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A Clinical Study of Poisoning Cases in Tertiary Care Hospital

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Abstract : Nowadays, poisoning is very common and its mortality is very high in developing countries. So, the main objective of the study was to describe the socio-demographic profile of poisoning cases and related mortality among patients admitted in a tertiary care hospital during the period from May 1st to May 31st 2017. A total of 101 poisoning cases were attended. Data were collected after obtaining informed consent from the patients. From the statistics analyzed, 57 (56.4%) were males and 44 (43.6%) were females. Most of the cases were from the age group of 21-30. From the study, pesticides were the common cause of poisoning (45%) followed by drug overdosage (16.5%) and envenomation (15%). Most of the cases were found to be intentional (88.7%). Mortality rate due to poisoning was 10.7% among which 6.9% were males and 3.8% were females. Thus the mortality rate can be reduced by better medical management and further sales restriction on the most toxic pesticides. In addition to above measures, establishment of poison information centre is essential for the prevention of poisoning cases.

Key words: Socio-demographic profile, Pesticides, drug overdosage, intentional poisoning and mortality rate.

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