

## FORENSIC ODONTOLOGY - LEGAL HAND OF A DENTIST

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## **Abstract**

Forensic Odontology is an upcoming branch of dentistry that utilizes the dentist's knowledge to serve the judicial system. Worldwide, dentists qualified in forensic science are giving expert opinion in cases related to human identification, bitemark analysis, craniofacial trauma and malpractice. In addition to their important functions in mastication and esthetics, the teeth may also be used as a weapon and under certain circumstances, may leave information as to the identity of the biter. The individuality of the human dentition frequently allows the Forensic Odontologist to reach a strong opinion of association in cases of identification and bite mark analysis. Such analysis can often be useful during the investigation of violent crimes, especially those involving sexual assault. The high number of murder, rape, and child abuse cases has led to increased numbers of forensic cases being heard in courts. Along with other healthcare providers, dentists encounter cases of injuries which could be non-accidental. Detection, interpretation and management are important from a legal and humanitarian point of view. Dentists should be aware of the legal impact those cases have, and should refer them to the appropriate authorities for suitable action.

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