Conceptualizing Trauma for Children of Drug Addicted Mothers: A Developmental Mapping

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Abstract

Children of drug addicted mothers are exposed to highly stressful experiences and experience high levels of psychological and emotional distress, alongside psychiatric nosology with multiple comorbid symptoms. The following study extends the work of Lombard, et al. classify the consequences of prolonged or ongoing trauma of children of addicted mothers using lifespan domains. Children of addicted mothers are often exposed to severe and ongoing events of trauma, or environments that are not conducive to adequate development, resulting in a complex array of comorbid and compounding physical and psychological problems. Results showed that the prevalence of trauma experienced by children were categorized as being from social and physical domains, with the emotional domain (reported neglect=26) also being high. These experiences resulted predominantly in behavioral problems and emotional problems. The most salient problems included a child who reported hearing the devil speak to them in an ongoing manner, two children reporting attempted homicides on siblings, and three children reporting hurting animals. Further research in capturing and detailing the extent of the trauma experienced and the resulting lifespan domain problems is necessary.

Keywords: Trauma; Children; Mothers; Lifespan domains

Introduction

Children of drug addicted parents experience ongoing and multiple levels and forms of trauma [1,2] and these damaging experiences lead to several psychological problems and psychiatric nosology along with comorbid symptomologies [3-8]. Regular and ongoing exposure to trauma is likely to have a significantly negative impact on the development of children (i.e. social, emotional, cognitive physical) at all levels of their lifespan [3,4,9,10]. This paper extends the findings of Lombard, et al. [1] to capture the implication of prolonged traumatic experiences among children of addicted mothers using lifespan domains. Very few studies have accounted for prolonged trauma and its implications in the manner of this current study.

Trauma can be the result of several negative experiences such as sexual abuse or exposure to domestic violence but the experiences of children of addicted parents are likely to be far more traumatic, as these harmful experiences are likely to be ongoing leading to a complex array of problems and behaviours [4,5,8,11-13].

Children of drug-addicted parents are exposed to various adverse experiences and environments all leading to a severe and extreme level of distress, psychological anguish and emotional suffering [14,15], i.e. trauma [5]. For example, children are exposed to use of drugs inhalers/ syringes and needles laying around; are victims of abuse and neglect; witnesses to domestic violence; experience long periods of isolation; face poverty, malnutrition, and experience regular sickness; are regularly exposed to illicit material and mothers having multiple partners; and with no consistent schooling or supportive environments [4,6-8,16-24]. What makes the above-mentioned experiences uniquely more traumatic is that these experiences are likely to be ongoing, regular and continuous. In other words, children born into families of addicted parents might never escape from those negative environments and experiences.

Consequently, due to the ongoing and regular exposure to severe negative environments and experiences, children are more likely to end up living in unstable environments with little or no attachment to parents/caregivers, and are likely to contemporaneously experience multiple losses through their parents’ transient lifestyle, having no friends due to multiple short placements in schools/communities, experiencing gaps/deficits in learning and have few material possessions [16-24].

Further, because of this, children are likely to engage in a variety of both internalizing and externalizing behaviors, for example: engaging in aggressive behavior, physical aggression, destruction of property, deviant behaviors, experience several emotional complications such as shame, depression, worthlessness, impulsivity, and lack of self-control [11]. Thus, children who were regularly exposed to trauma are likely to externalize and internalize behaviors either to defend or cope in an overt or covert manner. Furthermore, children of drug addicted parents may have their care and well-being affected by that parent’s drug use. The relative complexity of the context of children of drug addicted parents is further compounded by the absence of contemporary studies and a developmental understanding of the impact on the child [25].

Context of the Study

In understanding trauma of children of addicted parents, a sense of urgency is required that the care, well-being and safety of the child is paramount. Irrespective of the kind of trauma experienced, children of addicted mothers are exposed to detrimental negative experiences and are more likely to have significant ongoing social, emotional, physical and cognitive problems as a result of continuing
traumatic experiences as compared to their peers who do not live with an addicted parent. This paper takes the view that children of drug addicted mothers experience irrevocable trauma and any conceptualization of trauma of this particular group of children needs to be extended to include both the nature and severity of the ongoing exposure to their adverse experiences and environments. This study captures the trauma and its implications among addicted mothers, by classifying these experiences under specific lifespan domains.

Methods

Participants

This study reviewed 36 archived files from 2005 to 2011 of mothers seeking assistance at a residential drug rehabilitation center. A total of 69 (male=39, female=30) children were documented in these files; the age range was from birth (born in the center) to age 18 years-of-age. Two children were identified as Indigenous. A total of 31 children were under school age, 32 children were enrolled in primary school and 6 in secondary school.

The time period of mothers being addicted to drugs ranged from 8 years to 18 years, and most mothers were addicts of licit (e.g. alcohol, n=13); illicit/illegal (e.g. amphetamine, n=8; heroin, n=4; speed, =4; marijuana, n=2; and ice, n=1) and illicit/pharmaceutical drugs (e.g. benzo, n=1; methadone, n=1; and pharmaceutical, n=1). While these were primary drug of addiction, mothers used a combination of drugs and were addicts of more than one drug.

Design

Archival files (i.e. in-house, intake) were non-medical and captured intake background information of both the mother and the child. The following information was extracted from the archival files: age of the mother, and primary and secondary drug addiction of the mother. With regard to the participants, the following information was extracted: gender, age at the time of intake, number of siblings, age of siblings, birth order, and all child related experiences, symptomologies, concerns, and problems.

Data collection

Both traumatic experiences and child reported problems were extracted from the archival files and experiences were classified using lifespan domains in terms of locating traumatic experiences and their implications. The study No: H0015080).

