

**Oral Presentation : October 26**

- O-1-1 Searching for mechanisms of anesthetics based on the function of TRP channels in the brain slices obtained from three developmental stages**  
NANAE TAKAHASHI  
Department of Anesthesiology, Tokyo Medical University Hachioji Medical Center
- O-1-2 Neural response to orofacial pain in Alzheimer's disease model rats**  
MASAYOSHI HAYASHI  
Department of Dental Anesthesiology, Osaka University Graduate School of Dentistry
- O-1-3 Excitability changes in trigeminal nerve induced by entrapment neuropathy : Role of voltage gated sodium channels**  
TORU YAMAMOTO  
University of California, Los Angeles, School of Dentistry, Laboratory of Neuropharmacology
- O-1-4 The mechanism of hyperalgesia in 6-hydroxidopamine induced rat model of Parkinson's disease**  
NAYUKA USAMI  
Department of Dental Anesthesiology, Osaka University Graduate School of Dentistry, Osaka, Japan
- O-1-5 IFN- $\gamma$  in activated glial cells is involved in an enhancement of orofacial neuropathic pain**  
SAYAKA ASANO  
Department of Oral Diagnostic Sciences, Nihon University School of Dentistry, Tokyo, Japan
- O-1-6 Intracellular signaling pathway of the short-chain free fatty acids-induced human airway smooth muscle contraction**  
HARUKA SASAKI  
Dento-oral Anesthesiology, Tohoku University Graduate School of Dentistry
- O-1-7 Airway Scope<sup>®</sup> reduces the hemodynamic response compared with the Macintosh laryngoscope ; A systematic review**  
HIROSHI HOSHIJIMA  
Saitama Medical University Hospital, Department of Anesthesiology
- O-1-8 Relationships between biomarkers, aging index, left ventricular diastolic function and postoperative cardiovascular abnormalities**  
RUMI SHIDOU  
Department of Dental Anesthesiology, Kagoshima University Graduate School of Medical and Dental Sciences, Kagoshima, Japan

- O-1-9 Potential of the Japanese version of PainDETECT questionnaire for patients with chronic orofacial pain and psychiatric comorbidities**  
AIJI SATO (BOKU)  
Aichi Gakuin University School of Dentistry Department of Anesthesiology
- O-1-10 Pain control of trigeminal neuralgia with carbamazepine : Does the strength of nerve compression affect the amount of carbamazepine**  
TOMOYASU NOGUCHI  
Department of Oral Health and Clinical Science, Tokyo Dental College
- O-1-11 Evaluation of the influence on daily life and the dental treatment outcome in patients with intellectual disability after general anesthesia**  
AYUMI KONNO  
Yokohama City Center for Oral Health of Persons with Disabilities
- O-1-12 Analysis of hemodynamic alteration triggered by infiltration anesthesia using lidocaine with adrenaline**  
MASAKO KANAMURA  
Showa University

**Poster Presentation : October 26**

- P-1-1**      **An analysis of diurnal variation in pain sensitivity in trigeminal areas using an animal model of acute and persistent pain**  
AYAKO NIRO  
Department of Dental Anesthesiology, Field of Oral Maxillofacial Rehabilitation, Graduate School of Medical and Dental Sciences, Kagoshima University, Kagoshima, Japan
- P-1-2**      **Functional coupling between P2X receptor and pannexin-1 channel in rat trigeminal ganglion neurons**  
HIROYUKI INOUE  
Tokyo Dental College Department of Dental Anesthesiology
- P-1-3**      **Descending orexinergic inhibition contributes to the linalool odor-induced analgesia in mice**  
YURINA HIGA  
Department of Dental Anesthesiology, Graduate School of Medical and Dental Sciences, Kagoshima University
- P-1-4**      **Involvement of dopamine D2 receptor on allodynia induced by infraorbital nerve injury in rats**  
HIROHARU MAEGAWA  
Osaka University Dental Hospital Dental Anesthesiology
- P-1-5**      **A search for onset of age and sensitivity of temperature on bradykinin B<sub>1</sub> receptor in rat trigeminal ganglion neurons**  
REIKO TERASHIMA  
Department of Anesthesiology, Ichikawa General Hospital, Tokyo Dental College, Chiba, Japan
- P-1-6**      **Central nervous system action mechanism of midazolam and dexmedetomidine : Examination from the brain monoamine nervous system**  
MAKIKO YAMADA  
Department of Anesthesiology, Tsurumi University School of Dental Medicine
- P-1-7**      **Acetaminophen attenuates widespread sensitization in trigeminal inflammatory pain of rats**  
MANAMI YAJIMA  
Department of Neuroscience, Jikei University, School of Medicine
- P-1-8**      **Study on arterial pressure at optimum sedative condition during IVS for patients with intellectual disabilities who take antipsychotic drugs**  
YUKI ODA  
Hiroshima University Hospital, Special Care Dentistry

