<table>
<thead>
<tr>
<th>雑誌名</th>
<th>北海道医療大学歯学雑誌</th>
</tr>
</thead>
<tbody>
<tr>
<td>巻</td>
<td>□</td>
</tr>
<tr>
<td>号</td>
<td>□</td>
</tr>
<tr>
<td>発行年</td>
<td>2005-06-30</td>
</tr>
<tr>
<td>URL</td>
<td><a href="http://id.nii.ac.jp/1145/00009874/">http://id.nii.ac.jp/1145/00009874/</a></td>
</tr>
</tbody>
</table>
The Dental Journal of Health Sciences University of Hokkaido
VOL. 24, NO. 1, DECEMBER, 2005
CONTENTS

REVIEW
1 Calcium signaling and salivary secretory function
Yosuke Tojo .................................................................(1)

ORIGINAL REPORTS
13 A questionnaire study regarding local anesthesia in dentistry and
safety measures in dental clinics among dental students
Hanako OHKE, Masaru KUDO and Noboru SHINYA ..............................(13)

19 Evaluation of a practical skills education method
involving the determination of vital signs:
consciousness,pulse,respiration,
body temperature,and blood pressure
Masaru KUDO, Hanako OHKE, Takuro KAWAI and Noboru SHINYA ..........(19)

25 Development of a novel training model
for dental infiltration anesthetic injections
Masaru KUDO and Noboru SHINYA ...............................................(25)

31 mRNA expression for versican isoforms in temporomandibular
joint discs of growing rats
—Analysis using real-time quantitative PCR with the TaqMan probe—
Naoko TORIYA, Toshiya ARAKAWA, Taishin TAKUMA,
Yoshihiro ABO and Itaru MIZOGUCHI ......................................(31)

41 Characterization of an autolysin mutant of Porphyromonas gingivalis
Arihide Kamaguchi, Hiroshi Miyakawa and Futoshi Nakazawa .................(41)

47 Evaluation of the spatial resolution in helical CT (ProSpeed F II)
Likinobu TANAKA, Yoichiro HOSOKAWA, Takashi OHNISHI, Tomoaki SANO and Masayuki KANEKO (47)

51 Actinobacillus actinomycetemcomitans induces
apoptosis in human monocytic cells
Norihiro SUGIMURA, Satsuki KATO, Keisuke NAKASHIMA and Yasushi FURUICHI ..................(51)

61 Evaluation of blood flows in the parotid gland by Power Doppler imaging
Takashi OHNISHI, Likinobu TANAKA, Tomoaki SANO,
Youichiro HOSOKAWA and Masayuki KANEKO ................................(61)
Basic study on the reproduc from articular surfaces of mandibular condyles on transcranial and panoramic projections
Yoichiro HOSOKAWA, Takashi OHNISHI, Tomoaki SANO, Likinobu TANAKA, Masayuki KANEKO, Kazuhiko OKUMURA and Takanori SHIBATA. ..................................................(65)

[Clinical report]

A study on nasotracheal intubation to prevent injury to the nasopharyngeal mucous membrane
—Comparison of the bougie method and the gastric tube guide method—
Masaru KUDO and Noboru SHINYA .................................................................(71)

Application of low–frequency electricity and stellate ganglion block therapy to inferior alveolar neuroparalysis following tooth extraction
—Evaluation of facial skin temperature elevations via thermography—
Takuro KAWAI, Masaru KUDO, Tomochika YANAGI and Noboru SHINYA ....................(77)

[Clinical report]

The induction of sedation or general anesthesia in accompanied out patients with companion and the cooperation of the guardians at the Clinical Department of Dental Anesthesia
—To promote relief and feelings of satisfaction in dental treatment under sedation and general anesthesia so that disabled patients for dental treatment can adapt to the treatment—
Masaru KUDO, Hanako OHKE, Takuro KAWAI, Masahiro KOKUBU and Noboru SHINYA. ...................(83)

Custom made tray for an early stage load implant
A Clinical Report
Hiroya KUNIYASU, Atsushi NIIDA, Satomine KONDO, Mitsugi KAKIZAKI, Yukito HIROSE, Morio OCHI, Hirohiko TAIRA, Masaru MURATA, Hiroyuki KITAMO, Kaoru KUSANO, Masaru KUDOU, Hanako OHKE, Youichiro HOSOKAWA and Likinobu TANAKA ...................................................(91)

[Systematic review]

Systematic review of polymorphisms related to osteoarthritis
Kaoru KANAZAWA and Takanori SHIBATA .........................................................(99)