



Parenting Skills, Family Functioning and Social Support in Situations of Child-to-Parent Violence: a Scoping Review of the Literature

Shirley Arias-Rivera¹ · Bárbara Lorence¹ · Victoria Hidalgo¹

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Abstract

The aim of this study was to carry out a scoping review to analyze the available evidence regarding parenting skills, family functioning and social support in situations of CPV. When violent behavior occurs, roles, communication and emotional expression are affected, impacting both parenting skills and family functioning. The confluence of these variables could explain the perpetuation of violent behavior over time. The scoping review encompassed peer-reviewed articles published in English and Spanish from 2000 to 2019, located through searches carried out in relevant international databases (Web of Science, PsycINFO, Scopus, ERIC, Dialnet Plus). 22 relevant studies were identified. The collected data showed that, in situations of CPV, parents have low levels of perceived self-efficacy and difficulties regulating their emotions, and they display submissive behavior in parent–child interactions. The analyzed articles also described the presence of a negative family climate and a tendency to relativize violent acts perpetrated by children. Lastly, the evidence shows that social relations are altered by mistrust of formal support resources and a certain level of social isolation. The discussion of the obtained results highlights the need for interventions aimed at fostering parenting skills and improving formal support resources to enhance family functioning in situations of CPV.

Keywords Child-to-parent violence · Parenting skills · Family functioning · Social support · Scoping review

Introduction

In recent years, there has been a growing interest in the study of a specific form of intra-family violence: child-to-parent violence (CPV). Although this type of violence shares certain characteristics and many risk factors with other kinds of intra-family violence, CPV is different in that it represents a paradoxical reversal of traditional power roles within the family system, with victims being legally the caretakers of

their aggressors (Tew & Nixon, 2010). As with other violence-related constructs, such as child maltreatment (Miller-Perrin & Perrin, 2012), there are difficulties and ambiguities in the definition of CPV. The Spanish Society for the Study of Child-to-Parent violence defined it as:

Repeated acts of physical, psychological (verbal or non-verbal) or economic violence by children against their parents or parental figures. The following behaviors are not considered child-to-parent violence: one-off acts of aggression, those perpetrated during a diminished state of awareness that are not repeated once said awareness is recovered (alcohol intoxication, withdrawal syndromes, delirium or hallucination), those caused by psychological disorders (transitory or stable, autism or severe mental disability) and parricide with no prior history of aggression (Pereira et al., 2017, p. 6).

In addition to its continuity over time, CPV differs from other types of violence in that violent acts are commonly used to gain and maintain power and coercive control over parental figures (Aroca-Montolío et al., 2014; Cottrell, 2003;

Bárbara Lorence is a Member of the research group HUM604: Lifestyle development in the life cycle and health promotion of University of Huelva

✉ Bárbara Lorence
bl@us.es

Shirley Arias-Rivera
shiaririv@alum.us.es

Victoria Hidalgo
victoria@us.es

¹ Faculty of Psychology, University of Sevilla, C/ Camilo José Cela, s/n, 41018 Sevilla, Spain

Coogan, 2011; Cottrell & Monk, 2004; Hong et al., 2012; Tew & Nixon, 2010). Likewise, the assessment of the frequency of abusive behaviors, specially during the last year, allows differentiating them from isolated aggressive acts and determining the levels of severity (Calvete & Orue, 2016).

Many studies report cases of CPV in its different typologies (physical, psychological and economic) (Rojas-Solís et al., 2016). However, the overall estimation of prevalence rates of CPV is difficult to establish due to the variability in the use of instruments (Arias-Rivera et al., 2020) and to the established case identification, reporting and recording criteria. Furthermore, there are differences in the prevalence rates of CPV according to age, gender and context (community, judicial or clinical) of the informants (Loinaz & De Sousa, 2020; Simmons et al., 2018).

According to available empirical data, the median onset age of CPV ranges from 12 to 17 years in most cases (Castañeda et al., 2012; Condry & Miles, 2014; Contreras & Cano, 2016; Cottrell & Monk, 2004; Miles & Condry, 2016; Pagani et al., 2004). Although there have been recent reports of violent behavior in early and middle childhood highlighting that CPV is not limited to adolescence (Simmons et al., 2020), parents may not identify these behaviors as CPV until their children are older and a pattern of abuse has been established (Hong et al., 2012; Kennair & Mellor, 2007; Pérez & Pereira, 2006). Regarding the trajectory that CPV follows throughout adolescence, Simmons et al. (2018) reported that it usually peaks in mid-adolescence and then declines with age. Similarly, Calvete et al., (2020a, 2020b) identified a gradual decrease in abusive behaviors with a peak around age 15. On the other hand, Kuay and Towl (2021) suggests that there are two distinct groups, those whose abusive behavior begins early and persists, and those who have a later onset that dies out over time. It is clear that more studies analyzing CPV from a developmental perspective are needed (Holt, 2016b; Kuay & Towl, 2021).

In relation to the sex of the parents, recent studies have found that the level of violence directed toward the mother is higher than that directed toward the father (Calvete et al., 2020a, 2020b), in line with previous studies that consistently and significantly point out that the mother is the most physically and psychologically assaulted person (Agnew & Huguley, 1989; Calvete et al., 2013, 2017; Calvete, et al., 2014a; Calvete et al., 2014c; Calvete & Orue, 2016; Condry & Miles, 2014; Gallagher, 2004; Hunter et al., 2010; Ibabe & Jaureguizar, 2011; Pagani et al., 2004, 2009).