- P-1-9**      **The ability of GABA receptor agonists to induce immobility in mice is independent of profound central nervous system depression in EEG**  
 TAIGA YOSHINAKA  
 Section of Dental Anesthesiology, Department of Oral & Maxillofacial Surgery and Oral Medicine, Hiroshima University Hospital, Hiroshima, Japan
- P-1-10**     **Comparison of properties of liposome-encapsulated midazolam due to difference of lipid materials**  
 YUKIKO NISHIOKA  
 Department of Dental Anesthesiology and Special Care Dentistry, Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Sciences
- P-1-11**     **Evaluation of stress response in dental procedures with measurement of emotional sweat**  
 KAHO HAYAKAWA  
 Division of Dental Anesthesiology, Department of Diagnostic and Therapeutic Sciences, Meikai University School of Dentistry
- P-1-12**     **A study of stress-reducing effect of music intervention for outpatients with dental anxiety before IVS in operation room ; A single-blinded RCT**  
 KEIICHIRO WAKANA  
 Hokkaido University Graduate School of Dental Medicine, Department of Dental Anesthesiology
- P-1-13**     **Unrecognized increases in midazolam concentration after intermittent administrations for dental patients under sedation**  
 SAORI TAHARABARU  
 National Hospital Organization Nagoya Medical Center
- P-1-14**     **Examination of the sedation depth according to the use drug in SedLine®**  
 MASAYUKI SUZUKI  
 Department of Anesthesiology Tsurumi University School of Dental Medicine
- P-1-15**     **Analysis of upper airway pressure fluctuation by high sensitivity manometry**  
 YUYA HIRATA  
 Department of Anesthesiology, Osaka Dental University
- P-1-16**     **Prediction of difficult intubation using roentgenographic cephalogram**  
 AYAKA SAITO  
 Department of Dental Anesthesiology, Tokyo Dental College, Tokyo, Japan
- P-1-17**     **Success rates of conventional insertion of LMA-Flexible™ : 2nd report**  
 AKIYOSHI KUJI  
 Division of Pedodontics and Special Care Dentistry, Department of Oral Care and Development, School of Dentistry, Iwate Medical University

- P-1-18 Cephalometric comparison of difficult airway management patients and control in male**  
MINAMI KAWASHIMA  
Departments of Dentistry and Maxillofacial Surgery, Itoh Dento-maxillofacial Hospital
- P-1-19 The relationship between the intubation difficulty and the hyoid bone position by using orthopantomography image**  
KEN TAKAHASHI  
Anesthesiology and Clinical Physiology, Tokyo Medial and Dental University, Tokyo, Japan
- P-1-20 A study on the difference of brightness of light source is influence on the image with CMOS senser video laryngoscope**  
KEN TATENO  
Saitama Medical Univercity Hospital Department of Anesthesiology
- P-1-21 On the distortion of tracheal tube in neck extension after nasotracheal trachea intubation**  
AYAKO TSUJI  
Department of Anesthesiology, Nihon University School of Dentistry at Matsudo
- P-1-22 A study on aggressive early postoperative oral fluid intake in dental ambulatory anesthesia**  
TAKASHI GOTO  
Department of Dental Anesthesiology, Division of Oral Pathogenesis and Disease Control, Asahi University School of Dentistry
- P-1-23 Ambulatory general anesthesia for patients using hydroxyzine hydrochloride**  
KANAE KUDO  
Medical Corporation Miyuki Dentist's Office
- P-1-24 Retrospective investigation about the change of the arterial oxygen saturation during dental implant surgery under the intravenous sedation**  
KIM BARKHWA  
Wakashima Dental Clinic, Japan
- P-1-25 Establishment of the neurological evaluation model during dental treatment**  
KAORU YAMASHITA  
Department of Dental Anesthesiology, Field of Oral Maxillofacial Rehabilitation, Developmental Therapeutics Course, Graduate School of Medical and Dental Sciences, Kagoshima University, Kagoshima, Japan
- P-1-26 Modification of the use of mask for inhalation induction in uncooperative patients (2nd report)**  
TAKEO SUGITA  
Department of Anesthesiology and Dental Anesthesiology, Kanagawa Dental University Yokohama Training Center

