatment</td>
</tr>
<tr>
<td>M. da Silva Oliveira, K. Del Rio Szupszynski and C. DiClemente, 2010</td>
<td>Estudo dos estágios motivacionais no tratamento de adolescentes usuários de substâncias psicoativas ilícitas</td>
<td>16-21 years</td>
<td>Brazil</td>
<td></td>
<td>short psychotherapy using the Transtheoretical Model of Behavior Change</td>
<td>34% adherent to complete treatment; majority of adolescents who didn't complete the treatment were in the pre-contemplative stage; significant lower adherence to treatment in adolescents with behavioral disorder and adherence</td>
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<tr>
<td>Author(s)</td>
<td>Country</td>
<td>Title</td>
<td>Methodology</td>
<td>Description</td>
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<tr>
<td>L. F. Zambom, J. Garcia da Silva, I. Andretta and M. da Silva Oliveira, 2011</td>
<td>Brazil</td>
<td>Motivação para mudança em adolescentes usuários de maconha: um estudo longitudinal</td>
<td>To assess changes in marijuana use and the stages of adolescent motivation after participation in a program of motivational intervention.</td>
<td>Motivational interviewing; longitudinal assessment of motivational stage, drug use before and three years after treatment; adherence to treatment</td>
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<td></td>
<td>Brazil</td>
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<td>30 adolescents; condemned for illicit drug use (marijuana);</td>
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<td>clínica-escola de uma faculdade de Psicologia de Porto Alegre, Brazil</td>
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<td>50% of adolescents who regularly used marihuana in the beginning do not at all today; 30% adhered to treatment, 70% didn't; of the adolescents who still use marihuana 57.9% didn't adhere to treatment; 66.7% of the adolescents who don't use marihuana today adhered to treatment</td>
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<tr>
<td>L. F. Costa, A. Ribeiro, E. L. Junqueira, F. F. F. Meneses and L. M. C. Stroher, 2011</td>
<td>Brazil</td>
<td>Multifamiliar group with sexual offender adolescents</td>
<td>to implement multifamiliar group (=MG) methodology in the treatment of adolescent with histories of sexual offenses</td>
<td>5 multifamily encounters with themes: protection; sexuality; sexual violence is a crime; transgenerationality; dating project; steps: Articulation with the net; levelling of the methodological and theoretical knowledge of the MG; Family interviews with every participant of family; MG with adolescents; Evaluation of the effectiveness.</td>
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<td>adolescent sexual offenders + family + friends (28 total)</td>
<td>Psychopedagogical Medical Orientation Center, Brasília, Brazil</td>
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<td>Important aspects: space for reflection and expression for all members; develop resignification of the experience; develop future projects</td>
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<tr>
<td>M. B. Café and N. I. d. Nascimento, 2012</td>
<td>Brazil</td>
<td>The use of psychodrama with sexual offenders</td>
<td>to test psychodrama + individual attendance as a psychotherapy method</td>
<td>50 min. sessions 1/week, 7 months; dramatic action, performance of roles, creation of characters, spontaneity-creativity</td>
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<td>6 male sexual offenders, 21-59 years</td>
<td>Prison in Brazil</td>
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<td></td>
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<td>positive feedback by attendees, faced their greatest fears, myths and prejudices</td>
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<tr>
<td>Study</td>
<td>Country</td>
<td>Intervention</td>
<td>Sample</td>
<td>Perceived Changes</td>
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<tr>
<td>Barrientos-Low and E. Escaff-Silva, 2018</td>
<td>Chile</td>
<td>Programa de Tratamiento para el Control de la Agresión Sexual [CAS-R]: -individual (weekly sessions with psychologist, main objective to interrupt abusive behavior) -familiar (with social worker, to avoid risk situations) -group workshops (modules: (1) recognize emotions (2) overcome cognitive distortions that justify or minimize abusive acts (3) develop empathy for the victim (4) recognize sexual violence (5) develop conflict-solving skills and to confront sexuality without hurting others or themselves</td>
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<tr>
<td>Chile, Psychosocial Education Centre</td>
<td>18 adolescents who present sexually abusive acts</td>
<td></td>
<td>1) Improved: conflict solving skills, social skills 3) prosocial values 4) responsible perception of sexuality 5) improved impulse control 6) family: more united, closer relationship 7) recognize reason for entering program, associate it with feelings of guilt, some compensatory actions to victims</td>
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<tr>
<td>Gomez and E. C. Banegas, 2018</td>
<td>Ecuador</td>
<td>Hypnotherapy, Hamilton Anxiety Scale + Hamilton Depression Scale, pre- and post intervention symptoms</td>
<td>20 teenage boys, 12-18 years, diagnosed with cocaine addiction and withdrawal syndrome</td>
<td>symptoms of abstinence modified: regular sleep + eating behavior, psychomotoric balance, 75% increased participation in educational activities, increased communication with family; anxiety + depression levels decreased</td>
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<td>Juvenile detention center, Machala, Ecuador</td>
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<td>describes the operation and achievements of <em>Huellas de Esperanza</em> (Traces of Hope), the argentine prison dog programme</td>
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<td>Implementation of prison dog programmes founded by Pauline Quinn; mid-term and final assessments; 18-24 months dog training phase, persons living in prison were responsible for care</td>
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<td>85 male + female + adolescent (18-21 years), transgender</td>
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<td>2 Open Pre-release houses, 1 Penitentiary Complex for Young Adults, 1 Penitentiary Complex with Transgender community</td>
