

# **The epidemiologic survey of the accidents lead to injury in patient admitted to Shaheed Beheshti Medical University hospitals in 1384**

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## **Back ground**

**The most common cause of death in under of 40 years people and the second cause of death in all age group in Iran is Accident**  
**The increase Trend of death due to accident in last years has very important influence on public health.**

**This study was conducted to determine various aspects of accidents in injured cases people.**

## **Method and Material**

**This survey is a cross sectional study that performed on 52959 injured people that were admitted in emergency units in shaheed beheshti university hospitals in 1384**

**data collected by a form designed by management center of diseases(cdc) which contains demographic data , Accident area , place of Accident , Type of accident , out come of Accident to determine the association between variables calculated by  $X^2$  test with control of confounding effect of sex.**

**Result: Among 52959 injured 69% was male and 30/30% was female . With the mean Age of years.**

**most of the events occur in 20-24 years age group in both sex groups . 97/7% were injured in urban area . Most of the events were in home (40/9%)**

**The distribution of events in accordance to the Type . is hit (45/6% ) . as follows : ....**

**After controlling the unfounded effect of sex, association between Accident place and Type of Accident were significant (male:  $X=453505$  )**

**And female  $X=2238.33$   $P < 0/001$ )**

**The association between accident place and Type of Accident was significant too in the both sex groups (  $P < 0/001$  )**

**Conclusion:**

**According to these findings we can conclude that education of the high risk age group and considering precaution measures in home and urban area recommended.**