- P-1-27 Hemodynamic changes after oral submucosal administration of adrenaline-containing local anesthetics**  
REINA MATTA  
Department of Dental Anesthesiology and Special Care Dentistry, Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Sciences
- P-1-28 Development of prototype device for the measurement of endogenous pain modulatory system**  
KONO RYOKO  
Division of Dental Anesthesiology, Department of Diagnostic and Therapeutic Sciences, Meikai University School of Dentistry
- P-1-29 Ultrasound-guided nerve block for postoperative analgesia after mandibular sequestrectomy, retrospective analysis of patient outcome**  
YUKI KOJIMA  
Asahi General Hospital, Department of Anesthesiology
- P-1-30 Conditioned pain modulation (CPM) and pain catastrophizing scale (PCS) predict post-operative pain after orthognathic surgery**  
KEIKO TAKASHIMA  
Division of Dental Anesthesiology, Department of Diagnostic and Therapeutic Sciences, Meikai University School of Dentistry
- P-1-31 A case of great occipital trigeminal syndrome found during treatment of maxillitis**  
MIYUKI NAKANO  
Kusunoki Hospital
- P-1-32 Dexmedetomidine 2.0 ppm is appropriate for the enhancement effect of local anesthetic action of lidocaine in inferior alveolar nerve block**  
KENTARO OUCHI  
Department of Dental Anesthesiology, Field of Maxillofacial Diagnostic and Surgical Sciences, Faculty of Dental Science, Kyushu University
- P-1-33 Comparison between post implant surgery and post root canal treatment in patient with sensory disorders of the inferior alveolar nerve**  
YUKI KUNIOKU  
Division of Special Needs Dentistry and Orofacial Pain, Department of Oral Health and Clinical Science, Tokyo Dental College
- P-1-34 Clinical features of 7 cases suspected of pre-trigeminal neuralgia**  
YOKO YAMAZAKI  
Orofacial Pain Clinic, Tokyo Medical and Dental University Dental Hospital, Tokyo, Japan

- P-1-35**    **Intravenous sedation for the patients with progressed dementia during dental treatment**  
 YOSHINARI MORIMOTO  
 Department of Critical Care Medicine and Dentistry, Graduate School of Dentistry, Kanagawa Dental University
- P-1-36**    **Retrospective study on deep sedation of dental treatment for patients with intellectual disabilities**  
 KOJI TAKANO  
 Saitama Dental Association Oral Health Center
- P-1-37**    **Role of the nitrous oxide inhalation in the dental practice for the person with a disability**  
 KIRIKO KUROIWA  
 Department of Dental Anesthesiology, Kyushu Dental University
- P-1-38**    **The intravenous sedation (IVS) for special needs patients : The needs of midazolam with and without using sevoflurane at induction of IVS**  
 ATSUYA YOSHIDA  
 Kitakyushu Children's Rehabilitation Hospital
- P-1-39**    **Clinical study of dental treatment under intravenous anesthesia for uncooperative children**  
 YUJI SATOH  
 Medical Corporation Kyoaikai Hospital, Department of Dentistry and Oral Surgery
- P-1-40**    **Current status of dental treatment under intravenous sedation in outpatients with intellectual disabilities**  
 YUKI ODA  
 Hiroshima University Hospital, Special Care Dentistry
- P-1-41**    **Preoperative versus postoperative injection of dexamethasone in lower third molar surgery : a randomized split-mouth clinical trial**  
 KALAYA SITTHISONGKHRAM  
 Mahidol University, Bangkok, Thailand
- P-1-42**    **Drug treatment for pediatric patients in our clinic**  
 MAKOTO MIZUNO  
 Mizuno Dental Clinic
- P-1-43**    **Analysis of postoperative complication by long-duration general anesthesia for the pediatric patients**  
 GAKU KIMURA  
 Department of Dental Anesthesiology, Ohu University School of Dentistry

