

Ohu University Dental Journal

Volume 37 (No.1 ~ 4)

2010

CONTENTS

Number 1

Original Articles

- Influence of Die Measuring Methods of CAD/CAM System
on Fitting Accuracy of Crown
..... H. MURAO... 1
- Finite Element Analysis of Implant-supported Overdenture
..... H. WATANABE and T. YAMAMORI... 13
- Histopathological Changes at Rat Palatine Arteries after Irradiation
of Coagulation Mode CO₂ Laser
..... Y. SAKURAI, J. YUSA, N. OKUYAMA
M. KATO, R. OZAWA and H. ITO...21
- A Survey on Students' Attitude Toward Emergency Life Support
at Ohu University
..... A. SUZUKI, K. SHIMAMURA, H. HARUYAMA, M. IGARI
S. SASAKI, T. SAITO, N. AIZAWA and Y. SUZUKI...29

Clinical Report

- Examination of Surgical Treatment for Bisphosphonate-Related
Osteonecrosis of the Jaws (BRONJ)
..... T. HAMADA, A. MANIWA, I. KAWAHARA, M. SONODA
K. KANNO, K. KASAI, S. TAKAHASHI, H. KON
S. TAKADA and T. OHNO...35
- One Case That Intranasal Foreign Body Was Discovered at Pedodontic Diagnosis
..... H. HARUYAMA, K. SHIMAMURA, A. SUZUKI, Z. KITANO
M. ONODERA, N. AIZAWA and Y. SUZUKI...43
- Dental Care for a Child Patient with Congenital Insensitivity
to Pain with Anhidrosis
..... N. AIZAWA, N. SHINODA, H. HARUYAMA
C. KAGAWA, K. SHIMAMURA and Y. SUZUKI...49
- A Case Report of Skeletal 3 Cross Bite Treated with E-arch Technique
..... J. ITABASHI and K. FUKUI...53

Topics

- Study on All Ceramic Crown Fabricated by Dental CAD/CAM System
..... U. SAKAI...12
- Increase of Depression and the Present Conditions of Drugs
..... Y. CHIBA...34

Abstracts

Abstracts of Papers Presented at the 48th Meeting of the Ohu University Dental Society Special Session	59
General Seesion	62

Other

Effects of Wearing a Twin Block Appliance on Prefrontal Cortex Activity S. YOSHINAGA, M. HIROSE, S. NAKAMURA and T. HIMURO	i
---	---

Number 2

Original Articles

Barrel Finishing of Cobalt-Chromium Alloy Cast Plate —Prevention against Clasp Deformation—K. NAKAYAMA, N. MATSUMURA and T. YAMAMORI	77
Alendronate Enhances and Etidronate Inhibits <i>Porphyromonas gingivalis</i> -or Toll-like Receptor 2 Ligand-induced IL-6 Production by Mouse Macrophage-like J774.1 Cells K. NAGASAKI, R. TAMAI and Y. KIYOURA	85
Applicability of FDG-PET-CT to the Detection of Oral Cancer I. KAWAHARA, T. HAMADA, H. KON, M. SONODA Y. HAYASHI, Y. SHIBUSAWA, S. TAKADA and T. OHNO	93
Aspects of Melting Zone of Dental Metals in Laser Welding M. SHIMAKURA, M. TAKEUCHI and K. MIURA	99

Education

Summary of Oral Implantation Training for 5 th Grade Students and Results of Questionnaire Survey of the Students' Attitude toward It —Comparison between 2007 and 2008— M. KAGEYAMA, M. TAKEUCHI and M. KAMATA	105
---	-----

Clinical Report

A Case of General Anesthesia for a Patient with Agammaglobulinemia H. KAWAII, S. TOMITA, Y. NAKAIKE J. SATO, M. WATANABE, H. ITO S. OGAWA, R. AKANUMA and S. YAMAZAKI	113
Prosthetic Management of a Partially Edentulous Patient with Microstomia F. KATO, T. SEKINE, A. OHNO K. KOBAYASHI, T. YAMAMORI and K. SEINO	119

Short Communication

A Clinical Study of Phrenic Nerve Paralysis after Surgery for the Oral Cancer T. HAMADA, M. SONODA, Y. HAYASHI, H. KON S. TAKADA, T. OHNO, S. TOMITA and S. YAMAZAKI	125
--	-----

Topics

- Prosthesis for the Patients with Speech Disorders
..... K. KOBAYASHI...116
- Machining and Adhesion of Zirconia Ceramics
..... Y. ISHIDA...128

Number 3

Original Articles

- An Anti-Deformation Method for Barrel Finishing of
12%Au-Ag-Pd Alloy Cast Clasps
..... N. MATSUMURA, M. FURUSAWA, A. OHNO, T. SEKINE
Y. HAYATA, K. KOBAYASHI, T. YAMAMORI and K. SEINO...131

Clinical Report

- A Case of Amelanotic Malignant Melanoma of the Maxillary
Gingiva with a Clinical Characteristic of Epulis
..... I. KAWAHARA, T. HAMADA, H. KON
S. TAKADA, T. OHNO, T. KOITABASHI
J. NAKAE, Y. SAKURAI and H. ITO...137

Topics

- Diagnostic Criteria of the Peresthesia
..... Y. SHIBUSAWA...136
- The Pronunciation of the Kana in the Edo Period
..... N. NORIKO...160

Abstracts

- Abstracts of Papers Presented at the 49th Meeting of
the Ohu University Dental Society
..... 145

Announcements

- 151

Number 4

Original Articles

- Expression of Hsp47 in Oral Squamous Cell Carcinoma Cell Line, HSC-3
..... N. OKUYAMA, J. YUSA and H. ITO...161

Clinical Report

- Examination of Treatment for Odontogenic Infection in
a Patient Waiting for a Liver Transplant from a Brain-dead Donor
..... I. KAWAHARA, S. TAKADA, T. HAMADA, H. KON
T. OHNO, J. NAKAE and S. SASAKI...173

Topics

- Teachers' Ways of Thinking with Relation of Freshmen and Students
at University from Now on
..... F. KURUMADA ...172

Orthodontic Treatment Using Self-ligating System

..... T. RYU···180

Resumes of Dissertation 181

The Complete Table of Contents

The Name Index