



H87 “Graze Laceration and Graze Fracture”: Injuries Which Are Unnamed in Literature

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After attending this presentation, attendees will have a better understanding of the types of injuries found in various traffic accidents not mentioned in the literature. This presentation will also discuss the importance of recognizing such injuries, their mechanism of causation, and their importance in forensic cases.

This presentation will impact the forensic science community by introducing new terminologies for trauma caused by accidents in relation to the mechanism and manner of causation.

Humans have progressed from an early primitive state to the advanced state of the modern era. During this time, humans have been subjected to different types of trauma. Many of the injuries occurring are well classified in the literature. Still, a medical doctor faces different types of injuries that have little-to-no mention in the scientific literature. Naming the injury is very important as the nomenclature of such injuries is very helpful for future identification of the injuries as well as correlating them with the manner or object by which they occurred.

This study highlights some injuries that were found in trauma caused by vehicle mishaps. These injuries occurred due to dragging of a body for some considerable distance by high-speed vehicles. When such injuries occur to a victim and he is brought to the hospital, it becomes imperative for the doctor to name the injury correctly. This will be useful not only for treatment but also for future medicolegal purpose.

Graze laceration: These are injuries that occur when the surface of the body gets dragged over rough surfaces for a considerable period, causing grazing/friction of the body surface by that of the rough surface, resulting in a graze laceration.

Graze/grinding fracture: This fracture is caused by forceful dragging of the body involving bony parts over a rough surface for a considerable period, causing grazing/friction/grinding of the bone coming into contact with the rough surface, resulting in a graze/grinding fracture.

This study presents a case series depicting injuries featuring graze lacerations and graze/grinding fractures from road traffic accidents. This presentation will also discuss the importance of having knowledge of such injuries when dealing with medicolegal cases.

Trauma, Graze Laceration, Graze Grinding Fracture