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<td>reducing prison violence (0 % among participants); reducing reoffending (0.01%)</td>
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<tr>
<td>to assess effects of the participation in a theatre project on the mental health problems of people with criminal justice involvement and relatives</td>
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<tr>
<td>5(3 formerly incarcerated persons + 2 parents of a person in jail who had died), 36-65years, 1 with current illicit drug dependence, 3 with major depression, all had mild suicide risk; + professional actors</td>
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<td>rehabilitative programs with technical and life-skill components (6-8months)</td>
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<td>CoArtRe, Santiago de Chile</td>
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<tr>
<td>Types of change/development: control of addiction, therapeutic effect, rehabilitation on personal level; subjectively improved emotional state related to trauma, improved capacities to regulate interpersonal relationships</td>
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<td>Possible mechanisms: commitments with the group and with performing the work, expression of emotions, and traumatic experiences, being heard in public and positive perception by others; improved future work perspectives</td>
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<tr>
<td>Authors</td>
<td>Title</td>
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<td>---------------------------------</td>
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<tr>
<td>L. F. Costa, L. d. S. Wolff, R. N. Nogueira and M. M. Marra, 2020</td>
<td>Treatment to adult perpetrators of intrafamilial sexual abuse in Brazil: psychodrama as strategy</td>
</tr>
<tr>
<td>J. Rodrigues, 2020</td>
<td>Education and Theater in prison - A pedagogical experience</td>
</tr>
<tr>
<td>J. Billand and V.S. Facciolla Paiva, 2017</td>
<td>Deconstructing gender expectations from a minority standpoint: how to enter into a dialogue with male perpetrators of violence against women?</td>
</tr>
<tr>
<td>W. R. Avendaño</td>
<td>The Effects of Applying the Instrumental Enrichment Program to a Group of Juvenile Offenders</td>
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<tr>
<td>Castro, A. E. Parada Trujillo and E. Casadiego Rivera, 2020</td>
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<tr>
<td>W. R. Avendaño</td>
<td>The Effects of Applying the Instrumental Enrichment Program to a Group of Juvenile Offenders</td>
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<tr>
<td>M. L. Palomino, G. H. Ríos and J. Samudio Díaz, 1991</td>
<td>Life projects and rehabilitation of prisoners</td>
</tr>
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<td>M. L. Palomino, G. H. Ríos and J. Samudio Díaz, 1991</td>
<td>Life projects and rehabilitation of prisoners</td>
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<td>Noriega Gayol, G. 1995</td>
<td>Self-reparenting with female delinquents in jail</td>
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<td>Author(s)</td>
<td>Title</td>
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<tr>
<td>C. Amorim-Gaudêncio, K. G. Correia-de-Oliveira, L. F. G. Braz and V. N. d. Figueiredo Filho</td>
<td>Promoção de comportamentos proativos em reeducandos em processo de reintegração: Um relato de experiência</td>
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<td>A. L. das Neves, F. A. Silva, I. R. Silva, T. S. dos Santos and F. P. P. Calegare</td>
<td>Analysis of psychosocial intervention methodologies in group of men perpetrators of conjugal violence</td>
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<tr>
<td>D. M. A. Saez, A. X. Z. Constanzo and A. R. Morales, 2018</td>
<td>Teenagers’ Personal liability in Chile: proposals for conducting psychosocial intervention in Juvenile Sections</td>
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<tr>
<td>C. C. Isla and C. C. Miranda, 2019</td>
<td>The work of the psychologist on dual pathology in juvenile offenders</td>
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<td>Study</td>
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<tr>
<td>A. P. Said, 2019</td>
<td>Psychosocial intervention with intrafamilial sex offenders: Reflections and process evaluation components</td>
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<tr>
<td>F. F. F. Meneses, Stroher, L. M. C., Setubal, C. B., Wolf, L. S., &amp; Costa, L. F., 2016</td>
<td>Psychosocial intervention with the adult responsible for intra-familial sexual violence against children and adolescents</td>
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<tr>
<td>Content of sessions:</td>
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<tr>
<td>1) Therapeutic contract, distinction between judiciary and therapeutic context</td>
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<td>2) Discuss necessary limits for actions against children/adolescents</td>
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<td>3) Discuss pictures with violence situations, identify themselves with perpetrator/victim</td>
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<td>4) Create future plans</td>
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<td>5) Assess quality of thinking (negation of violence, distortion of violent act, culpability of victim)</td>
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<tr>
<td>6) Discussion of prejudices (“machism”, sexism)</td>
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<td>7) Transgenerationality</td>
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<td>8) Expression of sexuality</td>
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<td>9) Establish life path with to recognize life achievements and losses; be aware of future obstacles</td>
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<tr>
<td>M. B. Chacón, M. M. Cueva</td>
<td>Suicidal ideation in prisoners: A proposal for your attention</td>
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<tr>
<td>A. Corchado-Vargas</td>
<td>Intervention with Young Mexicans in Conflict with the Law Based on Community Psychology</td>
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