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EPIDEMIOLOGICAL PROFILE AND SUBSTANCES USED OR SUSPECTED INVOLVING VIOLENCE AND/OR MISTREATMENT AGAINST MINORS DURING 2020-2025.

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RESUMO

Introduction: The Toxicological Information and Assistance Center of Santa Catarina, Brazil (CIATox/SC) is a free and universal public health service that provides guidance for the treatment of intoxications of the Santa Catarina State. Sometimes, some cases can involve abuse or mistreatment of babies, children, and adolescents. In this scenario, data obtained from this support can be useful to social services, police, and legal systems. **Objective:** To report the registered occurrences of minors' intoxications involving violence and/or mistreatment between 2020 and 2025. **Method:** This study was performed with reported data from the Brazilian Poisoning Data System (DATATOX) from the CIATox/SC. **Results:** There were 50 cases reported. The year of most occurrences was 2022, with 14 registrations. Most minors were male (54%). The minors ranged from newborns (1 case), babies (22%), toddlers (22%), children (20%), pre-teens (8%), and teens (26%). People under 10 years represented 66% of registers. Most were classified as mild in severity (72%), though there were moderated (8%) and severe cases as well (8%), and no deaths were stated. Time from exposure to assistance ranged from 15 minutes to 2 months. Most violences happened within their residencies (54%), followed by public environments (18%) and schools/daycares (16%). Manifestations were primarily oral (68%), followed by ocular (6%) and respiratory or cutaneous with 4% each. The main substances utilized were cocaine (22% of cases), benzodiazepines (10% of cases), alkaline bases (8%), and tetrahydrocannabinol (8%). **Conclusion:** Data obtained from CIATox/SC database are extensive and detailed, and can be a critical tool in forensic cases, aiding police with their investigations and the legal system in proper judgement. **Acknowledgements:** CAPES, CNPq, Federal University of Santa Catarina and CIATox/SC.

PALAVRAS-CHAVE: children, adolescents, intoxication, forensics

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