

研究業績（平成 27 年度）

論文、書籍

(1) 著書

1, Takahashi T, Yamashita Y, Miyamoto I, Yamauchi K, Yokoto S, Nogami S, Tanaka K.

Prosthetic reconstruction for oral cancer patients using dental implants.

Oral Cancer: Diagnosis and Therapy.

Edited by Kirita T and Omura K. Springer, Tokyo, pp. 273-284, 2015

2, Yamauchi K, Takahashi T.

Horizontal alveolar distraction osteogenesis and periosteal expansion osteogenesis. Horizontal alveolar ridge augmentation in implant dentistry: surgical manual.

Len Tolstunov, Willy-Blackwell; 2015

3, Yamauchi K, Takahashi T.

Cortical Bone Repositioning Technique. Horizontal alveolar ridge augmentation in implant dentistry: surgical manual.

Len Tolstunov, Willy-Blackwell; 2015

4, Takahashi T, Yamauchi K.

Vertical augmentation of the alveolar ridge with titanium-reinforced devices (Protected bone regeneration). In Vertical augmentation of the alveolar ridge in implant dentistry. Edited.

By Len Torstunov, Wiley-Blackwell, Hoboken, NJ, USA. 2016

5, 高橋 哲

頸関節症（頸関節脱臼を含む）

今日の治療指針、医学書院、東京、pp. 1579、2016

6, 高橋 哲、川井 忠

インプラント埋入に関連する非日常的な術前術後の合併症の概説 2015

THE QUINTESSENCE vol.34 181-189.

7, 高橋 哲

第IV章 頸関節強直症. 村上賢一郎監修 「頸関節の外科」

クインテッセンス出版 東京 2016

(2) 原著

- 1, Yamauchi K, Nogami S, Tanaka K, Yokota S, Shimizu Y, Kanetaka H, Takahashi T.
The effect of decortication for periosteal expansion osteogenesis using shape memory alloy device.
Clinical Implant Dentistry and Related Research 17: 376-384, 2015
- 2, Dominik Dziewiecki, Sander van de Loo, Felix Gremse, Anita Kloss-Brandstätter, Frank Kloss,
Vincent Offermanns, Kensuke Yamauchi, Peter Kessler, Bernd Lethaus.
Osteogenesis due to periosteal elevation with degradable and non-degradable devices in Göttingen
minipig.
Journal of Craniomaxillofacial Surgery, 2015 in press.
- 3, Matsui A, Kurihara J, Morishima H, Suzuki H, Sato S, Yamauchi K, Takahashi T.
Medication related osteonecrosis of the Jaw (MRONJ): A retrospective survey of a series of patients
treated according to the AAOMS guidelines.
J Oral Maxillofac Surg, Med, and Pathol 2015 in press.
- 4, Ogura M, Yamamoto Y, Miyashita H, Kumamoto H, Fukumoto M.
Quantitative analysis of nuclear shape in oral squamous cell carcinoma is useful for predicting the
chemotherapeutic response.
Mol Morphol 2015 [Epub ahead of print]
- 5, Alsaegh MA, Miyashita H, Taniguchi T, Zhu SR.
Odontogenic epithelial proliferation is correlated with COX-2 expression in dentigerous cyst and
ameloblastoma.
Exp Ther Med 2015 in press.
- 6, Alsaegh MA, Miyashita H, Zhu SR.
Expression of Human Papillomavirus is Correlated with Ki-67 and COX-2 Expressions in
Keratocystic Odontogenic Tumor.
Pathol Oncol Res 21(1):65-71, 2015.
- 7, Ezoe Y, Anada T, Yamazaki H, Handa T, Kobayashi K, Takahashi T, Suzuki O.

Characterization of partially hydrolyzed OCP crystals deposited in a gelatin matrix as a scaffold for bone tissue engineering.

J Nanopart Res 2015, in press.

8, Kawai T, Suzuki O, Matsui K, Tanuma Y, Takahashi T, Kamakura S.

Octacalcium phosphate collagen composite facilitates bone regeneration of large mandibular bone defect in humans.

J Tissue Eng Regen Med 2015 in press.

9, Edamatsu H, Kawai T, Matsui K, Nakai M, Takahashi T, Echigo S, Niinomi M, Kamakura S.

High Bone Bonding Ability and Affinity of New Low-rigidity b-type Ti-29Nb-13Ta-4.6Zr Alloy as a Dental Implant.

