

## 2019 年度 論文、書籍

### 1. 論文、書籍

#### (1) 著書

山内健介. 口腔外科医がイラストで語る難抜歯攻略テクニクーリスク回避のマネージメントー,  
インターアクション社, 2019

歯科金属アレルギーの予防・診断・治療に向けた疾患特異的 T 細胞の同定

伊藤甲雄、武田裕利、小笠原康悦. 炎症と免疫 *Inflammation & Immunity* 2019, 27(6): 25-29

#### (2) 原著

Yamauchi K, Morishima H, Nogami S, Takahashi T

Endoscope-assisted intraoral approach for removal of ectopic third molar to the lower border mandible using long-tip ultrasonic device. *Clinics in Surgery*, 4:2329, 2019

Martinez-de la Cruz G, Yamauchi K, Odajima K, Nogami S, Takahashi T

Histologic and histomorphometric evaluation of the bone regeneration following cortical bone repositioning in a rabbit mandible. *Clin Implant Dent Relat Res*, 35:194-198, 2019

Koper D, Kessler P, Habibovic P, Moroni L, Yamauchi K, Lethaus B, Laak-Poort M

Cranioplasty with patient-specific implants in repeatedly reconstructed cases. *Journal of Craniomaxillofacial Surgery*. 47(5):709-714, 2019

Lie N, Yamauchi K, Wiltfang J, Merten HA, Kessler P

Pre-implantological bone formation in the floor of the maxillary sinus in a self-supporting space. *Journal of Craniomaxillofacial Surgery*. 47(3):454-460, 2019

Higuchi K, Chiba M, Sai Y, Yamaguchi Y, Nogami S, Yamauchi K, Takahashi T

Relationship between temporomandibular joint pain and magnetic resonance imaging findings in patients with temporomandibular joint disorders, *Int J Oral Maxillofac Surg* ,2019  
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Yoko Abe, Mirei Chiba, Sanicha Yaklai, Roan Solice Pechayco, Hikari Suzuki, Tetsu Takahashi

Increase in bone metabolic markers and circulating osteoblast-lineage cells after orthognathic surgery, *Scientific Reports* volume 9, Article number: 20106, 2019

Miyashita H, Kitamura J, Ando F, Kouketsu A, Kataoka Y, Shimoda H, Inamura N, Okamoto T, Takahashi T

Perioperative Evaluation of the Controlling Nutritional Status (CONUT) Score in Patients with N0 Oral Cancer. *Progress in Nutrition* 21(3) : 2019

Sato N, Koyama S, Mito T, Izumita K, Ishiko R, Yamauchi K, Miyashita H, Kosaka M, Takahashi T, Sasaki K

Changes in oral health-related quality of life after oral rehabilitation with dental implants in patients following mandibular tumor resections. *J Ora Sci*, in press, doi: 10.2334/josnugd.18-0234. [Epub ahead of print]

Kouketsu A, Matsui K, Kawai T, Ezoie Y, Yanagisawa T, Yasuda A, Takahashi T, Kamakura S

Octacalcium phosphate collagen composite stimulates the expression and activity of osteogenic factors to promote bone regeneration

*J Tissue Eng Regen Med*, 2019;1-9 DOI:10.1002/term.2969

Nogami S, Yamauchi K, Bottini GB, Morishima H, Sai Y, Otake Y, Higuchi K, Kumagai M, Gaggl A, Takahashi T

Mandibular fractures and dental injuries sustained during baseball and softball over 14 years in a Japanese population: a retrospective multicentre study. *Dent Traumatol* 2019, in press.

Nogami S, Yamauchi K, Bottini G, Otake Y, Sai Y, Morishima H, Higuchi K, Ito K, Gaggl A, Takahashi T

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

The accuracy of maxillary position using a CAD/CAM intermediate splint delivered via surgical simulation in bimaxillary orthognathic surgery. *J Craniofac Surg*, in press, 2019

Kurobane T, Shiwaku Y, Anada T, Hamai R, Tsuchiya K, Baba K, Iikubo M, Takahashi T, Suzuki O

Angiogenesis involvement by octacalcium phosphate-gelatin composite-driven bone regeneration in rat calvaria critical-sized defect. *Acta Biomaterialia*, in press, 2019

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Immunohistological assessment of growth factor signaling molecules; MAPK, Akt, and

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Analysis of tumor vascularization in a mouse model of metastatic lung cancer. Scientific Reports 2019. DOI:10.1038/s41598-019-52144-2

