

## A case report of the implant overdenture using Magfit SX2®.

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### **Abstract**

A 76 - year - old man with a chief complaint of masticatory disturbance with the upper denture came to our hospital in September 2010. Although we fabricated the upper acrylic resin base denture, it could not be satisfied by the patient. And then, after consulting, we fabricated an implant overdenture.

In the case of the implant overdenture, it is difficult to get well-balanced adjustment of amount of tissue displacement between mucosal surface and the implant abutment. In some cases the attachment may not obtain suction by the mucous membrane. Magfit SX2® that used in this case has 0.4mm range of motion which is approximate to the amount of tissue displacement. We fabricated the implant over denture with Magfit SX2® using this procedure in order to take advantage of this attachment's characteristics and shorten the treatment time.

Four years have passed since insertion of this denture, the function has been working well and also satisfied by the patient even in the current. It seems this method can easily acquire the balance of amount of tissue displacement.