Journal of Dental and Oral Health 1(2), 2015.

10, Aritsune Matsui , Danielle Stephens, Alpdogan Kantarci, Susan R. Rittling.

Early Cytokine Response to Infection with Pathogenic vs Non-Pathogenic Organisms in a Mouse Model of Endodontic Infection.

PLOS ONE/ /July 14, 2015 DOI: 10.1371/journal.pone.0132752

11, Kouketsu A, Sato I, Abe S, Oikawa M, Shimizu Y, Takahashi T, Kumamoto H.

Detection of human papillomavirus infection in oral squamous cell carcinoma: a cohort study of Japanese patients.

J Oral Pathol Med 2015, in press.

12, Kato S, Shirai Y, Kanzaki H, Sakamoto M, Mori S, Kodama T.

Delivery of Molecules to the Lymph Node via Lymphatic Vessels Using Ultrasound and Nano/Microbubbles.

Ultrasound Med Biol 2015; 41(5):1411-21.

13, Kodama T, Hatakeyama Y, Kato S, Mori S.

Visualization of fluid drainage pathways in lymphatic vessels and lymph nodes using a mouse model to test a lymphatic drug delivery system.

Biomed Opt Express 2015; 6(1):124-34.

14, Saito K, Mori S, Date F, Hong G.

Epigallocatechin gallate stimulates the neuroreactive salivary secretomotor system in autoimmune sialadenitis of MRL-Faslpr mice via activation of cAMP-dependent protein kinase A and inactivation of nuclear factor κ B.

Autoimmunity 2015; 48(6): 379-388.

15, Shao L, Ouchi T, Sakamoto M, Mori S, Kodama K.

Activation of latent metastases in the lung after resection of a metastatic lymph node in a lymph node metastasis mouse model.

Biochem Biophys Res Commun. 2015; 460(3):543-8.

16, Sato T, Mori S, Sakamoto M, Arai Y, Kodama T.

Direct Delivery of a Cytotoxic Anticancer Agent into the Metastatic Lymph Node Using Nano/Microbubbles and Ultrasound.

PLoS One. 2015;10:e0123619. ePubMed-PMID:25897663

17, Shao L, Takeda K, Kato S, Mori S, Kodama T.

Communication between lymphatic and venous systems in mice.

J Immunol Methods 2015;424:100-5.

18, Ito K, Noro K, Yanagisawa Y, Sakamoto M, Mori S, Shiga K, Kodama T, Aoki T.

High-Accuracy Ultrasound Contrast Agent Detection Method for Diagnostic Ultrasound Imaging Systems.

Ultrasound Med Biol 2015; 41(12): 3120-30.

19, Kato S, Mori S, Kodama T.

A Novel Treatment Method for Lymph Node Metastasis Using a Lymphatic Drug Delivery System with Nano/Microbubbles and Ultrasound.

J Cancer 2015; 6(12): 1282-94.

20, Miura Y, Mikada M, Ouchi T, Horie S, Takeda K, Yamaki T, Sakamoto M, Mori S, Kodama T.

Early diagnosis of lymph node metastasis: importance of intranodal pressures.

Cancer Sci 2015 Dec 30. doi: 10.1111/cas.12873. [Epub ahead of print]

21, Sugiura T, Matsuki D, Okajima J, Komiya A, Mori S, Maruyama S, Kodama T.

Photothermal therapy of tumors in lymph nodes using gold nanorods and near-infrared laser light with controlled surface cooling.

Nano Research 2015, in press.

22, Abe S, Oikawa M, Miki Y, Shimizu Y, Suzuki T, Takahashi T, Kumamoto H.
Immunohistochemical and genetic evaluations of epidermal growth factor receptor (EGFR) in oral squamous cell carcinoma.

Journal of Oral and Maxillofacial Surgery, Medicine, and Pathology 2016; 28(2): 174-181.

23, Takano H, Takahashi T, Nakata A, Nogami S, Yusa K, Kuwajima S, Yamazaki M, Fukuda M.
Facilitation of bone resorption activities in synovial lavage fluid patients with mandibular condyle fractures.

J Oral Rehabil 2016, in press.

24, Ishiko R, Anada T, Kobayashi K, Kawai T, Tanuma Y, Sasaki K, Suzuki O.
Oriented bone regenerative capacity of octacalcium phosphate/gelatin composites obtained through two-step crystal preparation method.
Journal of Biomedical Materials Research: Part B. 2016 in press.

