

PhD in Biomedical Sciences

Research Area: Forensic Dentistry

Title: Sex and age prediction through dental and radiographic measurements: elaboration and validation of forensic models for the Portuguese population

Dental identification can be accomplished through comparative identification used to establish (with high reliability) that a human remains and a person represented by antemortem dental records are the same individual. Another methodology occurs in cases where antemortem records are not available and there are no clues to the possible identity, making a postmortem dental profile suggesting characteristics of the individual that tend to restrict the investigation. The need for age estimation has increased in recent years due to an increase in the number of unidentified corpses and the existence of living individuals who do not have valid proof of date of birth. Gender determination is also a very important subdivision of Forensic Dentistry, which plays a key role in identifying unknown individuals.

Keywords: Forensic Dentistry, Gender determination, Age determination, Dental Forensic Profile

Supervisor: Professor Doutor José João Baltazar Mendes

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