Medical Neglect of the Child

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The medical carelessness of the child still remains an actual topic despite the evident evolution of the society from the last years. The study has been made during 12 months on 370 of hospitalized cases, showing worrying levels of the medical carelessness percent which attains to 80%. The percent is linked to modifications of certain parameters, the elaboration and the use of standardized questionnaires may represent an useful instrument of the medical abuse recognition since the anamnesis moment.

Keywords: neglect, child, abuse

The experimental part

Methods and Materials

Defining neglect is not an easy task. The World Health Organization [2] defines child neglect as the failure to provide for the development of the child in all spheres: health, education, emotional development, nutrition, shelter, and safe living conditions. This failure must be gauged in the context of resources reasonably available to the family or caretakers and whether it causes or has a high probability of causing harm to the child’s health or physical, mental, spiritual, moral, or social development. The WHO definition also includes the failure to provide proper supervision and protect children from harm whenever possible [2]. Appleton [3] emphasizes that neglect can rarely be identified from a specific incident; rather, it most often relies on health care providers, teachers, day care workers, and other professionals working with children to make a decision about the inadequacy of ongoing care of the child within the context of the child’s family.

In 2015, 4.4 million reports of alleged child maltreatment were made to Child Protective Services (CPS) in the US involving 7.2 million children. About 2.1 million of these reports were investigated in detail and about 683,000 maltreated children were identified. Both sexes are affected equally; the younger the child, the higher the rate of victimization.

About three fifths of all reports to Child Protective Services are made by professionals who are mandated to report maltreatment (eg, educators, law enforcement personnel, social services personnel, legal professionals, day care providers, medical or mental health personnel, foster care providers).

Of substantiated cases in the US in 2015, 75.3% involved neglect (including medical neglect), 17.2% involved physical abuse, 8.4% involved sexual abuse, and 6.9% involved other forms of abuse including psychological maltreatment. Many children were victims of multiple types of maltreatment.

About 1670 children died in the US from maltreatment in 2015, about three quarters of whom were < 3 yr. Over 70% of these children were victims of neglect and 44% were victims of physical abuse with or without other forms of maltreatment. More than three quarters of perpetrators were parents acting alone or with other individuals, and about 25% of child abuse fatalities were perpetrated by the mother acting alone [4].

Certain familial/caregiver factors place children at increased risk of experiencing neglect. These factors are essential barriers that diminish the parent’s ability to provide adequate care. When considering a diagnosis of
neglect, it is crucial to assess the situation for potential barriers preventing the parent/caregiver from providing adequate care [5]. A major factor limiting the ability to provide adequate care is a lack of financial resources, which can affect nearly every aspect of care from health care to education. Poverty can affect the ability of the parent/caregivers to provide adequate supervision (e.g., when the parents need to work but do not have the resources to pay for child care), housing (which can also affect the child’s educational status, because a stable address is necessary for school enrollment), dental care, nutrition, clothing, and safety (car seats are expensive, and parents may not have the resources to purchase one). Clearly, familial financial resources and the lack thereof can have serious negative consequences on the ability of the parents to meet even the most basic physical needs of their child. Specific familial economic factors may be associated with an increased likelihood of child neglect. Slack and colleagues [6] found poverty to be a strong predictor of child neglect. Specifically, receiving financial assistance from a family member and receiving food from a food pantry were associated with increased neglect, which could indicate that families who resort to these forms of assistance may be experiencing severe economic stress and struggling to get by. Some parents/caregivers may have physical health, cognitive, mental health, or substance abuse concerns that limit their ability to provide safe and adequate care for their children [6]. Physical health problems can obviously impair caregiver ability to provide basic physical care (e.g., bathing, preparing food, and laundering clothes). Caregiver cognitive, mental health or substance abuse concerns may affect the caregiver’s ability to understand the importance of providing nearly every aspect of adequate care, from health care to love and nurturance. Parents with these concerns may honestly not know how to meet even the most basic needs of their children or may be so impaired that they are oblivious to the needs of their children.

Cultural and/or religious beliefs may limit the ability of the parent/caregiver to meet their children’s needs at a level that is deemed adequate by the larger society. Jehovah’s Witnesses or Christian Scientists may have religious beliefs that conflict with the recognized standard of medical care for a particular diagnosis. Certain cultures also engage in folk practices to treat illness (e.g., coining or cupping) that may affect a parent’s decision to seek medical care for his or her children when they are ill, and some cultures have practices to mark rites of passage (e.g., genital mutilation) that are viewed as neglectful or abusive to the larger society.

Neglect can be represented in many different forms. Box 1 provides a list of different types of neglect, with some specific examples of neglectful situations. Medical and supervisory neglect will be discussed in some detail, because the PNP may be more likely to address these types of neglect in practice. Neglect is multifaceted, and neglect and other forms of child maltreatment rarely occur in isolation. A neglected child is at increased risk to also experience physical, sexual, or emotional abuse. A child also may experience multiple types of neglect.

- Physical (e.g., failure to provide necessary food or shelter, or lack of appropriate supervision)
- Medical (e.g., failure to provide necessary medical or mental health treatment)
- Educational (e.g., failure to educate a child or attend to special education needs)
- Emotional (e.g., inattention to a child’s emotional needs, failure to provide psychological care, or permitting the child to use alcohol or other drugs).

