

## Collection of post and ante mortem data and their significance in forensic odontostomatology

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Forensic dentistry is the area of dentistry concerned with the correct management, examination, evaluation and presentation of the dental evidence in criminal or civil legal proceedings in the interest of justice. Teeth are the strongest structures in the body and are resistant to post mortem decomposition. The various dental materials used for the dental treatment are also resistant to destruction. This dental evidence plays a significant role in forensic sciences. The dental records contain the information of treatment and dental status of a person during his/her life. This may be in the form of dental charts, radiographs, casts and photographs. These records may be used to resolve the forensic problem if they are properly maintained and retrievable. Post mortem dental record collection deals with the preliminary examination of the mouth to evaluate the oral condition. Photography and dental radiography of the teeth may also be carried out. Teeth and jaw specimen may be removed from the body for further examination.

Comparison of the post and ante mortem records is carried out for the confirmation of identity of an individual. Four possible outcomes may arise from such a comparison namely positive identification, presumptive identification, insufficient identification evidence and exclusion of identification evidence. The objective of the paper is to present an overview of collection, interpretation and importance of the post and ante mortem records.

### Biography

Manashvini S. Patil is specialized in the subject of Oral and Maxillofacial Pathology with a MDS degree, from the Rajiv Gandhi University of Health Sciences, Bangalore. She secured the first rank to the University during the post graduate studies. She has won a prize for the best paper presentation at the national Oral pathology specialty conference held in the year 2005. She has authored many articles in the International Journals and has also presented various papers at the national level. She is a reviewer for many peer reviewed journals related to forensic odontostomatology. She is presently working as a Reader at Shri Hasanamba Dental College and Hospital, Hassan.

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