- P-1-44**     **Statistical survey of general anesthesia cases over the past 14 years at Department of Dentistry for Children, Gunma Children's Medical Center**  
AKIRA OHSHIMA  
Department of Dentistry for Children with Special Needs Gunma Children's Medical Center
- P-1-45**     **Clinico-statistical study of intravenous sedation for dental treatment using dexmedetomidine hydrochloride in combination with midazolam**  
AYA ODA  
Anesthesiology, JA Hiroshima General Hospital, Hiroshima, Japan
- P-1-46**     **Examination of dental treatment under intravenous sedation for the elderly patient**  
MIWA MIYAUCHI  
Hiroshima Oral Health Center
- P-1-47**     **Consideration of a case report about anaphylaxis in the past for 10 years in a Japanese Dental Society of Anesthesiology**  
YASUYUKI TAKAHASHI  
Nippon Dental University Niigata Hospital Dental Anesthesia and Health Management
- P-1-48**     **Usefulness of basophil activation tests for diagnosis of the causative agent of anaphylaxis**  
SHINTARO HAYASHI  
Department of Dental Anesthesiology, Division of Oral Pathogenesis and Disease Control, Asahi University School of Dentistry
- P-1-49**     **A case of anaphylactic shock putatively caused by antibacterial drug during general anesthesia**  
SAKI KASAI  
Showa University Koto Toyosu Hospital Department of Anesthesiology
- P-1-50**     **Ampicillin induced anaphylactic shock after induction of general anesthesia**  
HITOMI TERASAKI  
St. Mary's Hospital Anesthesiology
- P-1-51**     **Dental treatment experience of patient diagnosed with many dental local anesthetic allergy in other hospital**  
MAMI NAKAMURA  
Department of Anesthesiology, Nihon University School of Dentistry at Matsudo
- P-1-52**     **The case that caused the transient cardiac arrest attributable to the trigeminocardiac reflex**  
NANAOKO ITO  
Department of Dental Anesthesiology, Nagasaki University Hospital, Nagasaki, Japan



- P-1-53**     **A suspected case of central vagal nerve stimulation caused by remifentanil hydrochloride**  
MICHIKO YASUDA  
Department of Critical Care Medicine and Dentistry, Kanagawa Dental University
- P-1-54**     **Two cases of hemostatic disturbance after tooth extraction for adults with congenital heart disease**  
SHIHO NAKANISHI  
Itoh Dento-maxillofacial Hospital
- P-1-55**     **General anesthesia experience of the patient reduced ejection fraction**  
SAWAKO NAGAHATA  
Shimonoseki City Hospital
- P-1-56**     **Anesthetic management for upper lip frenectomy in a patient with Fontan circulation**  
MEGURU YAMADA  
Showa University Northern Yokohama Hospital Department of Dental Anesthesia
- P-1-57**     **A case of intravenous sedation in maxillofacial surgery for a patient with left ventricular diastolic dysfunction**  
RYUTARO SAKAI  
Department of Anesthesiology, Kanagawa Dental University Hospital
- P-1-58**     **Successful anesthesia management of an elderly patient with an implantable cardioverter defibrillator for cardiac sarcoidosis**  
RISA AOKI  
Department of Anesthesiology, Kindai University Faculty of Medicine
- P-1-59**     **A case of general anesthesia using IABP for mandibular tumor resection patients complicated with AS and TVD**  
YUMIKO SATOH  
Niigata University Medical and Dental Hospital, Division of Dental Anesthesiology, Niigata, Japan
- P-1-60**     **A case of left subclavian artery stenosis found after general anesthesia for right aortic arch patient**  
HIROSHI OHMIZO  
Department of Dental Anesthesiology, Aizu Chuo Hospital
- P-1-61**     **A case of desensitized gag reflex resulting from the combination of glossopharyngeal nerve block and conscious sedation**  
MEI YOSHIDA  
Department of Science of Physical Functions, Division of Dental Anesthesiology, Kyusyu Dental University
- P-1-62**     **General anesthesia for a patient with uncontrolled diabetes mellitus**  
HITOMI SATOMI  
Department of Anesthesiology, Nihon University School of Dentistry

