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Modified oral appliance on total prostheses on sleep apnea

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This case reports introduces modified an oral appliance attached to a denture for the treatment of sleep apnea syndrome. 72 year old man patient with moderate obstructive sleep apnea presenting edentulous. A treatment oral appliance comprising both maxillary and mandibular was fitted with an hard and soft ethylene vinyl acetate thermoplastic materials. This modified oral appliance was adapted with dentures and worn during sleep for two weeks. Patient underwent a series of independent assessments regarding his sleep at baseline and then reviewed one year later. Oral health related quality of life was obtained by means of OHIP-Edent questionnaire and a clinical examination form and socio-demographic questionnaire. It was concluded that wearing oral appliance with dentures while sleeping has effect on sleep quality and daytime sleepiness.

Biography

Arzu Atay was born in Trabzon-Turkey in 1973. graduated from Istanbul University, Faculty of Dentistry in Turkey in 1994. She is working as associate professor at Gulhane Military Medical Academy Haydarpasa Training Hospital Dental Service, Department of Prosthodontics in Istanbul-Turkey, since 2005. her scientific works are fields on maxillofacial prosthesis, implant supported dentures, fixed and removable prostheses, etc.

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