

## 2018 年度 論文書籍

### 1. 論文、書籍

#### (1) 著書

高橋 哲:顎変形症の治療 (顎骨延長法). 口腔外科のレベルアップとヒント. 片倉 朗編著、デンタルダイヤモンド社、東京、pp. 118-122. 2018

高橋 哲:滑液解析からわかること. 日本顎関節学会創立 30 周年記念号. 30: pp. 160-161, 2018

高橋 哲、川井 忠:上顎洞底挙上術時の合併症についてのメタアナリシス (翻訳・解説) The クインテッセンス 58 (1): 209-218, 2019

川井 忠, 松井桂子, 鈴木 治, 高橋 哲, 鎌倉慎治:リン酸オクタカルシウム・コラーゲン複合体、歯界展望;201, 8131(5):870-876, 2018

濱田良樹、千葉雅俊、山内健介、高橋 哲:顎関節の疾患あるいは障害、日本顎関節学会編、新編 顎関節症 改訂版、永末書店;pp. 106-113, 2018

#### (2) 原著

Yamauchi K, Nogami S, Kataoka Y, Koyama S, Lethaus B, Takahashi T.  
Cortical bone repositioning for horizontal alveolar bone augmentation; A case series.  
International Journal of Periodontal & Restorative Dentistry 2018; 38: 691-697.

Yamauchi K, Takahashi T, Suzuki H, Yamaguchi Y, Nogami S, Sugawara J.  
Effect of “Surgery-first” orthodontic approach on temporomandibular symptoms and function: a comparison with “Orthodontic-first” approach. Oral Surg Oral Med Oral Pathol Oral Radiol, 2018

Miyashita H, Sato N, Kochi T, Takagi N, Takahashi T.  
Virtual Surgical Simulation of Plate Setback for Reconstruction in an Edentulous Patient Following Segmental Mandibulectomy. J Clin Trials 8, 2018.

Suzuki H, Bando K, Tada H, Kiyama T, Oizumi T, Funayama H, Sugawara S, Takahashi T, Endo Y.

Augmentation of lipopolysaccharide-induced production of IL-1 $\alpha$  and IL-1b in mice given intravenous zoledronate (a nitrogen-containing bisphosphonate) and its prevention by clodronate (a non-nitrogen-containing bisphosphonate). *Biol Pharm Bull*, in press, 2018

Fujioka-Kobayashi M, Tsuru K, Nagai H, Fujisawa K, Kudoh T, Ohe G, Ishikawa K, Miyamoto Y. Fabrication and evaluation of carbonate apatite-coated calcium carbonate bone substitutes for bone tissue engineering. *J Tissue Eng Regen Med*. 12(10):2077-2087. 2018

Kajii Fumihiko, Iwai Atsushi, Tanaka Hidenori, Matsui Keiko, Kawai Tadashi, Kamakura Shinji.

Influence of Electron Beam Irradiation Doses on Bone Regeneration by Octacalcium Phosphate Collagen Composite. *Journal of Tissue Engineering and Regenerative Medicine*. 12(2):e1186-e1194, 2018

Tadashi Kawai, Keiko Matsui, Yushi Ezoe, Fumihiko Kajii, Osamu Suzuki, Tetsu Takahashi, Shinji Kamakura.

Efficacy of octacalcium phosphate collagen composite for titanium dental implants. *Materials*. 11(2), E229, 2018

Atsushi Iwai, Fumihiko Kajii, Hidenori Tanaka, Kazuo Sasaki, Keiko Matsui, Tadashi Kawai, Shinji Kamakura.

Bone regeneration by freeze-dried composite of octacalcium phosphate collagen and teriparatide. *Oral Diseases*. 24(8):1514-1521, 2018

Fujii H, Horie S, Takeda K, Mori S, Kodama T.

Optimal range of injection rates for a lymphatic drug delivery system. *J Biophotonics*. 20:e201700401. 2018

Ouchi T, Sukhbaatar A, Horie S, Sakamoto M, Shiga K, Mori S, Kodama T.

