

Clinical Study about prognosis investigation of abutment teeth and surrounding tissues using magnetic attachments

T. Masuda¹, H. Kumano¹, R. Kanbara¹, H. Nagai¹, Y. Nakamura¹, K. Shoji¹,

Y. Tanaka² and J. Takebe¹

¹Department of Removable Prosthodontics, School of Dentistry, Aichi Gakuin University

²Aichi Gakuin University

Abstract

Magnetic attachments are universally recognized for their practical value and are being widely used as magnetic attachment dentures in clinical dentistry. However, there are still few reports on the prognostic process of abutment teeth and surrounding tissues when using these magnetic attachments. Given the expansion of more effective magnetic attachment adaptation, the necessity of objective prognostic evaluation is very evident. Therefore, in carrying out integrated and objective evaluation of abutment teeth and surrounding tissues when using magnetic attachment, we aimed to analyze the evaluation methods commonly used by collaborating research institutes.

We collected prognostic data according to standard protocol using common evaluation manuals and evaluation sheets available in collaborative research institutes.

Although the prognostic evaluation based on the evaluation sheet and protocol was very effective in considering the adaptation of the magnetic attachment, it unfortunately confirmed that objective evaluation of abutment teeth and surrounding tissues remains extremely difficult.
