

Dentsply Sirona Award candidate

- D1-1 Lidocaine hydrochloride hydrate inhibits reactive oxygen species**
HIDETAKA KURODA
Department of Dental Anesthesiology, Kanagawa Dental University, Kanagawa, Japan
- D1-2 Three-dimensional study of peripheral nerve regeneration of adipose tissue-derived stem cell extract using a neuron tracer**
YUHEI KOYAMA
Department of Dental Anesthesia, Niigata University Medical & Dental Hospital, Niigata, Japan
- D1-3 Circadian rhythms of PER2::LUC expression in the trigeminal ganglion**
YUKIE SHIRAKAWA
Department of Dental Anesthesiology, Field of Oral Maxillofacial Rehabilitation, Advanced Therapeutics Course, Graduate School of Medical and Dental Sciences, Kagoshima University, Kagoshima, Japan
- D1-4 Gliotransmitter-mediated Ca²⁺ response and its modulation by neurotrophic factors in astrocytes**
KENJI GOH
Health Sciences University of Hokkaido, Hokkaido, Japan
- D1-5 Involvement of dopaminergic and serotonergic neurons in the area postrema of rats in nausea and vomiting induced by intravenous anesthetics : Behavioral and brain microdialysis studies**
UTAKA SASAKI
Section of Dental Anesthesiology, Department of Oral & Maxillofacial Surgery and Oral Medicine, Hiroshima University Hospital, Hiroshima, Japan
- D1-6 Long-lasting mechanical allodynia and spinal microglial activation in a mouse model of autism spectrum disorder**
EIJI IMADO
Department of Cellular and Molecular Pharmacology, Graduate School of Biomedical and Health Sciences, Hiroshima University, Hiroshima, Japan
- D2-1 The mechanisms for generation and modulation of referred sensation in orofacial region**
TEPPEI SAGO
Department of Dental Anesthesiology, Kyushu Dental University, Fukuoka Japan
- D2-2 Usefulness of continuous low-dose fentanyl in combination with dexmedetomidine and midazolam for intravenous sedation : A randomised controlled trial**
YOKO OKUMURA
Department of Anesthesiology, School of Dentistry, Aichi Gakuin University, Nagoya, Japan

- D2-3 Identification of risk factor for postoperative nausea and vomiting in adults by artificial intelligence analysis**
HIROSHI HOSHIJIMA
Division of Dento-oral Anesthesiology, Tohoku University Graduate School of Dentistry, Sendai, Japan
- D2-4 The patterns of mental sweating predict inhibition of anterograde amnesia?**
SAORI TAKAGI
Division of Dental Anesthesiology, Department of Diagnostic and Therapeutic Sciences, Meikai University School of Dentistry, Saitama, Japan
- D2-5 Comparative study of cardiac electrophysiology with remimazolam and propofol**
SHOTA TSUKIMOTO
Kindai University Faculty of Medicine Department of Anesthesiology, Osaka, Japan
- D2-6 The state anxiety inventory is useful for predicting the autonomic nervous activity of patients before the extraction of an impacted mandibular third molar**
KAORU YAMASHITA
Department of Dental Anesthesiology, Field of Oral and Maxillofacial Rehabilitation, Advanced Therapeutics Course, Graduate School of Medical and Dental Sciences, Kagoshima University, Kagoshima, Japan

Oral Presentation

- O1-1 Novel approach of trigeminal nerve block via a catheter provides peri- and post-operative analgesia**
YUKI KOJIMA
Asahi General Hospital, Chiba, Japan
- O1-2 Effect of remimazolam and propofol anesthesia on autonomic nervous activity during orthognathic surgery**
YUTO TSUJI
Tokyo Dental College, Tokyo, Japan
- O1-3 Age-related effects of three inhalational anesthetics at one minimum alveolar concentration on electroencephalogram waveform**
SHIORI TAURA
Graduate School of Dental Science, Kyushu University, Fukuoka, Japan
- O1-4 Buccal nerve trunk block anesthetizes the buccal mucosa beyond the papilla of the parotid duct**
TAKAYUKI KOYATA
Dental Anesthesia, The Nippon Dental University Hospital at Tokyo, Tokyo, Japan
- O1-5 Association of phantom tooth pain with the *CACNA1C* gene rs216009 single-nucleotide polymorphism**
MASAKO MORII
Department of Dental Anesthesiology, Tokyo Dental College, Tokyo, Japan
- O2-1 Ultrasound-guided inferior alveolar nerve block for extraction of wisdom tooth**
DAISUKE OHIWA
Department of Dental Anesthesiology and Perioperative Management, Hinode Makomanai Dental Hospital, Sapporo, Japan
- O2-2 Modified dental anxiety scale is useful for evaluation of autonomic imbalance before dental treatment**
SHUSEI YOSHIMINE
Department of Dental Anesthesiology, Field of Oral and Maxillofacial Rehabilitation, Advanced Therapeutics Course, Graduate School of Medical and Dental Sciences, Kagoshima University, Kagoshima, Japan
- O2-3 Basic research on the sensory evoked potential of the trigeminal nerve**
YUTAKA TANAKA
Department of Dental Anesthesiology, Niigata University Medical and Dental Hospital, Niigata, Japan

