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Study/Objective: The objective of this study was to conduct a retrospective observational audit of medical toxicologic cases presenting to Princess Marina Hospital (PMH) in Gaborone, Botswana.

Background: The burden of disease, secondary to toxicologic insults in Africa is difficult to assess. No reliable epidemiological data exists due to poor documentation, scarce resources for reporting, and diagnostic challenges. Only 10 of 58 African countries have Poison Control Centers to direct care and compile epidemiologic data. Botswana currently does not have a poison control center.

Methods: A database was created to record anonymous data on all patients with toxicologic insults presenting to the Emergency Department (ED) at PMH from January 1, 2016 to June 30, 2016. The de-identified variables extracted from patient files included age, date of presentation, sex, comorbidities, vital signs, treatment received, disposition, HIV status, and severity assessment using the Acute Physiologic and Chronic Health Evaluation II (APACHE II) and Poisons Severity Score (PSS).

Results: In total, toxicologic complaints comprised about 2% of patients presenting to the ED at PMH during this time period. The most common complaints were paraffin, paracetamol, ibuprofen poisonings, scorpion and snake bites. The percentage of female toxicology patients varied proportionately with age with 38% female from age 0-15 to 67% from age 16-55. The percentage of poisonings that were intentional also increased with age with 6% intentional between ages 0-15 to 83% between ages 16-55. The route of exposure was overwhelming oral (86%) and approximately 60% of patients were admitted to the hospital for further monitoring.

Conclusion: This descriptive study is important for directing the allocation of resources towards medical toxicology, prevention campaigns, patient and medical education, and clinical guideline development, with the goal of ultimately improving patient outcomes. This study is also important in furthering the field of clinical toxicology research.

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Integral Care to Ground Transportation Accident Victims Attributed by Hospital Emergency Nurses

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Study/Objective: Qualitative research Objective: Understanding, from the nurses' perspective, the meaning of the integral care to the ground transportation accident victims.

Background: The integral care to the ground transportation accident victims does not restrict itself to the usage of therapeutic resources, it involves social and technical conditions. Presents deep roots in the social, economic and political structures.

Methods: It's a qualitative research supported on the presupposed of the Grounded Theory was adopted and as a theoretical reference to the Integrality in Health. The data were collected from June to September 2015 through semi-structured interview with 36 health professionals from the emergency sector of a public hospital in Santa Catarina.

Results: The analysis of the data has resulted in the central category: Promoting the integrality in the attendance to the ground transportation accident victims. The nurses have expressed the dimension of the integral care in an assistance model centered in the offer of services that attend partially the citizens' necessities. The participants realize that as inerrant difficulties: the non-restrict access; the lack of intersectoral articulation, bad conditions of work, excess of patients; having critical patients next to stable ones; scarcity of resources; overload in the team; young professionals with a few clinical backgrounds and the non-continuity of the care.

Conclusion: It's indispensable that the actions of these professionals transcend the hospital environment. For this, there is the necessity of interlocution among the services, visualizing thus the materialization of the Health Attention Nets, which are the primary cares, the specialized attention (outpatient and inpatient) and urgency and emergency care. The study points to the necessity of structural reformulation in the care process and conceptual on the assistance to the victims of these accidents, which will reflect on the way of see and act of these professionals involved in this attendance.

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Context of the Care to the Ground Transportation Accident Victim in Hospital Emergency

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Study/Objective: Qualitative study, supported on the Grounded Theory and in the Health Unique System Integrality principle, which the goal was to understand how the integral care to the ground transportation accident victim is organized in a hospital emergency service.

Background: The performing of an integral care to the ground transportation accident victims does not restrict itself only to the usage of therapeutic resources, but it also involves social and technical conditions. This phenomenon presents deep roots in the social, economic, and political structures, as well as in the individual consciousness, in a dynamic relation among the involved people.