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Information technology and its application in Dentistry

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Nowadays, the use of digital equipment and information technology (IT) has increased in dental offices. It significantly requires sufficient knowledge of dentists on computer sciences and digital dental programs. Modern technologies are replaced to traditional dental treatments, and advances in information technology enabled the dentists to work with digital technologies including digital radiography, wireless networks to transmit and store data which is convenient for both dentist and patient, cone beam computed tomography (CBCT), offering volumetric data on jaw bones and teeth with relatively low radiation doses and costs, archiving and recording information of patients for an easy access of the dentist and queue management system which is an important factor in saving the patients' time. This study aimed to investigate the role of information technology in dentistry, and its advantages, limitations and strategies to improve the use of this technology and applicable programs in dental offices. It should be noted that the use of information technology in dentistry plays an important role in improving the therapeutic efficiency, and therefore dentists must have the required knowledge to select and apply the related tools.



Information Technology in Dentistry

Biography

Omid Panahi, Graduated from Centro Escolar University on 2013 in field of Doctor of Dental Medicine (DMD), and MSc Oral and maxillofacial surgery at yeditepe university, Istanbul, turkey. He has published more than 40 papers in reputed journals & Conferences and has been serving as an editorial board member of isi journals.

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