In an attempt to understand the genesis and perpetuation of this phenomenon, different theoretical models have been proposed, such as The Social Learning Theory of Bandura and Rivièrè (1982) (Aroca-Montolío et al., 2012; Izaguirre & Calvete, 2017; Margolin & Baucom, 2014), The Reciprocal Coercion Model of Patterson (1983) (Eckstein, 2004; Ibabe et al., 2013; Pagani et al., 2009), The Social

Information Processing Model of Dodge and Pettit (2003) (Calvete et al., 2015a; Contreras & Cano, 2016), or theories of the juvenile delinquency field (social control, differential association, and strain) (Agnew & Huguley, 1989). Domestic violence has also been proposed as a conceptual framework to understand this phenomenon, since mothers are more likely than fathers to be abused by their sons (Wilcox, 2012). However, this approach could not be applied in those cases where the daughter is the abuser and the father is the one being abused, in addition to the conflict generated by making the abuser take sole responsibility for his/her crime (Holt, 2016a). In this line, and according to recent findings, the representations of this phenomenon as a form of domestic violence in which the son is labeled as both aggressor and victim could have negative effects on the family system and the possibility of change if a specialized analysis of its contexts and correlations is not carried out (Gabriel et al., 2018; Holt & Lewis, 2021).

Finally, among the theoretical models that have been proposed to explain CPV, Dutton's Nested Ecological Model (1985) has been also used (Cottrell & Monk, 2004; Simmons et al., 2018). This model constitute a suitable framework that integrates postulates proposed by previous theoretical models, which also facilitates the analysis of the intervening factors from different ecological levels (Arias-Rivera & Hidalgo, 2020). From this ecological framework, the purpose of this study is to analyze the available evidence related to some relevant dimensions involved in CPV situations, in particular, in relation to parenting skills, family functioning and social support.

Different parenting skills seem to be impaired in CPV situations. So, different studies have reported parents feel an acute sense of helplessness, paralysis and emotional distress once abusive behaviors are initiated (Gabriel et al., 2018; Selwyn & Meakings, 2016; Tew & Nixon, 2010) and, consequently, they show a self-perception of ineffectiveness and inability to cope with educational tasks and responsibilities as parents (Gabriel et al., 2018; Holt, 2011). It has also been reported the existence of a feelings of guilt that hinder the setting of boundaries and the search for solutions (Calvete et al., 2017b; Edenborough et al., 2008; Routt & Anderson, 2011; Williams et al., 2017). In this line, CPV has been widely related to ineffective parenting practices especially managing appropriate boundaries (Gabriel et al., 2018) and contingent consequences for violent behavior (Calvete et al., 2015c; Del Hoyo et al., 2020). In fact, there is empirical evidence of an association between CPV and authoritarian, inconsistent, and neglectful parenting styles (Calvete et al., 2014a; Calvete et al., 2014c; Castañeda et al., 2012).

In addition to parenting styles, other dimensions of family functioning have also been linked to CPV. Specifically, family cohesion (Beckmann, 2019), a positive emotional climate (Pagani et al., 2003; Zhang et al., 2019) and

assertive communication (Calvete et al., 2014a; Ibabe & Bentler, 2016; Ibabe et al., 2013) have all been identified in different studies as protective factors. With respect to the directionality of the relationships, longitudinal studies have confirmed the protective role of positive emotional climate (Pagani et al., 2003), and have indicated that exposure to direct or indirect violence in the nuclear family is a significant risk factor (Arias-Rivera & Hidalgo, 2020; Beckmann, 2019; Beckmann et al., 2017; Del Hoyo-Bilbao et al., 2017) and predictor of CPV (Calvete, et al., 2020a, 2020b, Calvete et al., 2015b). As consequences of the VPC on family functioning, a distancing of parent–child relationships has been sometimes observed (Murphy-Edwards & van Heugten, 2018), as well as physical and, in some cases, economic consequences (Murphy-Edwards & van Heugten, 2018; Paterson et al., 2002).

The presence of CPV also seems to affect parents' relationships with their social environment, particularly in terms of social support. In this sense, there is empirical evidence showing that the isolation (Miles & Condry, 2015; Moulds et al., 2016), revictimization (Brule & Eckstein, 2016; Condry & Miles, 2014; Holt, 2011; Miles & Condry, 2015; Murphy-Edwards & van Heugten, 2018; Routt & Anderson, 2011; Selwyn & Meakings, 2016; Tew & Nixon, 2010; Williams et al., 2017) and social stigma (Brule & Eckstein, 2016) generated by CPV may delay help-seeking; in turn, this may result in the absence of support networks, which are vital to families experiencing this kind of violence (Bonnick, 2019; Edenborough et al., 2008).

Although in recent years a considerable number of empirical studies on these aspects have been conducted and some reviews have been carried out on a more global basis (e.g., Simmons et al., 2018), our understanding remains limited due to the heterogeneity of the variables involved in the development of CPV (Del Hoyo et al., 2020). Due to the complexity of this phenomenon, from an ecological framework, it is important to identify, beyond parenting styles, different dimensions of parenting skills involved in CPV, as well as to analyze other variables that have not been addressed in previous reviews, e.g., social support. Since there are enough empirical studies to draw conclusions on these aspects, the aim of this study was to analyze, through a scoping review, the available evidence regarding parenting skills, family functioning and social support in CPV situations.

