

Behavioral Dentistry

1. Staffs and Students (April, 2009)

Professor	Shiro Mataka	
Associate Professor	Hiroshi Nitta	
Graduate Student	Fumihiko Takahashi	Keiko Kondo
	Tohru Ozaki	Yuji Ito

2. Purpose of Education

Topic of Behavioral Dentistry included characteristics of human behavior, especially of relationship between patients and dental staff based on the informed consent. Main objective of behavioral dentistry in the graduate course is to provide students opportunity to study application of behavioral science to deal with dental patients showing various perception and behavior in clinic.

3. Reserch Subjects

- 1) Construction of educational system of behavioral dentistry for dental students
- 2) Application of behavioral science to development of dental educational curriculum
- 3) Patients' evaluation of the dental hospital and the dental educational system
- 4) Dental treatment for sleep apnea and hypoapnea syndrome
- 5) Application of behavioral science to dental clinic

4. Clinical Services

Behavioral Dentistry provides medical interview for preliminary diagnosis and general dental practice at the clinic of oral diagnosis and general dentist cooperating with General Dentistry.

5. Publications

Original Article

1. Katagiri S, Nitta H, Nagasawa T, Uchimura I, Izumiyama H, Inagaki K, Kikuchi T, Noguchi T, Kanazawa M, Matsuo A, Chiba H, Nakamura N, Kanamura N, Inoue S, Ishikawa I, Izumi Y. Multi-center intervention study on glycohemoglobin (HbA1c) and serum, high-sensitivity CRP (hs-CRP) after local anti-infectious periodontal treatment in type 2 diabetic patients with periodontal disease. *Diabetes Res Clin Pract.* 83: 308-15, 2009.
2. Suda T, Nagasawa T, Wara-Aswapati N, Kobayashi H, Iwasaki K, Yashiro R, Hormdee D, Nitta H, Ishikawa I, Izumi Y. Regulatory roles of beta-catenin and AP-1 on osteoprotegerin production in interleukin-1 α -stimulated periodontal ligament cells. *Oral Microbiol Immunol.* 24: 384-9, 2009.
3. Hirata S, Mataka S, Akiyama H, Nitta H, Okada M, Sakayori T, Sugito H, Ishii T. Geographic distribution of postgraduate dental trainees in Japan. *Bull Tokyo Dent Coll.* 50: 63-70. 2009.

Abstracted Papers Presented at Scientific Meeting

1. Tonami K., Nitta H., Tsuruta J., Morio I., and Mataka S. Preference to Dentists' Attire: Comparison among Patients, Dental Students and Dentists ADEE 36th Annual Meeting, Helsinki, August 26-29, 2009.