

---

Editor-in-chief : Masaru KANEKO

Editorial Board : Tokio NAWA

Masanobu SATOH

Nobuko SATO

Kanji ISHIBASHI

Minoru KUBOTA

Keigo KUDO

Morio TOTSUKA

---

## CONTENTS :

### Originals

The effects of prostaglandin E<sub>2</sub> on periodontal ligament during experimental tooth movement in rats. ....

Akiko ODASHIMA... 1

Relationship between masticatory ability and dentofacial structure in children. ....

Isao SANJO... 12

Effect of basic fibroblast growth factor on rat periodontal ligaments following experimental tooth movement. ....

Toshiya SANJO... 26

A histological study on the architecture of lymphatic vessels and metastatic routes of the regional lymph nodes due to rabbit VX2 carcinoma transplanted to the buccal mucosa. ....

Osamu OHUCHI... 36

The acoustical and physical correlation between the nasalized vowels and the cephalometric analysis of the post-palatoplasty cleft palate patients. ....

Yoshiaki KINNO, Minoru YAGI, Tetsuya KAMEGAI,  
Fujiro ISHIKAWA, Sukehiro MINATO, Taku NARA, Jouji MIWA ... 51

### Case report

A clinical study of twelve cases of oral mucoepidermoid carcinoma. ....

Hideki HOSHI, Saburo SEKIYAMA, Yoshiki SUGIYAMA,  
Makoto SHIBASAKI, Akinori OHHIRA, Kiyomi FUNAKI,  
Takemi YONEMOCHI, Kou NUMAKURA, Hideyuki FURUUCHI ... 61

