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MEDICAL INFORMATION DENTURE USING QR CODE - A CASE REPORT

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ABSTRACT:

Many diseases or conditions may affect memory of a geriatric patient. Alzheimer's disease is the most common cause of dementia. Millions of people worldwide suffer from this disease. One significant concern is when persons with dementia become lost and go missing, especially when they are alone or in unfamiliar environments. Along with this, if patient is having any other medical condition like diabetes or epilepsy, situation becomes more serious. The adverse consequences of getting lost include injuries and death. Medical condition of an unconscious, semiconscious or patient with any mental disorder is difficult to know. These challenges make it necessary for a health practitioner to introduce a method that helps in patient identification to prevent these losses occurring due to compromised medical condition as well as for forensic purpose. Hence we have innovated a denture containing all the general and medical history of the patient for identification and forensic purpose. A QR Code was generated containing all the medical and general information of the patient which was then incorporated into his mandibular denture. The information from the QR Code can be retrieved using any QR Code scanning application. Thus, the purpose of this denture is incorporating all important details of the patient, so that it could help in identification and saving the life of a patient in case of any unforeseen emergency.

KEYWORDS: Geriatric dementia, Denture marking System, QR Code Denture, Medical information denture, Aadhaar card denture.

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