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A completely digital paradigm from surgery to full mouth implants restoration: Are we there yet?

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Computer Assisted Design and Computer Assisted Manufacturing (CAD/CAM) digital methods have revolutionized many aspects of medical and dental practices. Implant dentistry is a field that has benefited significantly from such technology. Currently, CAD/CAM technology is being implemented heavily within this field both at the surgical and restorative aspects and is becoming very popular both at clinical and laboratory level. Due to this increased popularity, a critical review of this technology covering advantages, disadvantages, limitations and possible future improvements will be covered. Implications at the surgical, restorative, and laboratory level will also be reviewed and presented. This presentation aims to clarify common misconceptions and presents this technology as an additional tool that might be helpful to clinicians practicing implant dentistry. The following questions will be discussed: How accurate is this innovation at the surgical and restorative level?; Is this innovation reliable for all types of implant treatment?; What errors should be identified and addressed before, during and after treatment to improve the overall outcome? and; Are we at a time and age to rely completely on this innovation to deliver implant treatment on everyday practice?

Biography

Fawaz Alzoubi has completed his graduation in Medical Sciences from Kuwait University. He then completed his Dentistry training at Kuwait University, Faculty of Dentistry. He has worked as a General Dental Practitioner for three years in the Ministry of Health. He has joined a scholarship position sponsored by Kuwait University, Faculty of Dentistry to pursue advanced training and graduate degrees. He has completed his Master's (MA) and a Doctorate (Ed.D) degree from the University of the Pacific, Gladys L. Benerd School of Education concentrating in Health Care and Dental Education with special emphasis on Implant Dentistry. He holds faculty positions at the University of the Pacific, Arthur A. Dugoni School of Dentistry and currently working as Assistant Professor in the faculty of Dentistry, Kuwait University. He has presented multiple presentations within the field of Implant Dentistry. He is a Diplomate of the American Board of General Dentistry, Diplomate of the American Board of Oral Implantology/ Implant Dentistry, Fellow of the Academy of General Dentistry, Fellow of the American Academy of Implant Dentistry, and a member of The Delta Epsilon Iota Academic Honor Society.

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