

Dent J Health Sci Univ Hokkaido

INVITED REVIEW

- 1 **Effectiveness of Prosthetic Speech Aid Appliances in Rehabilitation**
Satoko IMAI (79)

REVIEW

- 9 **Dentin Phosphophoryn and its Possibilities in Regenerative Dentistry : A Review**
Tubayesha HASSAN, Youjing QIU, Jia TANG, Takashi SAITO (87)
- 17 **Tight junction proteins, claudin and occludin in pathological conditions and aging of skin and oral mucosa : A review**
Sarita GIRI, Ayuko TAKADA, Durga PAUDEL, Yoshihiro ABIKO, Yasushi FURUICHI (95)

ORIGINAL

- 29 **Visualization of the three-dimensional structures of teeth and periodontal tissues with new tissue clearing technology**
Narumi ISHIDA, Yuri SEKI, Akihiro NEZU, Akihiko TANIMURA (107)
- 37 **Phylogenetic Study of Oral Veillonella Isolates from Saliva of Children in Hokkaido**
Citra F. THEODOREA, Ariadna A. DJAIS, Izumi MASHIMA, Maiko OTOMO, Masato SAITOH, Futoshi NAKAZAWA (115)

CASE REPORT

- 47 **Osteoma of maxillary sinus : a case report and review of the literature**
Ariuntsetseg KHURELCHULUUN, Durga PAUDEL, Koki YOSHIDA, Tetsuro MORIKAWA, Fumiya HARADA, Jun SATO, Tomoaki SANO, Eiji NAKAYAMA, Tsuyoshi SHIMO, Hiroki NAGAYASU, Yoshihiro ABIKO (125)

CLINICAL REPORT

- 53 **A case of wisdom tooth of the mandible in which the low impaction is suspected to be caused by the gubernaculum tube.**
Marie WAKABAYASHI, Fumiya HARADA, Nagwan Ali Saeed Elsayed, Yasuhito MINAMIDA, Masahiro ISHIKAWA, Himeno SEKI, Shintaro YODOGAWA, Masayasu TASHIRO, Eiji NAKAYAMA, Tsuyoshi SHIMO, Masaru MURATA, Yoshihiro ABIKO, Berthold H. HELL, Hiroki NAGAYASU (131)

DENTAL INFORMATION

- 59 **Recent topics** (137)