Methods

This scoping review was conducted according to the recommendations of the experts in this methodology (Arksey & O'Malley, 2005; Daudt et al., 2013; Levac et al., 2010) and the methodological guidelines of Prisma (Moher et al., 2009) and Cochrane (The Cochrane Collaboration, 2011).

The flow chart of the process followed during the search and final selection procedures is shown in Fig. 1.

Inclusion and Exclusion Criteria

This review included all clinical, community and judicial empirical studies published in either Spanish or English between 2000 and 2019, providing they complied with the following criteria: (a) included a sample of adolescents (10–19 years), both girls and boys, who had perpetrated CPV, or (b) included a sample of parents who, regardless of sex or age, had experienced CPV; and (c) incorporated variables associated with parenting skills, family functioning or social support. It is important to note that the inclusion of studies did not consider the CPV severity threshold. Exclusion criteria were case studies, expert opinions, other variables analyzed, therapeutic experiences, and approaches linked to public policy and police management. Since all the data were extracted from published, peer-reviewed studies, no ethical approval was required.

Search Strategy

A systematic search of the extant scientific literature was conducted, involving 5 different meta-searches in the following biographic databases: Web of Science, Scopus, PsycINFO, ERIC and Dialnet Plus. The strategy used for the search is shown in Fig. 1 and contemplated a total of 10 terms combined with the Boolean operators OR and NOT. The search was carried out between October 2018 and April 2019 and returned a total of 5449 studies that had been published between 2000 and 2018.

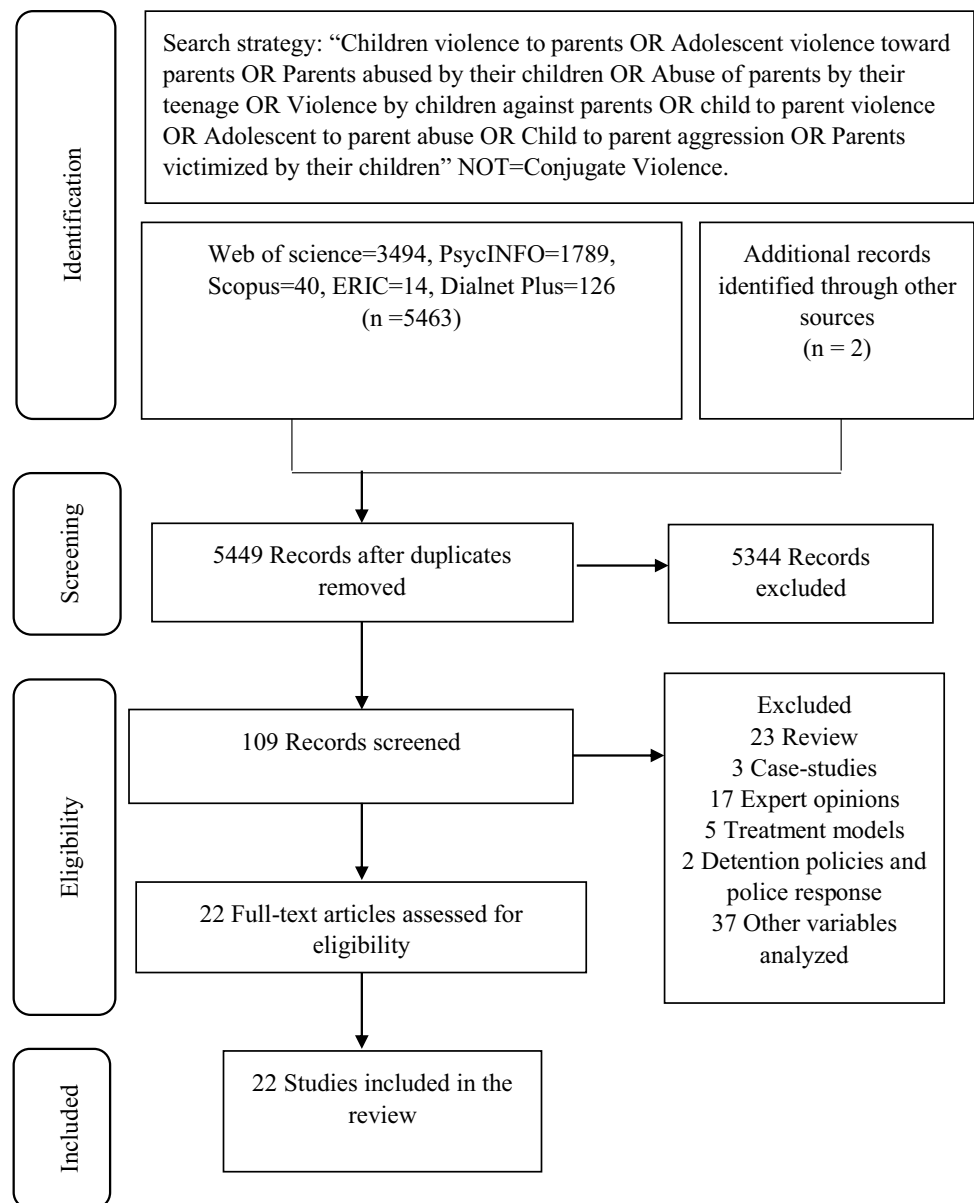
Study Selection

The lead author (S.A.) carried out the initial screening process, reading the abstracts and determining whether the studies complied with the inclusion and exclusion criteria. Additional records were obtained using the snowball technique. The Mendeley manager was used to sequentially store the records and remove duplicates. Next, the other authors (V.H. and B.L.) carried out the final selection based on full-text analysis, reaching a consensus in the event of any disagreement.