Data analysis

Experiences were mapped against lifespan domains (social, emotional, cognitive and physical) as shown in Table 1.

Table 1: Traumatic events or experiences.

| Social | Emotional | Physical | Cognitive |
|--------|-----------|----------|-----------|
| • Living in a single parent [maternal] home | • Reported neglect | • Maltreated [17] | • Inconsistent or transient schooling [18] |
| • Inconsistent or transient schooling | • Witnessed family violence [19] | • Regularly required medical treatment [11] | • Hearing the devil speaking to them [1] |
| [18] | • Insecurely attached [9] | • Had never accessed medical or dental treatment [11] | |
| • Transient or regularly changing home | • Suicidal [3] | • Victims of physical abuse [10] | |
| [18] | | • Victims of sexual abuse [8] | |
| • Isolated [14] | | • Required dextoed at birth [4] | |
| • Removed from the home [12] | | | |

Table 2 shows the behaviors that were revealed by children as a result of ongoing trauma in their life. Externalizing behavioral problems were the most prevalent, with odd/disturbing behaviors [21] and aggressive behaviors [21] being the most highly reported. The hurting of animals [3] and attempted homicides of siblings [2] were the most alarming behaviors reported. Emotional issues were the next most prevalent, with angry [21], and emotional instability [14] being the most reported. A unique cognitive problem was the reporting of a child who stated that they had heard the devil speaking to them.

This may be indicative of a possible undiagnosed case of psychosis or schizophrenia (i.e., delusions or hallucinations) [5]. While there was not a large range of physical concerns, the prevalence of each one was quite high, with physical abuse [10], sexual abuse [8] and also symptomologies of enuresis and encopresis [13] being revealed. Social behaviors were more closely correlated to internalizing behaviors with submissive [14], isolated [14] and avoidant [8] being highly reported, and interestingly a high prevalence of externalizing manipulative/ dominating [9] were reported.
experiences are ongoing or consistent manner without the option for classifying the children hurting animals and that two children who attempted these behaviors being that in submission and isolating behaviors, to opt out, stay away or avoid the events of experiences. To this end, the study also confirmed that the behaviors and problems are found to be ongoing and not just as a one-off occurrence due to sustained exposure to traumatic events and experiences. The current study found similar findings which stated that the length of exposure and the degree of that exposure has a negative impact on the child.

Classifying both traumatic experiences and child reported problems in terms of the lifespan allowed a deeper insight into precisely classifying the specific problem experienced relative to lifespan domains. Such classification clearly distinguished and categorized problems and experiences to show how trauma is experienced across domains. Further, problems in terms of externalizing behaviors were the most prevalent, with the most concerning perhaps being the three children hurting animals and that two children who attempted homicides of siblings.

These extreme behaviors are alarming, particularly because of the sample size of 69 children, and all children being under 18 years of age. Hurting animals could also be an indicator of potentially more serious concerns including and extending to psychological disorders. Internalizing behaviors were also highly prevalent, with the majority of these behaviors being that in submission and isolating behaviors, which may be the result of avoidance or inability to cope in a healthy manner with the kinds of trauma, these children have experienced and are likely to lead to very complex secondary symptomologies. The important salient problem was one child reporting that they heard the devil speaking to them in an ongoing manner, which could be a potential undiagnosed case of psychosis or schizophrenia and is a clear indication of the depth and severity of experiencing trauma [15].

Future studies must carefully investigate whether specific traumatic experiences lead to problems in the same lifespan domain or whether it extends to several other lifespan domains; this can be examined by a longitudinal study examining implications of trauma across the lifespan. Equally, future studies must undertake a qualitative inquiry into capturing the voices of children to document their real-life experiences of what trauma looks like through their eyes as it may provide key insight into behavioral effects and developmental problems. Such a qualitative study will provide critical insights, into learning to what extent aggressive and harmful behaviors are used to cope or survive trauma.

One limitation of the study was that it was unable to fully document all the behaviors of children, and importantly, caution must be exercised not to interpret the above-mentioned findings to casual, as this study was archival in nature and further the etiology of problems could not be determined. In any case, clinicians, educators, and policymakers must be aware of the complexity of trauma and problems among children of addicted mothers. Another limitation of the current study is the low number of participants, minimizing the possibility to generalize the findings beyond a single case study example. Likewise, it is difficult to identify complex lifespan aspects from single intake case files, without access to further psychometric measures.

The above said, the results indicate that children of drug addicted parents do suffer from a number of cognitive, psychological and well-being issues. However, what is not known from the current study is if children of these drug affected parents “catch-up” to their peers over time. Thus, it is important to investigate how potential risk factors interact with other risk factors as children of drug addicted parents grow older. Given, that experience of trauma and the issues associated with it are so complex and multi-layered, future studies must identify and explore evidence-based treatments and interventions that have proven to be effective for children of addicted mothers.

### Table 2: Effects of traumatic events or experiences.

| Domain                          | Example                          |
|---------------------------------|----------------------------------|
| Cautious of opposite sex        | [2]                              |
| Internalizing                   | [7]                              |
| Low self-esteem                 | [7]                              |
| Withdrawn                       | [6]                              |
| Suicidal                        | [3]                              |
| Enuresis and encopresis         | [13]                             |
| Significantly overweight        | [6]                              |
| Destructive                     | [9]                              |
| Constant lying                  | [6]                              |
| Hurting animals                 | [3]                              |
| Promiscuity                     | [2]                              |
| Attempted homicide of siblings  | [2]                              |
| Passive aggressive              | [2]                              |
| Brain damage                    | [1]                              |
| Premature birth                 | [8]                              |
| Heroin-dependent                | [3]                              |
| Amphetamine dependent           | [1]                              |

*(n) indicates the number of reported incidents
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