

Fundamental Oral Health Care Science

1. Staffs and Students (April, 2010)

Professor Kumiko Sugimoto
Junior Associate Professor Makoto Tsuboi

2. Purpose of Education

Fundamental oral health care science is a section of oral health care sciences which deals with the basic oral health sciences to perform evidence-based oral health care and to support people to attain healthy and happy living. Main objective of fundamental oral health care science in the undergraduate course is to provide students opportunity to study the structure and function of the human body as well as stomatognathic region, pharmacology, laboratory practice of physiology and research process. Students are also taught on subjects of social welfare, such as principles of social welfare, theory of welfare of the disabled, exercises of social assistance skills, and supervision of field practice of social assistance skills, in order to acquire the knowledge and skills needed to social workers.

3. Research Subjects

- 1) Change in autonomic nerve activities and salivary secretion induced by taste stimulation
- 2) The sensitivities to 5 basic tastes and capsaicin in the patients of congenital insensitivity to pain with anhidrosis
- 3) Evaluation of oral care for the elderly by dental hygienists
- 4) Objective assessment of internal stress in children during dental treatment by analysis of autonomic nervous activity
- 5) Interprofessional education in School of Oral Health Care Sciences
- 6) Comparative analysis of the medical aid services in Japan: Focusing on the feature of hospitals for poverty-level people in the late 1910s