Assessing the Risk of Bias

According to Manterola and Otzen (2015), in order to minimize the risk of bias, it is necessary to assess the three pillars that make up any research study: a) what is being measured, b) who is measuring it and c) what it is

Fig. 1 Flow diagram of data collection and search process steps



being measured with. In accordance with this strategy, the authors verified that all the studies included in the review:

- a) Operationally defined CPV, using adequate sampling strategies and complying with pre-established inclusion and exclusion criteria.
- b) Presented data extracted by researchers with the appropriate ethical approval.
- c) Used qualitative or quantitative methods and instruments in the data collection process, in accordance with standard methodological guidelines. When there were missing data, it was considered that these did not affect the obtained results.

Data Collection Process

To attain the objectives of this scoping review, the data were classified and registered on a spreadsheet, which included information about the characteristics of the studies and the results reported (Levac et al., 2010).

Analysis of the Results

Separate analyses were conducted to describe: 1) the methodological characteristics of the studies included in the review and 2) the results reported regarding parenting skills, family functioning and social support in situations of CPV.

Results

Description of the Characteristics of the Empirical Studies

According to the classification system proposed by Ato et al. (2013), the designs used in the 22 studies included in the review were analyzed in accordance with their manipulation strategy. All the studies had quasi-experimental designs, with 19 being cross-sectional and 3 longitudinal (Table 1). The studies reviewed were carried out in Spain ($n = 8$), the United Kingdom ($n = 5$), the United States ($n = 3$), Canada ($n = 2$), New Zealand ($n = 2$), Australia ($n = 1$) and France ($n = 1$). No studies conducted in Latin America were found. Lastly, with respect to the year of publication, 64% were published over the last six years (2014–2018).

Concerning the characteristics of the study samples, 9 focused on the general population, 6 on the clinical population, 5 on cases brought to the attention of the judicial authorities and 2 on a combined clinical and judicial context. Of the total, 40.9% ($n = 9$) collected and analyzed information about both adolescents and parents, 22.7% ($n = 5$) focused solely on adolescents, 18.2% ($n = 4$) focused solely on parents (of both sexes), 9.1% ($n = 2$) only on mothers, 4.5% ($n = 1$) on mothers and adolescents and 4.5% ($n = 1$) on adoptive parents.

With respect to the type of data analysis carried out, 14 studies conducted qualitative analyses, exploring the content of the participants' discourses, 3 used correlational statistical analyses, 2 employed logistic regression analyses, 1 included a confirmatory factor analysis, and 2 used a structural equation model.

Of the articles analyzed, the majority aimed to explore cognitive-emotional, family, and social characteristics in situations of CPV. Key themes of the qualitative studies included parents' perceptions of their parenting skills and experiences with social support, while the results of the quantitative studies focused on family functioning variables.

Table 2 presents a detailed description of the most important results reported by each of the studies included in the review regarding parenting skills, family functioning and social support.

Reported Evidence for Parenting Skills

Longitudinal Studies

With regard to parenting skills, Calvete et al., (2015b), in their longitudinal study, found that the development of

CPV is significantly associated with the exposure to violence at home and a lack of parental warmth. The analyses evidenced that the lack of parental warmth produced alterations in the cognitive schemas of the adolescents, resulting in behaviors of disconnection and rejection, narcissism, and justification of violence, which in turn predicted an increase in abusive behaviors directed toward both parental figures.

Cross-Sectional Studies

The cross-sectional studies reported that parents involved in situations of CPV had a low estimation of their self-efficacy as parents (Eckstein, 2004; Edenborough et al., 2008; Holt, 2011; Laurent & Derry, 1999; Murphy-Edwards & van Heugten, 2018; Selwyn & Meakings, 2016; Tew & Nixon, 2010; Williams et al., 2017) and thereby felt dissatisfied with the way they fulfilled their parental role (Holt, 2011; Selwyn & Meakings, 2016).

Furthermore, the analyzed studies found that parents involved in situations of CPV often experienced negative emotions associated with parenting role characterized by anxiety, resentment, ambivalence, desperation, impotence and insecurity (Eckstein, 2004; Edenborough et al., 2008; Holt, 2011; Miles & Condry, 2015; Murphy-Edwards & van Heugten, 2018; Selwyn & Meakings, 2016; Tew & Nixon, 2010; Williams et al., 2017).

In regard to parenting practices, the reviewed articles revealed low levels of control and supervision of children's behavior (Cottrell & Monk, 2004; Eckstein, 2004; Laurent & Derry, 1999; Pagani et al., 2003; Selwyn & Meakings, 2016), with this reduction occurring gradually, until becoming uncontrollable in some cases (Eckstein, 2004; Miles & Condry, 2015; Selwyn & Meakings, 2016). In this line, parents involved in situations of CPV were often found to engage in submissive parental behavior which, in many cases, reinforced their children's violent actions (Laurent & Derry, 1999; Miles & Condry, 2015; Murphy-Edwards & van Heugten, 2018; Selwyn & Meakings, 2016).

