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<td>Congress: 12th International Congress of Iranian Academy of Restorative Dentistry 24-26 October 2012 Tabriz-Iran</td>
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<td>Title: The Job of Forensic Odontologists</td>
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<td>Authors: دکتر رعنا عطائیان - دکتر ساناز حکی</td>
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**Abstract:**

Aim: In this paper we try to introduce the parts of Forensic dentistry or forensic odontology which involves dentists' participation in assisting legal and criminal issues.

Abstract: The theory behind forensic dentistry is that "no two mouths are alike". Through the specialty of forensic odontology, dentistry plays a small but significant role in this process. By identifying the victims of crime and disaster through dental records in different ways, dentists assist those involved in crime investigation.

These different ways are about:

- Identification of the natural or manmade disaster situations,
- Bite mark identification, analysis and comparisons,
- DNA analysis from saliva obtained from bite marks,
- Dental age estimation,
- Lip print identification, analysis & comparison,
- Rugae print identification, analysis & comparison,
- Denture identification,
- Sex determination by DNA and teeth.

Hence dependence on latest technologies alone does not always help in solving cases and reversion to the conventional method may be required. Thus a combination of reliable conventional methods and potentialities of advanced sciences can make wonders in the Science of Forensic Dentistry.

**Conclusion:** To maximize dental application in forensic cases, it is necessary to train dentists in the practical aspects of forensic odontology.

**Presentation:** Oral