

# Dent J Health Sci Univ Hokkaido

## ORIGINAL

- 1 **Gene expression of insulin - like growth factor family during tooth development of the mouse**  
Yuko SUZUKI, Nobuko OBARA, and Shunichi SHIBATA..... (1)
- 11 **Three - dimensional finite - element analysis of the stress in bone around maxillary implants.**  
**-Construction of whole skull model using CT data and investigation of restricting conditions-**  
Taro SAKAMOTO, Taishin NAKAI, Kazuhiko ENDO, Eiji NAKAYAMA, Morio OCHI ..... (11)

## CLINICAL REPORT

- 19 **Application of rapid prototyping fabrication of presurgical nasoalveolar molding for cleft lip and palate patients**  
Sigeru MURAI, Masahiro KONNO, Masahiro IJIMA, Tomoko YOSHII,  
Tomoya UCHIZAWA, Tomoya NAKAO, Yukie OKA, Itaru MIZOGUCHI..... (19)

## ABSTRACT OF DOCTORAL DISSERTATION

- 25 **Effect of Low Intensity Pulsed Ultrasound Stimulation on Sinus Augmentation in Rabbits**  
Hiroaki TAKEBE ..... (25)
- 27 **3D-FEM for maxillary peri-implant bone based on human skull CT data.**  
Taro SAKAMOTO ..... (27)

## DENTAL INFORMATION

- 31 **Recent topics**..... (31)