

Dentistry for Persons with Disabilities

1. Staffs and Students(April,2010)

Junior Associate Professor	Osamu SHINOZUKA	
Junior Associate Professor(Part-time)	Yohei TAKEUCHI,	Syohei TAMURA
	Hideobu SENPUKU,	Kouichi YOSHIMURA
	Moriyuki NAKAMURA	
Hospital Staff	Mariko WATANABE,	Tomo SUZUKI
	Anna KUMAKURA,	Yasuka KUSUMOTO
Graduate Student	Naoki HAYASHI,	Norihiko KANAKUCHI
	Yousuke KINOSHITA	

2. Purpose of Education

Our department was started as a graduate course of the special dentistry section on April, 1999. The sections are the dentistry for persons with disabilities and medical problems.

The main objective of this course is to provide the opportunity for students to understand the outline of the reconstruction of functional and esthetic disorders of oral and/or maxillofacial areas by means of the high-advanced dental cares for patients with special needs.

3. Research Subjects

- 1) General research about the dentistry for persons with disabilities
- 2) Oral bacteria and systemic illness
- 3) Oral biofilm formation and elimination (Drug Delivery system)
- 4) Development of the paste for the dry mouth
- 5) Gingival overgrowth of the pharmacogenic
- 6) Dental phobia

4. Clinical Services

The clinical purpose of our section is to treat oral problems of special patients who are unable to receive normal dental care by reason of a disability which may be physical, mental, medical, or emotional, or combination of any of these under using behavior management and systemic support.

For example,

- 1) The patients requiring behavior management are physically disabled, mental retardation, autism, etc.
- 2) The patients requiring systemic support are internal impediment, dental phobia, etc.

5. Publications

Original articles

1. M. Nakamura, T. Fujibayashi, A. Tominaga, N. Satoh, T. Kawarai, O. Shinozuka, H. Watanabe, T. Yamazaki, H. Senpuku : Hinokitiol Inhibits *Candida albicans* Adherence to Oral Epithelial Cells. J. Oral Biosci. 52(1): 42-50, 2010.