- P-1-63**      **Changes in anti-factor Xa activity after cessation of apixaban in an anesthesia patient**  
 TSUKIMOTO SHOTA  
 Kindai University Faculty of Medicine Department of Anesthesiology
- P-1-64**      **Perioperative care of the patient who suffered from hemophilia C (factor XI deficiency)**  
 TOSHIHIRO WATANABE  
 Department of Dental Anesthesiology, Nagasaki University Hospital, Nagasaki, Japan
- P-1-65**      **General anesthesia experience for the maxillofacial surgery operation of patients with left subclavian artery obstruction**  
 MASATO TAKAHASHI  
 Department of Anesthesiology, Saitama Medical University Hospital
- P-1-66**      **A case of severe bradycardia induced by Valsalva method for multiple tachyarrhythmia after general anesthesia**  
 MAKO CHIBA  
 Anesthesiology and Clinical Physiology, Graduate School, Tokyo Medical and Dental University
- P-1-67**      **Three cases of cobalamin deficiency leading to diagnosis from glossitis**  
 AIRI HORI  
 Department of Anesthesiology, Nihon University School of Dentistry at Matsudo
- P-1-68**      **Anesthesia for oral surgery with Pallister-Killian syndrome**  
 ASAKO YASUDA  
 Department of Dental Anesthesia, Nippon Dental University Hospital at Tokyo
- P-1-69**      **A case of myasthenia gravis found from masticatory muscle fatigue symptoms**  
 TAKAHIRO SASAKI  
 Department of Anesthesiology, Nihon University School of Dentistry at Matsudo
- P-1-70**      **Seven cases of progressive muscular dystrophy patients with general anesthesia**  
 SAORI OGAWA  
 Department of Dental Anesthesiology, Matsumoto Dental University
- P-1-71**      **Anesthetic management of a patient with renal cell carcinoma undergoing resection of metastasis to the palate**  
 HARUKA SASAKI  
 Division of Dento-oral Anesthesiology, Tohoku University Graduate School of Dentistry
- P-1-72**      **A case of airway obstruction due to jaw displacement and reconstructed flap after mandibular segment resection**  
 AYUMI YAMAMOTO  
 Department of Anaesthesiology, Chiba University School of Medicine

- P-1-73**     **Anesthetic management in a patient with classical type of Ehlers-Danlos syndrome**  
YUKI SHINDO  
Division of Dento-oral Anesthesiology, Tohoku University Graduate School of Dentistry
- P-1-74**     **Emergency general anesthesia experience of intellectually disabled child who performed teeth reduction and fixation**  
SATOSHI BEPPU  
Beppu's Dental Office
- P-1-75**     **An application of TOFcuff® to a patient with myasthenia gravis under general anesthesia**  
MIDORI ISHIDA  
Department of Dental Anesthesiology, Showa University Northern Yokohama Hospital
- P-1-76**     **Dexmedetomidine-ketamine-midazolam sedation of pediatric patient with asplenia syndrome for dental treatment ; A case report**  
TAKAHIRO GOI  
Dental Anesthesia, The Nippon Dental University Hospital
- P-1-77**     **Anesthetic management of a patient with Fanconi anemia**  
SAKI NAGANO  
Department of Anesthesiology, Kinki University School of Medicine
- P-1-78**     **A case of epiglottic cyst discovered during tracheal intubation**  
HANA E OKADA  
Department of Anesthesiology, Nihon University School of Medicine
- P-1-79**     **A case of one day dental treatment for submarine crew with gag reflex using general anesthesia and intravenous sedation**  
MANABU MIKI  
Japan Self Defense Force Hospital Kure
- P-1-80**     **Anesthetic management of a pediatric patient with Opitz trigonocephaly syndrome**  
IZUMI KURODA  
Aichi Gakuin University Department of Anesthesiology School of Dentistry
- P-1-81**     **General anesthesia experience of a patient with Angelman syndrome**  
TORU OSHIKIRI  
Anesthesiology and Resuscitation, The Nippon Dental University Graduate School of Life Dentistry at Niigata
- P-1-82**     **Current situation of perioperative management in cleft lip and palate medical aid surgery in Ethiopia**  
NAOKI TAKAHASHI  
Chiba Cancer Center