The results also identified low levels of communication and affection between the different members of the family (Calvete et al., 2014a; Contreras & Cano, 2014a), as well as low levels of parental engagement and time spent with their children (Calvete et al., 2014b; Calvete et al., 2015c; Murphy-Edwards & van Heugten, 2018; Tew & Nixon, 2010).

Finally, they also highlighted the fact that parents suffering from CPV at home held beliefs and attributions about their children's behaviors that tended to deny, distort, or conceal the violent acts perpetrated by their children against third parties (Calvete et al., 2017; Condry & Miles, 2014; Cottrell & Monk, 2004; Holt, 2011; Murphy-Edwards & van Heugten, 2018; Pagani et al., 2003; Tew & Nixon, 2010; Williams et al., 2017).

Table 1 Descriptions of the studies included

Author(s)	Quasi-experimental design	Sample	Source/ Country	Study aims	Type of analysis
Brule & Eckstein, 2016	C	N=20 parents	Clinical United States	Studying stigma identity as an interactionist construct in families	Qualitative
Calvete, et al., 2014b	C	N=5 adolescents /11 parents	Clinical Spain	Assessing the family, psychological and social characteristics associated with CPV	Qualitative
Calvete, et al., 2014a	C	N= 1698 adolescent	Community Spain	Examining the association between severe physical and psychological CPV and exposure to violence, emotional neglect and permissive parenting style	Logistic regression
Calvete, et al., 2015c	C	N= 15 adolescents/ 17 parents	Judicial Spain	Identifying the role of exposure to family violence and parental discipline in the development of CPV	Qualitative
Calvete, et al., 2015a	L	N= 1272 adolescents/Community Spain 421 parents		Evaluating the bidirectional links between Social Information Processing and CPA over time	Structural equation modeling
Calvete, et al., 2015b	L	N= 591 adolescents and parents	Community Spain	Examined the joint contribution of family factors and cognitive schemas on CPV	Structural equation modeling
Calvete et al., 2017	C	N= 880 adolescents and parents	Community Spain	Examining consistency between parent-reports and child-reports when reporting on CPV and exploring the psychometric properties of the CPAQ parent version	Confirmatory factor analysis and Effect size between information sources
Condry & Miles, 2014	C	N= 1892 adolescent	Judicial United Kingdom	Analyzing CPV from the criminological perspective	Correlation
Contreras & Cano, 2014a	C	N= 90 adolescent (30 CPV)	Judicial Spain	Exploring the family profile of adolescents who commit CPV, comparing adolescent offenders and non-offenders	Correlation
Contreras & Cano, 2014b	C	N= 654 adolescent (48 CPV)	Judicial Spain	Exploring whether adolescents who commit CPV have a different family profile from those who commit other types of offenses	Logistic regression
Cottrell & Monk, 2004	C	N= 52 parents/ 44 adolescents	Clinical Canada	Providing detailed qualitative descriptions of adolescent-to-parent abuse	Qualitative

Table 1 (continued)

Author(s)	Quasi-experimental design	Sample	Source/ Country	Study aims	Type of analysis
Eckstein, 2004	C	N=20 parents	Clinical-Judicial United States	Exploring adolescent-to-parent abuse through victim reports and identifying the assigned meaning	Qualitative
Edenborough et al., 2008	C	N=185 mothers	Community Australia	Exploring the contextualized understandings of mothers who have suffered violence from their children	Qualitative
Holt, 2011	C	N=33 parents	Community United Kingdom	Researching parents' stories of their CPV experiences	Qualitative
Laurent & Derry, 1999	C	N=22 adolescents	Clinical France	Determining the social, familial, and clinical characteristics of children who batter their parents	Qualitative
Miles & Condry, 2015	C	N=117 adolescents/mothers	Parents Judicial United Kingdom	Analyzing CPV in the context of domestic violence	Qualitative
Murphy-Edwards & van Heugten, 2018	C	N=14 parents	Community New Zealand	Exploring the CPV experiences of parents and caregivers, causes, response and impact	Qualitative
Pagani et al., 2003	L	N=778 adolescents/mothers	Community Canada	Examining the relationship between a stressful family situation, parental divorce, and verbal and physical aggression toward mothers	Correlation
Routt & Anderson, 2011	C	N=268 adolescents and parents	Clinical-Judicial United States	Exploring parents' experience of CPV incidents	Qualitative
Selwyn & Meakings, 2016	C	N=90 adoptive parents	Community United Kingdom	Exploring the relationship between CPV and adoption disruption	Qualitative
Tew & Nixon, 2010	C	N=84 families (adolescents and parents)	Clinical and Community United Kingdom	Analyzing family power relationships and their connection to CPV	Qualitative
Williams et al., 2017	C	N=8 (6 mothers and 2 grandmothers)	Clinical New Zealand	Exploring the psychological experience of CPV	Qualitative

C, Cross-sectional Study; L, Longitudinal study

Table 2 Descriptions of parenting skills, family functioning and social support in situations of CPV

