



2nd International Conference on Forensic Research and Technology

October 07-09, 2013 Hampton Inn Tropicana, Las Vegas, NV, USA

The fracture of the hyoid bone in medico-legal

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Fractures of the hyoid bone are rare occurrences. They are mainly caused by strangulation/asphyxiation injuries, trauma to the neck, and motor vehicle accidents (MVAs). As a result of their rarity, proper treatment guidelines are not in place for dealing with these injuries. In this study, injuries of the hyoid bone and laryngeal cartilages can occur due to different violences. More often they result from neck compression (hanging, strangulation by a ligature or by narrow firm blunt object, manual strangulation) and impacts to the neck during assault, industrial trauma, traffic accident or fall from height. Medical examiners use various methods to reveal fractures in these anatomical structures. This article presents data on the localization and morphology of the injuries, as well as a review of symptoms and the course of the hyoid bone trauma. Despite the difficulties associated with the complete regeneration of injured tissues, forensic pathologists can obtain certain information which police officials may be interested in.

Biography

El Akri Abdelhafid has completed his Ph.D. at the age of 25 years from Hassan II University and postdoctoral studies from Chu Ibn Roch University School of Medicine, Morocco. He is preparing now a Master in Medicolegal evaluation from Montreal University Canada after getting a DESS in Medicolegal evaluation from Montreal University. He has published more than 12 research papers in reputed journal.

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