Oral Health Promotion

1. Staffs and Students (April, 2010)
Professor Yoko KAWAGUCHI
Associate Professor Kayoko Shinada (April ~ September)
Masayuki Ueno (September ~)
Junior Associate Professor Kayoko Shinada (~ March)
Assistant Professor Masayuki Ueno (~ August)
Hospital Staff Yuriko Yasukawa
Graduate Student Ryoko Ito (~ March), Chisato Konishi (~ March), Mari Ohnuki, Takashi Zaitsu, Pham Anh Vu Thuy, Patcharaphol Samieng, Akiko Ohshiro, Susumu Takeuchi, Melissa Adiatman, Yukiko Fujishiro, Toshihiro Tamaki, Yuuya Mizuno, Ayumi Takayama, Mustafa Ali Mahmoud Abdel Latif Nimer (October ~)
Research Student Motoko Ariake, Sachiko Takehara (~ March)

2. Purpose of Education
1) Graduate School, Oral Health Promotion
The educational purpose is to foster professionals in dental public health and preventive dentistry who can think oral health problems as related issues with living environment, lifestyle, health policy and social condition, and can conduct innovative, academic and international research on oral health for maintaining and improving oral health.

2) Graduate School, International Oral Health Cooperation
The educational purpose is to foster dental professionals who can conduct innovative, academic and international research that can contribute to health promotion in an international society, and can work as a leader of the international health cooperation.

3) Undergraduate Education
The department is in charge of module units of “Introduction to dentistry”, “Environment and society II” and “Comprehensive problem exercise” for the third year dental students, and module units of “Basis for dentistry”, “Prevention and health management I”, “Prevention and health management II” and “Dentistry and nutrition” for the fourth year dental students. The department is also in charge of “Experiential research exercise” for the fourth year dental students, and “Comprehensive clinical practice phase I & II” for the fourth and fifth year dental students, in cooperation with other departments.

3. Research Subjects
Research topics are innovative, academic and international research in the field of dental public health and preventive dentistry to proceed with oral health promotion that contributes to human health. The current main research themes are:
1. Epidemiology and prevention of dental disease
2. Oral health care system
3. Relationship between oral health and general health
4. Oral health promotion
5. Diagnosis and treatment system construction of oral malodor
6. International oral health

4. Clinical Services
“Fresh breath clinic” in Dental hospital, Tokyo Medical and Dental University is a special clinic for diagnosis, treatment and prevention of oral malodor. About half of oral malodor patients are referred from other departments in the dental hospital or outside dental clinics. Other patients visit the clinic by finding the information of the clinic from mass media such as the internet, newspapers and television.

For oral malodor examination, gas chromatography and gas sensor instrument are used to measure the concentration of volatile sulfur compounds (VSCs) along with the organoleptic test. Oral malodor is treated based on diagnosis by precise measurement and oral examination, besides psychological aspects of the patient are paid attention. Treatment of oral
malodor needs continuous periodontal disease management and oral care in cooperation with oral care department in the dental hospital and patient’s family dentist.

5. Publications

Original article


Books