

# A descriptive study to assess the knowledge regarding effective use of emergency medical services for road traffic accident among nurses working in emergency care department in selected hospitals of Indore in the year 2022-23

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## **Abstract - BACKGROUD OF THE STUDY:**

**An emergency is a situation that affect the wellbeing of individual, community, and society in the event of an unexpected injury , trauma and illness . On the other hand emergency department are all services provided by the nurses who have completed their training and have enough skill in this field. Emergency services also defined as the department providing by the health worker to protect patient from death or permanent disabilities in case such as sudden accidents since incidents called emergency can be announced at any time emergency department are provide 24 hours a day.**

**In order to provide effective care in emergency department's qualified personnel with sufficient knowledge and skills are required.**

H2- There is a significant association between knowledge regarding road traffic accident with their selected demographic variable.

## METHODOLOGY

A descriptive study was used for this study. The study is carried out in selected hospitals of Indore. The sample comprised of 20 staff nurses. The staff nurses were selected by purposive association between the level of knowledge with selected socio-demographic variable .

## MAJOR FINDINGS

### STATEMENT OF PROBLEM

A descriptive study to assess the knowledge regarding effective use of emergency medical services for road traffic accident among nurses working in emergency care department in selected hospitals of Indore in the year 2022-23.

### OBJECTIVES

1. To assess the effective use of emergency medical services among staff nurse
2. To find out association of effective use of medical services with selected demographic variable.

### HYPOTHESIS

H1- There will be less knowledge regarding road traffic accident.

1. Among the all staff nurse, 2 (10%) nurses are between the age group of 18-20 years, 15 (75%) nurses are between the age group of 21-30 years and 3 (15%) nurses are between the age group of 31-35.
2. Majority of staff nurses were married 12 (60 %) and remaining were unmarried 8 (40 %).
3. Majority of staff nurses are females 18 (90%) and remaining are male 2 (10%).
4. Among all staff nurses, 7 nurses (35%) have qualification experience of 1-3 years, 8 nurses (40%) have qualification experience of 3-5 years, and 5 nurses (25%) have qualification experience of 5-10 years.
5. Majority of the staff nurses are qualified in B.sc nursing 12 (60%) and remaining are qualified in GNM nursing 8 (40%).

6. The mean knowledge score was 14.65 with the standard deviation of 3.824.
7. The overall mean knowledge score of questionnaire was found to be 14.65 with the standard deviation of 3.824.
8. The obtained “chi- square “value is 30.144 is greater than the table value at 0.05 level of significance. Therefore, “chi” value is found to be significance. It shows that there was significant difference between the knowledge regarding road traffic accidents with their selected demographic variable. Therefore, the research hypothesis (H2) is accepted.