

Complete Denture Prosthodontics

1. Staffs and Students (April, 2009)

Professor	Shunsuke MINAKUCHI	
Assistant Professor	Tatsuro UCHIDA,	Yukiko FUJINAMI,
	Norihisa AKIBA,	Yoshinori Kaiba,
	Manabu KANAZAWA	
Hospital Staff	Soichiro IMAMURA,	Yuta KASUGA,
	Maiko IWAKI,	Mai Okubo,
	Yuki KUMAMOTO,	Yuuki HIRAJIMA
Graduate Student	Akinobu AZUMA,	Masanao INOKOSHI,
	Yuriko KOMAGAMINE,	Shin TAKESHITA,
	Hiroshi KATASE,	Megumi OCHI,
	Yohei HAMA,	Marie MURATA,
	Eijiro YAMAGA	

2. Purpose of Education

Complete denture prosthodontics is a discipline which contributes to better quality of life for edentulous patients by full mouth reconstruction treatments with complete denture prosthesis. The purpose of education is to get the knowledge about the dynamic state of soft tissues around dentures during oral functions, occlusion, and technical skills required to fabricating complete dentures.

3. Research Subjects

- 1) Relationship between denture treatment and body function
- 2) Palatal coverage disturbance in masticatory function
- 3) Stress analyses of implant overdenture
- 4) Factorial analysis of complete denture prosthesis
- 5) Resilient denture lining material
- 6) CAD/CAM system for fabricating complete dentures
- 7) Evaluations of masticatory performance using color-changeable chewing gum

4. Clinical Services

Complete denture prosthodontics clinic provides edentulous patients with planned prosthodontic treatments, and maintains the restored function for long periods. In addition, we set original criteria and objectively evaluate effect of our prosthetic treatments.

5. Publications

Original Article

1. Hirajima Y, Takahashi H, Minakuchi S. Influence of a denture strengthener on the deformation of a maxillary complete denture. *Dent Mater J.* 2009; 28(4): 507-12.
2. Ohya K, Kanazawa M, Minakuchi S. Retentive force of stress-breaking attachments on maxillary implant overdentures. *J Prosthodont Res.* 2009; 53(2): 78-82.
3. Iwaki M, Akiba N, Minakuchi S, Takahashi H. Influence of methyl mercaptan at early setting stages on the properties of self curing addition silicone resilient denture lining materials. *J Prosthodont Res.* 2009; 53(4): 161-5.