Kato S, Shirai Y, Sakamoto M, Mori S, Kodama T.  
Use of a lymphatic drug delivery system and sonoporation to target malignant metastatic breast cancer cells proliferating in the marginal sinuses. Scientific Reports. 2019 Sep 13;9(1):13242. ePub-PMID:31519920

Izumiyama T, Mori Y, Mori S, Mori N, Kodama T, Itoi E.  
The effect of anti-IL-6 receptor antibody for the treatment of Mch-lpr/lpr-RA1 mice that spontaneously developed destructive arthritis and enthesitis. BMC Musculoskeletal Disorders. 2019; 20:286. ePub-PMID:31200688

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Lymph node resection induces the activation of tumor cells in the lungs. *Cancer Sci.* 2019 Feb;110(2):509-518. ePub-PMID:30499190

Shimoda H, Takahashi T

Paroxysmal atrial flutter that occurred in an outpatient prior to dental surgery. *BMC Oral Health.* in press, 2019

Saito H, Shimizu Y, Tone T, Odashima K, Sano Y, Shinoda H, Takahashi T, Kumamoto H  
Effects of local administration of novel bisphosphonate disodium dihydrogen-4-[(Methylthio) Phenylthio] Methane-Bisphosphonate (MPMBP) on the healing of femoral bone defects in wistar rats. *J Hard Tissue Biol.* in press, 2019

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Immunohistochemical assessment of Eph/ephrin expression in oral squamous cell carcinoma and its precursor lesions. *Odontology.* in press, 2019

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The safety and efficacy of octacalcium phosphate and collagen composite in bone augmentation: A prospective phase 2 clinical trial. *J Tissue Eng.* in press, 2019

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, in press

下田 元、佐藤 実、高橋 哲

心移植待機患者の口腔外科周術期管理に関する臨床的評価

東北大学歯学雑誌, in press

阿部陽子、遠藤義隆、高橋哲

舌ピアス迷入の1例

東北大学歯学雑誌, in press

下顎頭の関節包内骨折に対して外科的整復術を施行した2例

日本顎関節学会雑誌, 2019年31巻2号 p121-129

黒羽根 壮、山内健介、宮下 仁、森島浩允、熊本裕行、高橋 哲  
内視鏡下の口腔内アプローチにより確定診断を得た増大傾向を示した静止性骨空洞の1例  
日本口腔外科学会雑誌, 掲載中, 2019

### (3) 症例報告

Kawai Tadashi, Kamakura Shinji, Matsui Keiko, Fukuda Masayuki, Takano Hiroshi, Iino Mitsuyoshi, Ishikawa Shigeo, Kawana Hiromasa, Soma Tomoya, Imamura Eisaku, Kizu Hideki, Michibata Aya, Asahina Izumi, Miura Keiichiro, Nakamura Norifumi, Kibe Toshiro, Suzuki Osamu, Takahashi Tetsu

Clinical study of octacalcium phosphate and collagen composite in oral and maxillofacial surgery.

Journal of Tissue Engineering 2019

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, in press

Hajime Shimoda, Tetsu Takahashi

Management of paroxysmal atrial flutter that occurred in an outpatient prior to dental surgery: a case report

BMC Oral Health,19:271,2019

下田 元、佐藤 実、宮下 仁、片岡 良浩、北村 淳、大竹 義雄、黒羽根 壮、高山 慎騎、高橋 哲

全身状態の急変を呈した外来症例の緊急処置に関する臨床的評価 — emergency case の risk management —

東北大学歯学雑誌, in press

下田 元、佐藤 実、宮下 仁、片岡 良浩、北村 淳、大竹 義雄、黒羽根 壮、高山 慎騎、高橋 哲

1型、2型糖尿病を有する口腔外科患者の周術期 血糖コントロールによる全身管理に関する臨床的評価東北大学歯学雑誌, in press

Shuichi Sato, Tetsu Takahashi, Hiroyuki Kumamoto

Pediatric chronic diffuse sclerosing osteomyelitis of the mandible: An 11-year follow-up report.東北大学歯学雑誌, in press

佐藤修一、永井和宏、山内健介、宮下 仁、川井 忠、野上晋之介、高橋 哲  
東北大学病院歯科顎口腔外科におけるインシデント報告の分析  
東北大学歯学雑誌, in press

#### **(4) 総説・その他**

川井 忠, 鎌倉慎治, 松井桂子, 高橋 哲, 鈴木 治  
リン酸八カルシウム・コラーゲン複合体に関する基礎研究から治験までの経過概要  
日本バイオマテリアル誌 37(2):88-95,2019