

## Mechanism of Causing Craniocerebral injuries in traffic Accidents

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### Abstract:

**Introduction:** Traffic accidents are defined as incidents in which an automobile collides with a person, an object, or another vehicle, sometimes fatally or with minor injuries. According to the World Health Organization, traffic accidents are a concern to public health on a global scale and cause roughly 1.3 million people to die and 20 to 50 million people to suffer injuries every year (WHO). For traumatic injuries to be diagnosed correctly and effectively, it is crucial to understand the mechanism by which craniocerebral injuries result from motor vehicle collisions.

**Method of work:** The institutional ethics committee gave its approval to this retrospective investigation for research. The research is retrospective in nature, and in order to realize it, data were collected from published books and electronic sources, with material from those books serving as examples and figures in the research. All references are mentioned in the references chapter and are cited throughout the book. The research information was gleaned from the emergency department's operating procedures at the regional hospital in Prizren.

**The purpose of the paper:** to present the methods for quantifying injuries and to demonstrate the mechanism of creating craniocerebral injuries in traffic accidents. To present statistics from an investigation of craniocerebral injuries sustained in car accidents at the local hospital in "Prizren" over the course of a year, from January 2020 to January 2021.

**Results:** 1189 traffic accident cases were recorded between January 2020 and January 2021 at the emergency room of the hospital in Prizren. 310 of them involve damage to the skull and brain. Out of 310 accidents, 73 result in isolated head injuries called "contusion capitis," and 237 involve "contusion capitis" mixed with other wounds.

**Conclusion:** This study explains that the primary approach to wounded patients, the quick determination of the diagnosis, and the earliest start to therapy all depend on knowledge of the mechanisms generating craniocerebral injuries.

Between January 2020 and January 2021, all cases of accidents involving craniocerebral injuries were presented and treated in the outpatient setting at the regional hospital in Prizren. KKUK-Prishtina has been given polytrauma cases.

All instances received standard care, including craniography, as well as analgesics and physiological treatments.

According to research conducted at the regional hospital in Prizren, a sizable portion of incidents resulting in craniocerebral injuries pose a major threat to life, particularly if they are also accompanied by injuries to other systems.

### Keywords:

traffic accidents, mechanisms of causing craniocerebral injuries in traffic accidents, accidents, mechanism, injuries.