Superselective Drug Delivery Using Doxorubicin-Encapsulated Liposomes and Ultrasound in a Mouse Model of Lung Metastasis Activation. *Ultrasound Med Biol*. 44(8):1818-1827, 2018

Zheng J, Jia L, Mori S, Kodama T.

Evaluation of metastatic niches in distant organs after surgical removal of tumor-bearing lymph nodes. *BMC Cancer*. 30;18(1):608, 2018

Kurihara J, Mori S, Oikawa M, Kumamoto H, Takahashi T.

Peripheral clear cell variant of calcifying epithelial odontogenic tumor devoid of calcification. *J Oral Sci.* 23;60(3):469-472, 2018

Kodama T, Mori S, Nose M.

Tumor cell invasion from the marginal sinus into extranodal veins during early-stage lymph node metastasis can be a starting point for hematogenous metastasis. *J Cancer Metastasis Treat.* 4:56, 2018

Ryo Iwamura, Maya Sakamoto, Shiro Mori, Tetsuya Kodama.

Imaging of the mouse lymphatic sinus during early-stage lymph node metastasis using intranodal lymphangiography with X-ray micro-computed tomography. *Molecular Imaging and Biology.* in press, 2018

Sukhbaatar A, Mori S, Saiki Y, Takahashi T, Horii A, Kodama T.

Lymph node resection induces the activation of tumor cells in the lungs. *Cancer Science*, submitted, in press 2018

Masatoshi Chiba, Hiroaki Hirotsu, Tetsu Takahashi.

Clinical features of idiopathic parotid pain triggered by the first bite in Japanese patients with type 2 diabetes: a case study of nine patients. *Pain Research and Treatment* 2018 article ID 7861451

Nogami S, Yamauchi K, Bottini GB, Kouketsu A, Otake Y, Sai Y, Kataoka Y, Miyashita H, Takahashi T.

Do mandibular third molars play a role in fractures of the mandibular angle and condyle ?. *J Craniofac Surg.* 29(7):e713-717, 2018

Nogami S, Takahashi T, Yamauchi K, Takeda Y, Ito K, Chiba M, Gaggl A.

Relationship between arthroscopic findings of synovitis and levels of tumour necrosis factor-alpha and matrix metalloproteinases in synovial lavage fluid from patients with unilateral high mandibular condyle fractures. *J Oral Rehabil.* 45(6):452-458, 2018

Yamaguchi Y, Yamauchi K, Suzuki H, Sai Y, Nogami S, Takahashi T

Volumetric comparison of maxillofacial soft tissue morphology: computed tomography in the supine position versus three-dimensional optical scanning in the sitting position. *Oral Surg Oral Med Oral Pathol Oral Radiol.* 125(4):351-357, 2018.

Ryosuke Iwama, Takahisa Anada, Kaori Tsuchiya, Tetsu Takahashi, Osamu Suzuki.

Osteogenic cellular activity around octacalcium phosphate-gelatin composite onto rat calvaria. *J Biomed Mater Res A*. 106(5):1322-1333, 2018

Kenko Tanaka, Irena Saller, Ryosuke Iwama, Kensuke Yamauchi, Shinnosuke Nogami, Nobuhiro Yoda, Tetsu Takahashi.

Relationship between cortical bone thickness and implant stability at the time of surgery and secondary stability after osseointegration measured using resonance frequency analysis. *J Periodontal Implant Sci*. 48(6):360-372, 2018

Sai Y, Shiwaku Y, Anada T, Tsuchiya K, Takahashi T, Suzuki O.

Capacity of octacalcium phosphate promoting osteoblastic differentiation toward osteocyte in vitro. *Acta Biomater*. 15(69):362-371, 2018

Sugawara J, Nagasaka H, Yamada S, Yokota So, Takahashi T, Nanda R.

The application of orthodontic miniplates to Sendai Surgery First. *Seminars in Orthodontics*. *Seminars in Orthodontics*. 24(1):17-36, 2018

Arima Y, Oikawa M, Shimizu Y, Echigo S, Takahashi T, Kumamoto H.