Dimensions	Descriptions	Author(s)
Parenting skills	Parental inefficacy	Calvete, et al., 2015b; Eckstein, 2004; Edenborough et al., 2008; Holt, 2011; Laurent & Derry, 1999; Murphy-Edwards & van Heugten, 2018; Selwyn & Meakings, 2016; Tew & Nixon, 2010; Williams et al., 2017
	Negative emotions related to parenting role	Eckstein, 2004; Edenborough et al., 2008; Holt, 2011; Miles & Condry, 2015; Murphy-Edwards & van Heugten, 2018; Selwyn & Meakings, 2016; Tew & Nixon, 2010; Williams et al., 2017
	Parental dissatisfaction	Holt, 2011; Selwyn & Meakings, 2016
	Low levels of affection and communication	Calvete, et al., 2014a; Calvete et al., 2015b; Contreras & Cano, 2014a
	Low levels of inductive control and supervision	Cottrell & Monk, 2004; Eckstein, 2004; Laurent & Derry, 1999; Pagani et al., 2003; Selwyn & Meakings, 2016
	Emotional involvement (deprivation)	Calvete et al., 2014b; Calvete et al., 2015c; Murphy-Edwards & van Heugten, 2018; Tew & Nixon, 2010
	Submissive parenting	Laurent & Derry, 1999; Miles & Condry, 2015; Murphy-Edwards & van Heugten, 2018; Selwyn & Meakings, 2016
	Beliefs and attributions about children's violent acts	Calvete et al., 2015a; Calvete et al., 2017; Condry & Miles, 2014; Cottrell & Monk, 2004; Holt, 2011; Murphy-Edwards & van Heugten, 2018; Pagani et al., 2003; Tew & Nixon, 2010; Williams et al., 2017
Family functioning	Co-parenting conflict	Calvete et al., 2015c; Contreras & Cano, 2014b; Cottrell & Monk, 2004; Laurent & Derry, 1999; Pagani et al., 2003
	Family stress	Condry & Miles, 2014; Cottrell & Monk, 2004; Edenborough et al., 2008
	Transmission of CPV from older to younger siblings	Contreras & Cano, 2014a
	Acceptance of parent-child relationships based on violence	Eckstein, 2004
	Changes in family and personal routines	Condry & Miles, 2014; Miles & Condry, 2015; Murphy-Edwards & van Heugten, 2018; Selwyn & Meakings, 2016; Tew & Nixon, 2010
Social support	Secondary victimization	Cottrell & Monk, 2004; Eckstein, 2004; Edenborough et al., 2008; Holt, 2011; Miles & Condry, 2015; Murphy-Edwards & van Heugten, 2018; Selwyn & Meakings, 2016; Tew & Nixon, 2010; Williams et al., 2017
	Self-imposed social isolation	Eckstein, 2004; Edenborough et al., 2008; Selwyn & Meakings, 2016; Tew & Nixon, 2010; Williams et al., 2017
	Perception negative of social support	Cottrell & Monk, 2004; Edenborough et al., 2008; Holt, 2011; Tew & Nixon, 2010; Williams et al., 2017
	Social stigma associated with CPV	Brule & Eckstein, 2016; Edenborough et al., 2008; Holt, 2011; Miles & Condry, 2015; Selwyn & Meakings, 2016; Tew & Nixon, 2010

Reported Evidence for Family Functioning

Longitudinal Studies

The results of the study of Calvete et al. (2015a) indicated that parental transactional relationships are significant for adolescent externalizing problems such as CPV. Moreover, the CPV predicted changes in several components of social information processing in adolescents by increasing the likelihood of attributing hostility to the social environment, accessing violent cognitive scripts, and anticipating

positive consequences of abusive behaviors that, together, modified family dynamics.

The results of Pagani et al. (2003) show that, in general, CPV is found within a context of parental stress, which leads parental figures to assume permissive or incoherent behaviors that constitute risk factors for the development of CPV.

Cross-Sectional Studies

The reviewed studies found that CPV tended to coincide with other types of stressful events, such as martial conflict,

which further complicated the family situation (Calvete et al., 2015c; Contreras & Cano, 2014b; Cottrell & Monk, 2004; Laurent & Derry, 1999).

Some of the analyzed studies found that, in situations of CPV, parents tended to accept violent interactions as normal and the only way of resolving conflicts (Eckstein, 2004). Similarly, some results indicated that violent behavior tended to be replicated by siblings (Contreras & Cano, 2014b). Parental responses involving the alteration of family and individual routines to avoid confrontation are also observed (Condry & Miles, 2014; Miles & Condry, 2015; Murphy-Edwards & van Heugten, 2018; Selwyn & Meakings, 2016; Tew & Nixon, 2010), as well as high levels of family stress (Condry & Miles, 2014; Cottrell & Monk, 2004; Edenborough et al., 2008).

Finally, it is worth highlighting that the degree of family breakdown may be extremely severe in situations of CPV, in fact, to such an extent that, in the study of Selwyn and Meakings (2016), which was carried out with adoptive families exposed to this type of violence, the adoption process was disrupted in 50% of the cases.

Reported Evidence for Social Support

Longitudinal Studies

Regarding Social support, an interesting finding was that mothers who sought support through their social network faced a higher risk of verbal and physical abuse by their children (Pagani et al., 2003).

