Imagine lying through your teeth, but your teeth don't lie
Who is a Forensic Odontologist?

- A Forensic Odontologist is a Dental Specialist who plays a crucial role in the field of Forensic Science.

- Their primary responsibility is to apply their dental expertise to identify human remains, often in cases where traditional methods such as finger-printing or DNA analysis may not be feasible or effective.
Roles...

• Here are some of the key roles and responsibilities of a forensic odontologist:
Forensic odontologists help identify human remains by examining dental records, X-rays, and other dental characteristics.

This identification can be critical in cases of mass disasters, accidents, or crimes.
Bite Mark Analysis:

Forensic Odontologists analyze bite marks found on victims, suspects, or objects at crime scenes.

They compare these bite marks to dental impressions or records to identify potential suspects.
Rape cases

- Forensic odontologists may be called upon to analyze bite marks in cases of assault or sexual assault.
**Age Estimation:**

- Dental records and the state of a person's teeth can provide valuable information for estimating the age of unidentified individuals, especially in cases involving skeletal remains.
Dental Records Comparison:

Forensic odontologists compare the dental records of the deceased or missing individuals with antemortem (before death) dental records to establish a positive identification.

This process involves examining dental charts, X-rays, and other records.
Expert Testimony:

• Forensic odontologists often serve as expert witnesses in court cases, providing testimony regarding their findings and conclusions.

• They may be called upon to explain their methods and help the legal system understand the significance of dental evidence.
In cases of mass disasters, such as airplane crashes or natural disasters, forensic odontologists play a vital role in identifying victims through dental records and post-mortem dental examinations.
Many forensic odontologists are also involved in teaching and training other forensic professionals and dental students in the principles and techniques of forensic odontology.
Research:

• Some forensic odontologists engage in research to develop new techniques, improve identification methods, and contribute to the advancement of forensic science.
Summary

• Overall, forensic odontologists assist law enforcement agencies, medical examiners, and the legal system in identifying individuals, solving crimes, and providing closure to families in cases involving unidentified remains or dental evidence.

• Their expertise in dental forensics is a critical component of the broader field of forensic science.
THANK YOU.

ANY QUESTIONS / COMMENTS/ CLARIFICATIONS?