The effects of neglect on children can be significant and long term, with children’s physical and mental health and psychosocial and cognitive development affected [7]. The physical effects of neglect can be relatively immediate, such as injuries resulting from inadequate supervision, delay/failure to seek proper medical care, or failure to follow through with the recommended health care plan. Physical consequences of neglect can range from minor to the most severe, and can even result in death. Studies have linked neglect to negative health care consequences extending into adulthood. Teicher and colleagues [8] found differences in the brains of children who experienced neglect. Smaller sizes of the corpus callosum were noted. The Adverse Childhood Experiences Study investigators found that children who experienced neglect were more likely to experience liver disease as adults [9], ischemic heart disease [10] (Dong et al., 2004), and asthma and lung cancer [11]. Tietjen and colleagues [12] suggested a relationship between neglect and migraines and comorbid pain conditions in adults. Specific elements of neglect were linked to adult delinquency: failure to supervise; a disorganized, chaotic family; and parental separation [13]. Hayden, Hussey, and Halpern [14] found that experiencing physical neglect as a child placed young adult women at increased risk of engaging in high-risk sexual behaviors and testing positive for sexually transmitted infections (e.g., chlamydia, gonorrhea, and trichomonas).

Neglected children have more problems with consistent school attendance, repeating grades, and poorer grades than do non-neglected peers. Children removed from their homes for neglect experienced more days in out-of-home care and were less likely to reunify than were children removed for abuse [15, 16].

Davidson-Arad and colleagues [17, 18], in a study to compare characteristics of children assessed as neglected versus those assessed as accident victims, found that neglected children were twice as likely as accident victims to have had health problems and three times more likely to have had developmental problems. Neglected children were more likely to have had prior psychological treatment and a previous hospital referral to a community agency. Families of neglected children are more likely to live in poverty and be clients of the social services and receive state support, and their mothers are more likely to be unemployed [16].

Results and discussions

The 2-year-old OD patient from rural area presents with anorexia, intermittent vomiting, diarrhea. The child comes from rural areas from a family with food taboos (ovo-lacto-vegetarians).

The condition to the hospital admission is impaired pale, uncooperative, labeled with psychomotor retardation, precordial systolic grade 2 murmur, pale skin, sabular tongue, supple abdomen, lazy abdominal skin fold, vomiting, diarrhea, weight = 10 kg. From antecedents, anorexia is installed for about 6 months, it is refractory to treatment, and after collaboration with the general practitioner it is contemporary with equilibrium disturbances, with the stress of the psychomotor retardation and the consequence of a convulsive crisis with spontaneous remission. Immediately after admission, urgent measures are instituted with hydroelectrolytic recovery, broad spectrum antibiotic treatment, antidiarrheal treatment, but despite all the measures applied, the patient died within the first 4 hours from admission.
The cause of death is determined by the anatomo-pathological exam - cerebral abscess on½ left hemisphere, which explains the equilibrium disorders, convulsions, anorexia, vomiting, infectious impregnation, anemia, the serious condition of the child.

The family’s ignorance, the low education grade, poor hygiene, limited access to information and medical care make abuses on children possible which end dramatically.

This was the starting point for a study on child health abuse.

The abuse refers to any form of intentional violence against the child or any harmful treatment that does not always involve violence. In the case of child abuse, there is an unequal relationship in relationships where the abuser holds control or can influence / manipulate the child’s actions and deliberately and consciously endangers the development, health or life of the child on a long term.

Among the many forms of abuse (verbal, physical, alienation, emotional, etc.), is distinguished a particular form - the abuse by medical aid deprivation. This is a form of bad treatment applied to the minor, a neglect of parental inertia in giving access / medical treatment to the child, resulting in damage the child’s health.

Medical negligence may be permanent, as in the case under study, resulting in serious death or temporary situations, related to the parents’ inability to notice changes in the child’s state of health and to act properly by presenting to the physician.

A 1-year study was conducted on 370 hospitalized patients with various health conditions and ages between 0-3 years. From these, 303 (82%) have presented a form of medical neglect. The majority were from rural areas (79%), 239 cases and 64 from urban areas (figs. 1,2).

A questionnaire was developed with certain characteristics: parents age, the degree of instruction, the economic and financial situation, mono-/biparental families, abandoned children, natural alimentation, the access to the medical services, food/religious taboos, absence or excess hygiene, affiliation to sects/ethnicities, drug abuse, other forms of physical / emotional abuse.

The results have been somewhat surprising. Extreme variants (> 40 and <15) were found to be 15% from the total number of cases, 70% / 30 cases being minor mothers from rural areas.

Most mothers showed a low or medium level of schooling - 50 had higher education, 147 graduated high school and 65 primary (fig. 3).

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Here comes the syndrome of bruised child, sentimental blackmail, physical punishment, or emotional restriction. The affiliation to ethnicity/religious sects belonged to 9% of all cases.

Hygiene deficiency occurred in 42% of rural areas and 19% in urban areas.

Drug abuse, in particular antibiotics administrated unexpectedly, has been found out at 15% of cases (45 children) and from these ones 73% in rural areas (33 cases) and 27% from urban areas (12 cases) (fig. 6).
Another parameter studied was the number of hospitalization days for the studied group. In previously abused/deprived children, it was prolonged on average by 1-2 versus patients who did not experience a form of abuse. The family’s socio-economic level is inversely proportional to the possibility of neglect.

Conclusions
Elaboration of patented questionnaires could be a useful tool for the clinician to appoint since the beginning the child as being medically neglected. Among the multiple classified forms of abuse, child neglect can take serious forms: from severe deficiencies, treatment deficiency to exitus. Increasing the level of education, the socio-economical level is correlated conversely proportional with medical abuse. The abuse is represented more or less, excess medication being as dangerous as lack of medication. The intervention of primary medicine in disadvantaged areas could improve the level of information deficits and neglect of the child. The integration into the curriculum of medical education courses could reduce the perception errors on the child’s health condition.

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