Cross-Sectional Studies

The analyzed articles reveal that, despite the families' need for social support, parents felt that they were the victims of secondary victimization, since, when they came into contact with law enforcement agents or other professionals, they felt blamed for their children's behavior (Cottrell & Monk, 2004; Eckstein, 2004; Edenborough et al., 2008; Holt, 2011; Miles & Condry, 2015; Murphy-Edwards & van Heugten, 2018; Selwyn & Meakings, 2016; Tew & Nixon, 2010; Williams et al., 2017).

Indeed, different studies found that reporting their children's behavior to the police was seen by parents as a last resort, and only occurred after prolonged exposure to violence (Routt & Anderson, 2011). Some studies also identified other experiences associated with CPV, such as self-imposed social isolation (Eckstein, 2004; Edenborough et al., 2008; Selwyn & Meakings, 2016; Tew & Nixon, 2010; Williams et al., 2017), a negative perception of available social support resources (Cottrell & Monk, 2004; Edenborough et al., 2008; Holt, 2011; Tew & Nixon, 2010; Williams et al., 2017) and social stigma (Brule & Eckstein, 2016;

Edenborough et al., 2008; Holt, 2011; Miles & Condry, 2015; Selwyn & Meakings, 2016; Tew & Nixon, 2010).

Discussion

The aim of this study was to carry out a scoping review to analyze available evidence regarding parenting skills, family functioning and social support in situations of CPV. Using the search strategy described in the Method section, 22 studies were identified to be focused on this issue.

Regarding the methodological characteristics of the identified studies, all had a quasi-experimental design and more qualitative than quantitative data analysis methods were employed. Preferably, cross-sectional studies have been carried out, and few longitudinal studies were identified. Although the cross-sectional studies do not allow for the identification of causal factors, they allow for a detailed description of CPV. Since CPV is a complex relational phenomenon, mixed designs are required to allow for the integration of findings (Tashakkori & Creswell, 2007), the exploration of causal relationships, and the inclusion of robust statistical analyses to facilitate the identification of mediating and moderating effects (Ato et al., 2013; Baron & Kenny, 1986; Hair et al., 2014; Hong et al., 2012).

In general, the studies with the largest number of participants were focused on community populations. Participants were diverse, with a large percentage of studies using samples made up of either parents or adolescents alone, despite the clear advantage of multi-informant designs (Achenbach et al., 1987). Moreover, given that it is a relational phenomenon, having information from both parties involved greatly facilitates our understanding of CPV (Condry & Miles, 2014; Pagani et al., 2004, 2009).

With respect to the origin of the samples, most of the studies included in the review were carried out in Europe and North America. To further our understanding of this phenomenon, it is important to determine its prevalence in other cultures, particularly among the Latin American and Asian populations. Cross-cultural studies would also provide valuable information (Beckmann et al., 2017; Ilabaca & Gaete, 2018; Moulds et al., 2018).

Studying a complex phenomenon such as CPV entails the risk of reducing its analysis to a limited number of variables in order to describe and understand the relational, social and affective processes underlying this violent behavior, a situation that is expressed in the methodological variability of the studies included in this paper. Generally speaking, the methodological differences observed in the CPV studies made it difficult to analyze the information derived from the obtained data, which made it necessary to identify and report those elements that appeared systematically, in order

to make it possible to build a cohesive body of scientific knowledge (Simmons et al., 2018).

Secondly, the reviewed studies provided empirical evidence in all three of the analyzed areas: parenting skills, family functioning and social support. In the field of parenting skills, the vast majority of studies found evidence of inadequate parenting practices, mainly characterized by a lack of control and negligence (Cottrell & Monk, 2004; Eckstein, 2004; Laurent & Derry, 1999; Pagani et al., 2003; Selwyn & Meakings, 2016), low levels of affection and communication (Calvete, et al., 2014a; Contreras & Cano, 2014b) and poor emotional engagement with children (Calvete, et al., 2014b; Murphy-Edwards & van Heugten, 2018; Tew & Nixon, 2010). This finding is consistent with that of a recent study by Del Hoyo et al. (2020), who identified a significant relationship between ineffective implementation of parental discipline and CPV.

The close association which exists between parenting practices and CPV is widely supported by empirical evidence; however, it is still unclear as to whether the parenting practices identified are precursors to or the result of the violence perpetrated, due to the lack of longitudinal studies. On the other hand, it is clear that a lack of emotional involvement (deprivation), negative emotions associated with parenting role and communication problems influence the development and continuation of CPV (Calvete, et al., 2014a; Edenborough et al., 2008; Ibabe & Bentler, 2016; Williams et al., 2017). Based on the above, parenting programs for CPV families should focus on the development of positive parenting styles, especially the demonstration of affection, warmth and support for their children (Calvete, et al., 2015b).

Moreover, the results reported regarding the adoption of submissive behaviors by parents suggest that, in addition to the negative physical, psychological, and economic consequences of CPV, violent acts perpetrated by children may also result in them controlling their parents' behavior (Laurent & Derry, 1999; Miles & Condry, 2015; Murphy-Edwards & van Heugten, 2018; Selwyn & Meakings, 2016).

