

# Pediatric Oral Health Care Science

## 1. Staffs

Professor

Masaaki ISHIKAWA

## 2. Purpose of Education

Pediatric oral health care science is a branch of oral health care sciences which deals with children's total oral health. Main objects of pediatric oral health care science in the undergraduate course is to provide students who are going to become dental hygienists the knowledge of growth and development in dentition, occlusion, craniofacial morphology, and oral functions such as eating, swallowing and phonation. Students are also taught skills and manners concerning the practice of oral health care to children and the team approach in dental treatment for children.

## 3. Research Subjects

- 1) Morphological and functional factors to acquire normal masticatory organ
- 2) Development of the effective training method for children with retarded oral functions
- 3) Current condition of eating disorders in children
- 4) Oral health care for disabled children

## 4. Publications

### Original Articles

1. Isogawa N, Ochiai S, Mito T, Ishibashi N, Kindaichi J, Ishikawa M and Takagi Y : Three-dimensional comparison in palatal forms between the modified Presurgical Nasoalveolar Molding Plate and the Hotz's Plate applied to the infants with unilateral cleft lip and palate. Singapore Dent J , 31(1), 36-42, 2010.