

# 24<sup>th</sup> Global Dentists and Pediatric Dentistry Annual Meeting

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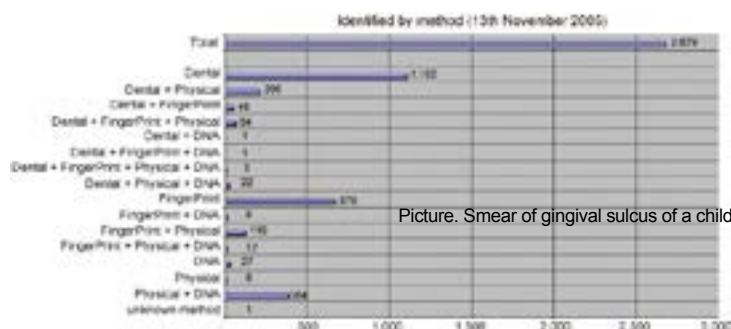
## Dentists in the forensic field

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Forensic odontology or forensic dentistry is the implementation of dental evidence in the legal and criminal field. It involves the application of dental knowledge mainly in the scope of human identification both in ordinary cases of individual identification and in disaster victim identification (DVI), examination of patterned injuries caused by teeth that are frequent in sexual crimes and child abuse cases and age assessment all in the interest of justice. The uniqueness of an individual dentition its resistance to temperature and time are the major reasons behind odontology being a key factor in solving forensic cases. The presentation will offer an overview of forensic odontology, the process of identification using dental records and dental imaging, the importance of this method in mass disasters such as Thailand tsunami, and the concept of bite mark analysis.

Key words: forensic dentistry, identification, victim, bite mark analysis, disaster victim identification.



Picture. Smear of gingival sulcus of a child with allergic pathology.

## Recent Publications

1. BALACHANDER, N., BABU, N. A., JIMSON, S., PRIYADHARSINI, C. & MASTHAN, K. M. 2015. Evolution of forensic odontology: An overview. *J Pharm Bioallied Sci*, 7, S176-80.
2. CHIDAMBARAM, R. 2016. Forensic Odontology: A Boon to Community in Medico-legal Affairs. *JNMA J Nepal Med Assoc*, 54, 46-54.
3. JEDDY, N., RAVI, S. & RADHIKA, T. 2017. Current trends in forensic odontology. *J Forensic Dent Sci*, 9, 115-119.
4. SCHULLER-GOTZBURG, P. & SUCHANEK, J. 2007. Forensic odontologists successfully identify tsunami victims in Phuket, Thailand. *Forensic Sci Int*, 171, 204-7.
5. VERMA, A. K., KUMAR, S. & BHATTACHARYA, S. 2013. Identification of a person with the help of bite mark analysis. *J Oral Biol Craniofac Res*, 3, 88-91

## Biography

Maya Awada is a dentist who graduated from the Lebanese University-School of Dental Medicine. She has an interest in forensic science and decided to advance her knowledge in this field. She is a master student in Forensic Medical Science at Barts and The London School of Medicine and Dentistry- Queen Mary University of London.

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