Alongside inadequate parenting practices, the reviewed studies also reported consistent results regarding parental perceptions of parental ineffectiveness (Eckstein, 2004; Edenborough et al., 2008; Holt, 2011; Laurent & Derry, 1999; Murphy-Edwards & van Heugten, 2018; Selwyn & Meakings, 2016; Tew & Nixon, 2010; Williams et al., 2017). On some occasions, this low level of perceived self-efficacy led parents to believe that they had completely lost control and thus relented to avoid violent confrontation (Eckstein, 2004; Routt & Anderson, 2011; Tew & Nixon, 2010), as well as to establish an even more aggressive circle of interaction with their child in response to their violent behavior (Omer, 2004). These attitudes derived from a lack of security and confidence in their role as

parents; far from putting an end to CPV, such attitudes only served to further complicate the situation. Therefore, adolescents sometimes conclude that mistreatment is the only way to interact with their parents (Cottrell & Monk, 2004; Estévez & Góngora, 2009).

Given the difficulty of parents in exercising their adequate parenting skills (Edenborough et al., 2008), the intense guilt and shame experienced (Cottrell & Monk, 2004; Tew & Nixon, 2010), the exposure to secondary victimization and the lack adequate supports obtained (Miles & Condry, 2015), it is not surprising that parents hold inaccurate attributions for children's violent behavior and use strategies to deny, distort or hide their children's violent acts, which is an attitude that, in turn, may contribute to the increasing the number of hidden cases (Fernández-González et al., 2021; Kennair & Mellor, 2007).

Regarding family functioning, the results of the review revealed that CPV is associated with high levels of co-parenting conflict (Calvete, et al., 2015a, 2015b, 2015c; Contreras & Cano, 2014a; Pagani et al., 2003; Selwyn & Meakings, 2016), high levels of parental stress (Condry & Miles, 2014; Cottrell & Monk, 2004; Edenborough et al., 2008) and changes in everyday routines (Condry & Miles, 2014; Miles & Condry, 2015; Murphy-Edwards & van Heugten, 2018; Selwyn & Meakings, 2016; Tew & Nixon, 2010). Likely, these situations, coupled with the fact that parents tend to accept violent interactions as something normal in moments of conflict (Eckstein, 2004), often contribute to generating a negative emotional climate within families experiencing CPV, which in turn increases the risk of the aggressor's siblings replicating violent behavior patterns (Condry & Miles, 2014; Contreras & Cano, 2014b).

Lastly, the results found in terms of social support indicate that self-imposed isolation, which seems to be associated with situations of CPV (Eckstein, 2004; Edenborough et al., 2008; Selwyn & Meakings, 2016; Tew & Nixon, 2010; Williams et al., 2017), may be explained by the revictimization experienced by parents and the social stigma associated with this type of violence (Brule & Eckstein, 2016; Condry & Miles, 2014; Cottrell & Monk, 2004; Eckstein, 2004; Edenborough et al., 2008; Holt, 2011; Miles & Condry, 2015; Murphy-Edwards & van Heugten, 2018; Routt & Anderson, 2011; Selwyn & Meakings, 2016; Tew & Nixon, 2010; Williams et al., 2017).

It would be interesting to explore in future research the role that professionals play in social isolation. The reluctance of parents to contact law enforcement or seek formal social services is a serious problem that needs to be addressed, especially given the role of these institutions in the intervention of these cases (Coogan, 2014; Gallagher, 2004). On the other hand, it is essential to strengthen family care policies and facilitate the availability of social work and mental health professionals (University of Brighton, 2012;

Wilcox & Pooley, 2015), considering their high psychosocial risk (Moulds & Day, 2017).

Limitations

Although the present review offers a valuable systematization of information based on the identification and exhaustive analysis of existing studies, it nevertheless has some limitations. Firstly, by including only studies published in English and Spanish, the information reported by studies published in other languages was lost. Secondly, the methodological and contextual diversity of the studies required the identification of variability sources and a subgroup analysis.

Conclusions and Practical Implications

This review provides evidence of the ecological character of CPV, since this investigation was focused on personal, interpersonal and social variables of different ecological systems (Bronfenbrenner & Morris, 2007). Furthermore, the conclusions of the revised longitudinal studies provide concrete evidence on the transactional nature of this phenomenon.

The results revealed sound empirical evidence regarding the inadequate parenting skills that are associated with CPV, as well the conflictive family relationships that occur due to its presence. Despite their need for support, the data indicate that families in situations of CPV feel a certain amount of mistrust in formal support resources, and the revictimization and social stigma they experience only serve to increase their isolation. Statements made in certain fields and by certain institutions, claiming that parents are always responsible for their children's actions and should always be able to exert power over and control them, do nothing to help visualize the problem in all of its many dimensions, and only serve to conceal the far-reaching consequences of this phenomenon for the families involved.

The results of this systematic review reveal the specific intervention needs of families in a situation of CPV at the personal, family and social levels. In accordance with current initiatives to support and care for families aimed at family training and strengthening, researchers propose the development of preventive and promotional actions that strengthen family systems in adverse conditions (Child Welfare Information Gateway, 2013; Pote et al., 2019), with both adolescent abusers and parents being direct protagonists from a systemic approach (Pereira, 2011, 2019).

Specifically regarding the latter, we want to emphasize the importance of promoting positive parenting programs that favor the acquisition of parenting skills that improve the exercise of parenting in parents experiencing CPV situations (Rodrigo et al., 2009).

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Declarations

Conflict of Interest The authors declare that the research was conducted in the absence of any commercial or financial relationships that could be construed as a potential conflict of interest.

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