

ABSTRACT

Aim:

1. To find out the incidence of various diseases that causes sudden death in individuals who have no history of any pre-existing diseases.

Objectives:

To identify Various Causes, Risk factors, age and sex distribution associated with sudden death cases with no history of any pre-existing diseases.

Methodology:

The present work will include study of brought dead cases with no history of any known preexisting disease autopsied in the Department of Forensic Medicine & Toxicology, Govt. Kilpauk Medical College and Hospital from September 2015 to August 2016.

RESULTS

Out of the total **2911** number of Post Mortem conducted between **1-09-2015 to 31-8-2016**. (**100 cases**) of deaths due to sudden death cases with no history of any pre-existing disease are taken up for study.

Maximum number of deaths i.e., **42 Cases (42%)** occurred in the **age group of 36-40 Years**, followed by **30-35 Years age group**.

Maximum number of cases who died due to sudden death, **81 cases (81%) was more in males** when compared to that of females. Majority of the Sudden Death victims were belonging to **Hindu religion**.

Majority (**65%**) of the victims of sudden death belongs to **Urban** area.

Majority of the victims who succumbed to sudden death were **married**.

Majority of the victims who succumbed to sudden death were **Laborer's by occupation**.

Majority of the victims who succumbed to sudden death have studied only up to **Middle school education (51%)**, followed by **High School Education (18%)**.

Majority of the victims who succumbed to sudden death were **addicted to Alcohol (32%)**.

Maximum incidents of sudden death (**34%**) occurred during **January to March**.

Maximum incidence of sudden death occurred between **12.00 P.M. to 06.00 A.M (34%)**, followed by **6.00 A.M. to 12.00 P.M. (28%)**.

Maximum incidence of sudden death took place at **home (46%)**. Maximum number of cases died due to sudden death presented with complaints of **sudden unconsciousness (46%) as presenting complaints**.

Majority of the cases who died of sudden death was confined to the **Cardio Vascular system (47%)**. Majority of the deceased died due to **Coronary Arterial Heart Disease (35%)** followed by **Tuberculosis (10%)** and **Intracranial Haemorrhage (8%)**.

Keywords: Sudden, unexpected, death, natural death autopsy, coronary arterial disease, young adults.