- P-1-83**      **Case report of general anesthesia at private dental clinic**  
 HOMARE   KITAHAAMA  
 Dental Anesthesia and Sedation Service
- P-1-84**      **The role of hospital dentistry as the post delivery facility for disability-dental care center**  
 TAKAHIRO   ENDO  
 Kobe City Medical Center West Hospital
- P-1-85**      **A first report : Activity of dental anesthesiologists study groupe CDAC**  
 KENJI   MIYACHI  
 Dental Office Sinjuku NS
- P-1-86**      **The trial of the explanatory materials and protocol for sedation and general anesthesia in our dental office**  
 HIROYA   KAWAMOTO  
 Oriduru Dental Clinic
- P-1-87**      **Dental anesthesia managed extraction cases for patients in cardiovascular hospital waiting cardiovascular surgery**  
 DAISUKE   OHIWA  
 Department of Dental Anesthesiology and Perioperative Mangement, Hinode Makomanai Dental Hospital
- P-1-88**      **Setting up home dental care services led by a City Dental Association**  
 MOTOAKI   INAGAWA  
 Takasaki General Medical Center
- P-1-89**      **Study of the wireless power transmission to the medical equipment using the open ring resonator**  
 KAZUKI   AOKI  
 Faculty of Engineering, Tokushima University
- P-1-90**      **The vulnerability of anesthesia machine**  
 HIROSHI   SEHATA  
 Sehata Dental Clinic
- P-1-91**      **Vital monitoring during intravenous sedation using Checkme Pro®**  
 KEISUKE   TANAKA  
 Tanaka Dental Office
- P-1-92**      **Development of paperChart module for Vital senser S-DV/A&D TM2590**  
 HIKARU   KOHASE  
 Division of Dental Anesthesiology, Department of Diagnostic and Therapeutic Sciences, Meikai University School of Dentistry

- P-1-93**     **A new device to fix a nasal intubation tube and an anesthesia circuit in our institution**  
TATSUKI HOSHINO  
Tokyo Dental College Ichikawa General Hospital
- P-1-94**     **An efficacy of McGRATH® X-blade™ during nasotracheal intubation : A study using an intubation training model under a difficult airway setting**  
KEIKOKU TACHIBANA  
Department of Anesthesiology, Tokyo Dental College Ichikawa General Hospital
- P-1-95**     **The way of making a Trachlight light up without the battery cap**  
SHINJI TOMINAGA  
Section of Anesthesiology, Department of Diagnostics & General Care, Fukuoka Dental College

