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Implant-retained removable overdenture using prefabricated sfi®-bar

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Implant-retained overdenture for the edentulous mandible offers functional satisfaction to the patients who feel discomfort in using complete dentures. According to McGill Consensus Statement on overdenture, two-implant overdenture is considered the first choice of treatment for the edentulous mandible.^{1,2} Ball, magnetic, bar, and telescopic crowns have been used for implant overdenture attachments. Bar attachment system is widely used for overdenture attachment since it shows sufficient retention,³ whereas extended chair time and increased in cost are problems. Unlike the traditional type of bar attachment, SFI-Bar[®] is a prefabricated system and clinician can adjust this system at chair-side. Therefore, soldering and welding are unnecessary, which leads to mechanical errors and cost increases. This system consists of implant adapters, ball joints, bar tube and female part. Implant adapters are connected to implant fixtures in the mouth or fixture analogs on the master model. Above that connection, ball joints and bar tube which is customized according to inter-implant distance are secured to the adapters. This case described two-implant-retained overdenture using the prefabricated SFI-Bar[®] system on mandible and complete denture on maxilla.

Biography

Dr. Nayoung So is in her last year of Prosthodontic residency at Ajou University, Suwon Korea. She is also pursuing her Master's degree in Periodontics at the same institution. Her main field of interest is in Esthetics and implants.

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