Denture marking: a mandatory procedure to aid forensic identification

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Abstract
Purpose – The purpose of this paper is to highlight the significance of placing identification marks on dentures.

Design/methodology/approach – This paper reviews the legislation with regard to denture marking in certain countries, various methods of denture marking and describes a simple, inexpensive, paper-based labelling system.

Findings – Various methods have been proposed for denture marking but it is important to use a method that is simple, practical, affordable and universally acceptable.

Practical implications – The identification of unknown or missing persons by means of denture marking is a very successful method of identification in forensic investigation. It is also useful for patients residing in hospitals and community homes where dentures could be misplaced, particularly during cleaning by personnel where there is a chance of loss or mix-up. The importance of denture marking should be emphasized by all law-enforcing authorities and should be promoted among all dentists, towards making it a compulsory routine dental procedure throughout the world.

Originality/value – In Malaysia, denture marking, as recommended by its Ministry of Health, uses a unique coding system which can readily provide information about the wearer in whichever part of the world the person is found. The method applied is simple, practical and affordable and can easily be adapted by others. It can be of great value during times of crisis.

Keywords Malaysia, Denture marking, Denture labeling, Disaster victim identification, Person identification, Mass casualties, Identification, Forensic science

Paper type General review

Introduction
Despite an improvement in the oral health of the general populations, there are still many who are edentulous and who have and need to be treated with removable dentures. The significance of placing identification marks on dentures has long been acknowledged by the dental profession and its routine practice has been urged by forensic odontologists internationally for many years (Richmond and Pretty, 2009).

Dental identification plays an important role in successfully identifying victims of mass disasters such as fire, drowning and accidents (Brannon and Morlang, 2001; Goodman and Himmelberger, 2002; Valenzuela et al., 2000). The Tsunami catastrophe...