

# **Orbital fractures in head injured patient**

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# Abstract

Twenty-five head injured patients sustaining orbital fractures admitted to various hospitals in Baghdad (Specialized surgeries hospital, Neurosurgery hospital, and Al-Yarmook teaching hospital). Orbital fractures were related to head injuries.

Head injuries divided to closed (24%) and penetrating (76%) injuries. The latter were further divided to fractures of individual skull bones as; frontal, ethmoidal, sphenoidal, and temporal bones fractures.

Orbital fractures were divided to; isolated margin fracture, isolated wall fracture, combination of both, either of which or both, with facial fractures, and orbital apex fractures.

These two groups were linked and data obtained were analyzed.

Maximum association was found in two ways

- Between frontal bone fractures and orbital fractures that are complicating facial bones fractures. This is for penetrating head injury group.
- Between closed head injury group and orbital fractures that are complicating facial bones fractures.

It was found that both ways had the same amount of association between orbital fractures and head injuries.