

## Behavioral Dentistry

### 1. Staffs and Students (April, 2010)

Professor	Shiro Mataka
Associate Professor	Hiroshi Nitta
Graduate Student	Tohru Ozaki (until March), 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. Umemori S, Tonami K, Nitta H, Mataka S, Araki K. The possibility of digital imaging in the diagnosis of occlusal caries. *Int J Dent*:860515. Epub 2010 Mar 7.

#### Abstracted Papers Presented at Scientific Meeting

1. Umemori S, Tonami K, Sano K, Nitta H, Mataka S, Araki K. Relation between shape of caries and decision making of treatment. IADR General Session, Barselona, July 14-17, 2010.
2. Tonami K, Ito Y., Nitta H., Mataka S. Analysis of patient satisfaction using "Ultimate question". IADR General Session, Barselona, July 14-17, 2010.
3. Umemori S., Tonami K., Nitta H., Araki K., Mataka S. Study on visual perception of dental residents in occlusal caries diagnosis using digital image. ADEE 36th Annual Meeting, Amusteldam, August 25-28, 2010