25, Cyriel Souren, Anita Kloss-Brandstätter, Annika Stadler, Kross Kenneth, Kensuke Yamauchi, Dominik Ketelsen, Peter Kessler, Bernd Lethaus.
Ultrasound-guided fine-needle aspiration cytology as a diagnostic tool in comparison to ultrasound and MRI for staging in oral- and oropharyngeal squamous cell tumors.
Journal of Craniomaxillofacial Surgery 2016; 44(2):197-201.

26, 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 2016, in press.

27, 下田 元、佐藤 実、高橋 哲
異常高血圧を呈した顎口腔外科外来症例の周術期血圧管理に関する臨床的評価.
東北大学歯学雑誌 2015, 印刷中

28, 田沼裕志、越後成志、川井 忠、松井桂子、高橋 哲、鈴木 治、鎌倉慎治
リン酸オクタカルシウム・コラーゲン複合体の埋入によるヒト抜歯窩治癒過程の評価.
東北大学歯学雑誌 2015, 印刷中

29, 野上晋之介、松井桂子、君塚 哲、片岡良浩、山内健介、橋元 亘、越後成志、高橋 哲

過去15年間の当科における口蓋形成手術の臨床的検討（第1報） - 口蓋垂基部と咽頭後壁間距離の後ろ向き調査 -. 東北大学歯学雑誌 2016, 印刷中

(3) 症例報告

- 1, Nogami S, Yamauchi K, Tanuma Y, Odashima K, Matsui A, Tanaka K, Takahashi T.
Removal of dental implant displaced into maxillary sinus by combination of endoscopically assisted and bone repositioning techniques: a case report.
J Med Case Rep 2016; 10(1):1.
- 2, Kataoka Y, Yamauchi K, Saito M, Nogami S, Yamaguchi Y, Saito H, Kumamoto H, Takahashi T.
Radicular cyst associated with anomalous tooth, suspicious of dens invaginatus: report of two cases.
Journal of Oral and Maxillofacial Surgery, Medicine, and Pathology 2016, in press
- 3, Kouketsu A, Hashimoto W, Gerardo Martinez de la Cruz, Takahashi T.
Septic shock associated with denosumab-related osteonecrosis of thejaw: A case report and literature review.
Journal of Oral and Maxillofacial Surgery, Medicine, and Pathology 2016, in press
- 4, 下田 元
アルツハイマー型認知症を合併した高齢患者の静脈内鎮静法による口腔外科周術期管理.
臨床麻酔 2015; 39(8): 1191-1193.
- 5, 下田 元、佐藤 実
診療行為実施前に突然一過性の意識消失を呈した口腔外科外来症例
日本蘇生学会雑誌 2016, 印刷中
- 6, 頬纏 衆、栗原 淳、橋元 亘、樋口景介、熊本裕行、高橋 哲
舌下腺に生じた低悪性度粘表皮癌の1例. 日本口腔腫瘍学会雑誌 2015; 27 : 141-148.
- 7, 北村淳、野上晋之介、山内健介、田中謙光、佐藤修一、刀根武士、及川麻理子、清水良央、熊本裕行、高橋 哲
口蓋に生じた膿原性肉芽腫の1例. 東北大学歯学雑誌 2016, 印刷中

(4) 総説・その他

英文、和文の順に、自分の氏名に下線

1, Yamauchi K, Yamaguchi Y, Katoh H, Takahashi T.
Tooth-bone CAD/CAM surgical guide for genioplasty.
British Journal of Oral and Maxillofacial Surgery 2015 in press.

2, 高橋 哲、田中謙光。
共振周波数解析装置「オステル ISQ アナライザ」によるインプラント体の安定性評価。
Dental Magazine 2015; 152: 12-14.

3, 武田裕利、井口直彦、山口佳宏、高橋 哲、小笠原康悦
金属アレルギーを引き起こす病原性T細胞. バイオマテリアル-生体材料
バイオマテリアル・生体材料 2015; 33(2): 140-143

4, 武田裕利、井口直彦、山口佳宏、高橋哲、小笠原康悦
金属アレルギーと病原性T細胞
臨床免疫・アレルギー科 Clinical immunology & Allergology 2015; 64(3): 270-274