

# The Journal of Meikai Dental Medicine

Volume 41 Number 2 2012

## Contents

---

<i>Original Articles</i>	Effect of $\beta$ -Tricalcium Phosphate Microgranules and Peripheral Blood Mononuclear Cells Prepared by Nonwoven Filter Method on Bone Regeneration in Experimental Bone Defect in Dog Makiko ISHII, Junichi TATSUMI, Yuki ONO, Yoichi OGAWA, Gaku ENDOU, Hidetomo ONISHI, Hideharu OTSUKA, Joichiro HAYASHI and Kitetsu SHIN	67
	The Effect of Pentazocine on the EEG Analysis during Nitrous Oxide-Sevoflurane Anesthesia Hiroshi OYAKE, Kazuyuki ONUKI, Yasuyoshi NAGAO, Shyumei YOSHIKAWA, Kazumasa MORI, Tsuneyasu TATSUTA, Hiroshi TAKESHIMA, Jun SHIMADA, Akihiko HASEGAWA and Hiroshi NAGASAKA	81
	Developmental Analysis of Mandibular Fossa by Use of Computed Tomography – Examination of Using Skull Bones – Reira OYAKE, Maki IZAWA, Mayu SASUGA, Naoto KIMURA, Nobuhide KOIZUMI, Yusei OTAKA, Yusuke SATO, Tomonori OZAWA, Nobutoshi TAKAHASHI and Yasuhiko OKUMURA	87
	The Effect of Various Decontamination Methods on Peri-implant Tissue of Experimental Peri-implantitis in Dogs Koichiro MIKAMI, Joichiro HAYASHI, Munetaka NARITA, Haesang KWON, Kohei Hayashi, Marina TERANISHI, Kazuhiro YATABE, Satomi NAMBA, Junichi TATSUMI, and Kitetsu SHIN	105
	The Relationship between Daytime Clenching and Sleep Bruxism Tomoaki IIZUKA, Masayuki SATO, Akira WATANABE, Naoki IWASE, Teruo INO, Satoshi ENDO, Hiromasa NORO, Takafumi KAWABE and Masanori FUJISAWA	119
	Upregulation of Proliferation and Differentiation of Tongue Myogenic Cells by Hepatocyte Growth Factor – Organ Culture and Serial Consecutive Section Analyses – Hiroshi TOKUNAGA, Yasuhiko BANDO, Koji SAKIYAMA and Osamu AMANO	128

---

---

*Case Reports*

Three Growing Cases of Cleft Lip and Palate undergone  
Maxillary Distraction Osteogenesis using Rigid External  
Distraction (RED) System

Ai OKADA, Mikiko MANO, Masayoshi YOSHIKAWA,  
Ayako NEGISHI, Hiroya HASEGAWA, Hisao SHIGEMATSU,  
Hideaki SAKASHITA and Naoto SUDA

134

---

A Case of an Asymmetric Skeletal Class III with Open Bite  
without Surgical Orthodontic Treatment

Taira ONIKUBO and Takanori ONISHI

147

---

Abstracts from the Society of Meikai Dental Medicine Meeting

S23

---