Immunohistochemical assessment of hypoxia-inducible factor-1 $\alpha$  (HIF-1 $\alpha$ ) and carbonic anhydrase IX (CA IX) in ameloblastomas. *Journal of Oral and Maxillofacial Surgery, Medicine, and Pathology*. 30(3):294-300, 2018

Sato T, Shimizu Y, Odashima K, Sano Y, Yamamoto A, Mukai T, Ikeo N, Takahashi T, Kumamoto H.

In vitro and in vivo analysis of the biodegradable behavior of a magnesium alloy for biomedical applications. *Dent Mater J*. Epub, 2018

Kawai T, Takahashi T, Matsui K, Ezo Y, Kajii F, Shimizu Y, Koyama S, Kumamoto H, Suzuki O, Kamakura S.

Application of Octacalcium Phosphate and Collagen Composite for Bone Augmentation with Sinus Floor Elevation in Humans. *Clinics in surgery*. 3:2112, 2018

Kouketsu A, Sato I, Oikawa M, Shimizu Y, Saito H, Tashiro K, Yamashita Y, Takahashi T, Kumamoto H.

Regulatory T cells and M2-polarized tumor-associated macrophages are associated with the oncogenesis and progression of oral squamous cell carcinoma. *Int J Oral Maxillofacial Surg*, in press, 2018

Otake Y, Nakamura M, Henmi A, Takahashi T, Sasano Y.  
Experimental Comparison of the Performance of Cutting Bone and Soft Tissue between  
Piezosurgery and Conventional Rotary Instruments. Sci Rep. 21;8(1):17154, 2018

下田 元、佐藤 実、高橋 哲

ミダゾラム、プロポフォール併用による静脈内鎮静法管理を実施した顎口腔外科症例に関する臨床  
的評価

東北大学歯学雑誌, 2018

松井桂子, 野上晋之介, 山内健介, 君塚 哲, 越後成志, 高橋 哲

顎裂部新鮮自家腸骨海綿骨細片移植術後のX線CT画像による移植骨の経時的変化

日口蓋誌;43(3), 189-196, 2018.

### (3) 症例報告

Hajime Shimoda, Tetsu Takahashi.

Perioperative management in a patient with type 1 diabetes mellitus who presented severe  
hypoglycemia during dental implant surgery: a case report

BMC Oral Health. 18:204,2018

Hajime Shimoda, Minoru Sato, Tetsu Takahashi.

Perioperative blood pressure control in an oral surgical patient with severe dissecting  
thoracoabdominal aortic aneurysm

東北大学歯学雑誌

Keiko Matsui, Tetsu Takahashi, Tadashi Kawai, Shinji Kamakura.

First Clinical Application of New Bone Substitute Material to the Alveolar Cleft. Journal of  
Clinical Trials. 8(3):346, 2018

Tadashi Kawai, Tetsu Takahashi, Keiko Matsui, Yushi Ezoe, Osamu Suzuki, Shinji  
Kamakura.

Application of octacalcium phosphate collagen composite to bone defects in humans: A  
long-term observational study. Clinics in Surgery. 3:2130, 2018

樋口景介、千葉雅俊、山口佳宏、高橋 哲

歯科を受診した結膜充血および流涙を伴う短時間持続性片側神経痛様頭痛発作(SUNCT)の1  
例. 日本口腔顔面痛学会雑誌 2018 年

岩間亮介、野上晋之介、横田 聡、武田裕利、山内健介、高橋 哲

強直性脊椎炎を伴った顎関節強直症に対し顎関節授動術を施行した 1 例. 日口外誌 64(10): 582- 587, 2018.

**(4) 総説・その他**

川井 忠, 松井桂子, 江副祐史, 小山重人, 鈴木 治, 高橋 哲  
インプラント治療へのリン酸オクタカルシウム・コラーゲン複合体の応用  
日本顎顔面インプラント学会誌; 17(1):3-8, 2018