**Poster Presentation : October 27**

- P-2-1 Propofol-induced modulation of firing frequency depends on spontaneous firing patterns in the cerebral cortex**  
MIE KAJIWARA  
Department of Anesthesiology, Nihon University School of Dentistry
- P-2-2 Effects of aspirin on post-conditioning by sevoflurane in in vivo myocardial ischemia-reperfusion rabbit model**  
KEITA KAGAWA  
Department of Critical Care Medicine and Dentistry, Kanagawa Dental University
- P-2-3 Anesthetic effect of sevoflurane on the mouse somatosensory cortex by flavoprotein fluorescence imaging study**  
MIKI SENOO  
Department of Anesthesiology and Dental Anesthesiology, Kanagawa Dental University Yokohama Training Center, Kanagawa, Japan
- P-2-4 The mechanisms of the mobilization of iron from ferritin by NADPH P-450 reductase**  
KAZUMI TAKAISHI  
Department of Dental Anesthesiology, Tokushima University Hospital
- P-2-5 Examination of propofol concentration measurement method using high performance liquid chromatography**  
MAI NAKANO  
Department of Dental Anesthesiology and Special Care Dentistry, Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Sciences
- P-2-6 Changes in oral tissue blood flow and oral tissue oxygen tension during remifentanyl infusion under sevoflurane or desflurane anesthesia**  
AYAKA KOBAYASHI  
Tokyo Dental College Department of Dental Anesthesiology
- P-2-7 Multicenter study on the polymorphisms of the cytokines in temporomandibular joint disorders**  
KAORU KANAZAWA  
Division of Dental Anesthesiology, Department of Human Biology and Pathophysiology, School of Dentistry, Health Sciences University of Hokkaido
- P-2-8 Investigation of dental treatment under intravenous sedation for non-cooperative children**  
IBUKI MATSUKAWA  
Department of Science of Physical Functions, Division of Dental Anesthesiology, Kyushu Dental University

- P-2-9**      **Assessing wakefulness after intravenous sedation using a gaze-tracking system**  
 KENICHIRO SHINOHARA  
 Department of Dental Anesthesiology, School of Dentistry, Nippon Dental University at Tokyo
- P-2-10**      **Subglottic saline irrigation could reduce the counts of bacterial contamination in patients with oral surgery**  
 YUKI CHOGYOJI  
 Kyushu Dental University Hospital Division of Anesthesiology
- P-2-11**      **Second derivative plethysmogram change after stellate ganglion block**  
 MASATOSHI SUZUKI  
 Department of Anesthesiology Nihon University School of Dentistry at Matsudo
- P-2-12**      **Usefulness of HES130 in prolonged operative procedures of oral surgery : Influence of HES130 on postoperative renal function**  
 AIRI SAKAMIZU  
 Department of Oral and Maxillofacial Surgery, Dokkyo Medical University School of Medicine
- P-2-13**      **Usefulness of HES130 in prolonged operative procedures of oral surgery : Alteration of perioperative fluid balance by HES130**  
 ERIKA YAGUCHI  
 Department of Oral and Maxillofacial Surgery, Dokkyo Medical University School of Medicine
- P-2-14**      **Cardiac function evaluation using cardiac echocardiography related to local anesthesia : A comparative study of smoker versus non-smoker**  
 KEIKO FUJII-ABE  
 Department of Dental Anesthesiology, School of Dental Medicine, Tsurumi University
- P-2-15**      **Effect of dexmedetomidine sedation on the swallowing reflex**  
 TAKURO SANUKI  
 Division of Clinical Physiology, Nagasaki University Graduate School of Biomedical Sciences
- P-2-16**      **Circulatory dynamics after local anesthesia : Effect of intravenous sedation**  
 TOSHIHIDE SATO  
 Department of Anesthesiology Nihon University School of Dentistry at Matsudo
- P-2-17**      **Hemodynamic changes during general anesthesia with remifentanyl for oral and maxillofacial surgery**  
 HIDENORI YAMAGUCHI  
 Department of Anesthesiology, Nihon University School of Dentistry at Matsudo
- P-2-18**      **Vasopressin prolongs the localization time of lidocaine**  
 NAOKO MURATA  
 Department of Dental Anesthesiology, The Nippon Dental University School of Life Dentistry at Tokyo

