

Maxillofacial Prosthetics

1. Staffs and Students (April, 2010)

Professor	Hisashi TANIGUCHI	
Junior Associate Professor	Yuka SUMITA	
Assistant Professor	Toshiaki IIDA,	Mariko HATTORI,
Hospital Staff	Mai MURASE,	Takafumi OTOMARU
Secretary	Ikuko ICHINOHE	
Graduate Student	Naoko MINAMISAWA,	Nafees Uddin CHOWDHURY,
	Yiliyaer AIMAIJIANG,	Jien MORIMATA,
	Moe KOSAKA	
Research Support Personnel	Hana NAGAI	
Special Student	Mihoko HARAGUCHI,	Ken INOHARA,
	Taiji HOSHIAI,	Masayoshi HOJO

2. Purpose of Education

Department of Maxillofacial Prosthetic is the special unit of the prosthodontic and/or prosthetic treatment for patients with defects in oral and/or maxillofacial regions. The main objective of this course is to provide students with opportunity to gain sound understanding of the restoration of functional and esthetic disorders of oral and/or maxillofacial areas that are caused by congenital developmental or acquired diseases by means of the high-advanced dental and medical cares.

3. Research Subjects

1. Diagnosis and treatment for patients with maxillofacial defects
2. In vivo application of modal analysis for maxillofacial prosthodontics
3. Acoustic analysis of speech
4. Medical and dental art

4. Clinical Services

Maxillofacial Prosthetic clinic provides the restoration of functional and esthetic disorders of maxillofacial areas that are caused by congenital developmental or acquired diseases by means of the high-advanced dental and medical cares.

5. Publications

Original Article

1. Hattori M., Sumita I. Y., Kimura S., Taniguchi H. Application of an Automatic Conversation Intelligibility Test System Using Computerized Speech Recognition Technique. *Journal of Prosthodontic Research* 54: 7-13, 2010.
2. Ken Inohara, Yuka I. Sumita, Naoto Ohbayashi, Shuichi Ino, Tohru Kurabayashi, Tohru Ifukube, Hisashi Taniguchi. Standardization of Thresholding for Binary Conversion of Vocal Tract Modeling in Computed Tomography. *Journal of Voice* 24: 503-509, 2010.

Research Article

1. Takafumi OTOMARU, Yiliyaer AIMAIJIANG, Yuka I. SUMITA, Toshiyuki TAKAHASHI, Toshiaki UENO, Kenji FUEKI, Yoshimasa IGARASHI, Hisashi TANIGUCHI. Evaluation of Stomatognathic Function after Prosthodontic Treatment in a Mandibulectomy Patient. *Maxillofacial Prosthetics* 33: 23-29, 2010.