PROBLEMS IN HUMAN IDENTIFICATION VIA DENTAL RECORDS IN INDONESIA

Sylvia Margaretha Mieke

Department of Forensic Odontology. Faculty of Dentistry. Airlangga University, Surabaya, Indonesia.

The authors declare that they have no conflict of interest.

Background: Recently, human identification become more popular. Legal matters such as deciding biological father for inheritance, identification of criminal victim or the suspect. Moreover, Disaster Victim Identification is important in flood, plane crash etc. Therefore, complete ante mortem dental record should be done in dental practice. In Indonesia which located in south east Asia which contains 18000 islands with 238 million people, despite a lot of mass disasters that often happened such as tsunami, human identification via dental records in Indonesians still become a major problem. Although government rules in Indonesia states that there is a penalty for not making complete dental record, the dentists' compliance still poor. Purpose: the purpose of this article is to reveal the problem which exist in human identification using ante mortem dental records in Indonesia and developing other tool for mass identification record. Review: Completing ante mortem dental records by following standardized requirement are important. In Indonesia, even though primary health care also have dental health personnel, completion of dental status often overlooked. Additionally, most people in Indonesia do not regularly come to dentist. Complete apical and panoramic radiographs are seldom done in daily practice, mostly because dental care in Indonesia are not covered by insurance. Nowadays, electronic identity card which become popularized in Indonesia could also included palatal rugae image. Palatal rugae is renowned as a valid bioindicator. Conclusion: The difficulty of human identification via dental records in Indonesia are not the dentists' awareness only; nevertheless also improper dental health system and the awareness of people to visit dentists regularly. The use of palatal rugae photograph is one of mass bioindicator of choice.

KEYWORDS: Forensic Odontology, Identification, Dental records

JFOS. October 2013, Vol.31, Sup.No.1 Pag 136
ISSN :2219-6749