- P-2-19**      **Effects of vasopressin on local anesthetic action**  
KEIKO KATAGIRI  
Department of Dental Anesthesiology, The Nippon Dental University School of Life Dentistry at Tokyo
- P-2-20**      **Effects of Vasopressin on the anesthetic effect and hemodynamics of lidocaine**  
SHOKO FUJIMORI  
Department of Dental Anesthesiology, The Nippon Dental University School of Life Dentistry at Tokyo
- P-2-21**      **The effect of dexamethasone on postoperative vomiting after dental treatment of children under general anesthesia**  
SHOICHI HONMA  
Department of Dental Anesthesiology and Perioperative Management, Hinode Makomanai Dental Hospital
- P-2-22**      **Observation of the vertebral artery in the sixth cervical spine using a linear probe and a microconvex probe**  
MADOKA SUZUKI  
Department of Oral and Maxillofacial Radiology, Department of Dental Anesthesiology, The Nippon Dental University School of Life Dentistry at Tokyo
- P-2-23**      **Effect of stellate ganglion block on right inferior alveolar nerve injury and left lingual nerve injury following bilateral teeth extraction**  
KENZO MIZUMA  
Department of Anesthesiology, School of Medicine, Iwate Medical University
- P-2-24**      **A case of neuropathic pain disappearing temporarily in the maxillary region after the resection of tongue cancer**  
SAYAKA NISHIOKA  
Division of Special Needs Dentistry and Orofacial Pain, Department of Oral Health and Clinical Science, Tokyo Dental College
- P-2-25**      **A case of atypical trigeminal neuralgia who took two years to diagnose**  
MARI AKAGI  
Division of Special Needs Dentistry and Orofacial Pain, Department of Oral Health and Clinical Science, Tokyo Dental College
- P-2-26**      **Evaluation of the inferior alveolar nerve in three patients with sensory disorders after root canal treatment by magnetic resonance neurography**  
EISUKE KATOU  
Division of Special Needs Dentistry and Orofacial Pain, Department of Oral Health and Clinical Science



- P-2-27**      **Efficacy of ketamine in patients with perioperative management due to opioid tolerance**  
 ERIKA TATSUTA  
 Department of Dental Anesthesiology, Nagasaki University Graduate School of Biomedical Sciences, Nagasaki, Japan
- P-2-28**      **A case of Kampo medicines effective for glossodynia with short disease duration**  
 RYOZO SENDO  
 Department of Dental Anesthesiology, Graduate School of Medical and Dental Sciences, Kagoshima University
- P-2-29**      **A case of unexpected difficult intubation for which new tracheal intubation method using video laryngoscope was useful**  
 YOSHIYUKI ISHIDA  
 Department of Dental Anesthesiology and Perioperative Management, Hinode Makomanai Dental Hospital
- P-2-30**      **A case report : Effective use of McGRATH® X-blade™ in a difficult airway with disturbance of mouth opening**  
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- P-2-31**      **Use of McGRATH MAC X blade in patient with Pierre Robin syndrome : A case report**  
 REINA OKADA  
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- P-2-32**      **Management of the difficult airway for general anesthesia in descending necrotizing mediastinitis**  
 MAI YAMANE  
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- P-2-33**      **General anesthesia experience of the case where intubation difficulty is predicted after submandibular resection**  
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- P-2-34**      **A case of difficult endotracheal intubation for a patient with severe cervical kyphosis**  
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- P-2-35**      **Preoperative evaluation of upper airway and nasal tract for intubation in a patient with Marshall syndrome undergoing to general anesthesia**  
 RISA KAJIWARA  
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- P-2-36**     **Retrospective analysis of accidental cases which required in hospital emergency medical system at Niigata University Hospital**  
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- P-2-37**     **Emergency surgery cases managed in Nagasaki University Hospital**  
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HIKARU MORIYAMA  
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AKIHIRO KUROZUMI  
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- P-2-40**     **Trends of premedication and induction of general anesthesia for the disabled in our hospital (1985-2018)**  
AKIO UDA  
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MUSASHI SAWADA  
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- P-2-43**     **A case of bilateral parotid gland swelling after propofol sedation**  
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SAKI OKABE  
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Department of Dental Anesthesiology Faculty of Dental Medicine Hokkaido University
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ASAMI DOMAN  
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 KAZUHIRO KANEDA  
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 SHIZUKA ANDO  
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 MAYUMI HASHIMOTO  
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- P-2-73**      **Failure of operating room oxygen delivery due to a packing deterioration**  
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- P-2-77**     **An investigation of an interview for the resident finished residency**  
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 MIKI ARAI  
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 YUMI OSUGI  
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NANAOKO SEKI  
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YUKA MAEDA  
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ERI OKINO  
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