- O2-4 Non-invasive assessment of trigeminal nerve damage using cluster analysis of multi-b value diffusion-weighted images**
EISUKE KATO
Division of Special Needs Dentistry and Orofacial Pain, Department of Oral Health and Clinical Science, Tokyo Dental College, Tokyo, Japan
- O2-5 Sensory sensitivity in daily life is independently related to dental anxiety**
MIKA OGAWA
Section of Anesthesiology, Department of Diagnostics and General Care, Fukuoka Dental College, Fukuoka, Japan
- O3-1 Effects of remimazolam anesthesia with and without remifentanil on oral tissue blood flow and oxygen tension**
KOHEI SHIMAZU
Department of Dental Anesthesiology, Tokyo Dental College, Tokyo, Japan
- O3-2 Mechanism of exacerbation of pneumonia by oral commensals in HOMA (human oral microbiota-associated) mouse model**
MANAMI HAYASHI
Department of Perioperative Medicine, Division of Anesthesiology, Showa University School of Dentistry, Tokyo, Japan
- O3-3 Effect of sevoflurane on the mouse somatosensory cortex using flavoprotein fluorescence imaging**
MIKI SENOO
Department of Anesthesiology, Yokohama Center, Kanagawa Dental University, Yokohama, Japan
- O3-4 Visualization of lung vascular glycocalyx in septic mice by using alcian blue staining ver. 2**
MONE WAKATSUKI
Department of Perioperative Medicine, Division of Anesthesiology, Showa University School of Dentistry, Tokyo, Japan
- O4-1 3M Microfoam™ Surgical Tape prevents nasal pressure injury associated with nasotracheal intubation. A randomized double blind trial**
MAYUMI HASHIMOTO
Department of Anesthesiology School of Dentistry, Aichi Gakuin University, Nagoya, Japan
- O4-2 Development of IANB devices that can be safely and reliably enforced by anyone**
TOMOYASU NOGUCHI
Division of Special Needs Dentistry and Orofacial Pain, Department of Oral Health and Clinical Science, Tokyo Dental College, Tokyo, Japan

O4-3 Improvement of misaligned airway sealing of laryngeal mask for dental treatment by packing

ERIKA MATSUNO

Showa University School of Dentistry, Department of Perioperative Medicine, Division of Anesthesiology, Tokyo, Japan

O4-4 An example of the effect of water injection on gastric contents during dental treatment observed using ultrasonic echography~A case of prolonged general anesthesia~

RYO ATSUTA

Department of Dental Anesthesiology and Perioperative Management, Hinode Makomanai Dental Hospital, Sapporo, Japan

O4-5 Safety of COVID-19 vaccinations by dentists in Japan

KEITA KAGAWA

Department of Dental Anesthesiology, Kanagawa Dental University, Kanagawa, Japan

Poster Presentation

- P1-1-1 A case of general anesthesia of dental treatment for a patient with schizophrenia using clozaril**
MACHIKO FUJIMOTO
Osaka General Medical Center, Osaka, Japan
- P1-1-2 Examination of the effect of ondansetron on the prevention of nausea and vomiting after orthognathic surgery**
YUNA KANG
Department of Dental Anesthesiology, Tokyo Dental College, Tokyo, Japan
- P1-1-3 The effect of remimazolam on perioperative hemodynamic management**
YOKO SASAKI
Department of Anesthesiology, Saitama International Medical Center, Saitama Medical University, Saitama, Japan
- P1-1-4 Recovery of psychomotor functions in day-case general anesthesia with remimazolam**
MARIKO SUZUKI
Department of Dental Anesthesiology, Tokyo Dental College, Tokyo, Japan
- P1-1-5 Perioperative management of an elderly mentally retarded patient with a preoperative diagnosis of tuberculosis**
FUMIHITO SUZUKI
Dentistry, National Hospital Organization Akita Hospital Akita Medical Center for Neurological Intractable Diseases, Akita, Japan
- P1-2-1 Retrospective investigation about the hemodynamics change during dental implant surgery under the dexmedetomidine intravenous sedation**
HIROKAZU NAKAMURA
Wakashima Dental Clinic, Saitama, Japan
- P1-2-2 Effect of aromatherapy on the gag reflex during dental procedures**
AYUKO OKAMOTO
School of Dentistry, The Nippon Dental University, Tokyo, Japan
- P1-2-3 Usefulness of intravenous sedation with initial loading of dexmedetomidine followed by continuous propofol for prevention of delayed recovery**
HIKARU NAKAGAWA
School of Dentistry Osaka University, Osaka, Japan
- P1-2-4 A case report of a child dental patient with intellectual disability whose Rohr index 209 before, current obese index 80.8%, managed with intravenous sedation**
HIDEKI MAMIYA
Fujisawa Dental Association, Kanagawa, Japan

- P1-3-1 Effect of C6SGB on second derivative of photoplethysmography**
MICHIHARU SHIMOSAKA
Anesthesiology, Nihon University School of Dentistry at Matsudo, Chiba, Japan
- P1-3-2 Acute pain service in the oral and maxillofacial surgery**
YUKA OONO
Division of Dental Anesthesiology, Department of Diagnostic and Therapeutic Sciences, Meikai University School of Dentistry, Saitama, Japan
- P1-3-3 A case of temporomandibular joint disorder diagnosed by trigger point injection, although symptomatic trigeminal neuralgia was initially suspected**
KENZO MIZUMA
Department of Anesthesiology, Affiliated Hospital, Iwate Medical University, Morioka, Japan
- P1-3-4 A case of calcium hydroxide preparation straying into mandibular canal, causing nerve damage and treated with stellate ganglion block**
NAOKI ISHIKAWA
Division of Dental Anesthesiology, Department of Reconstructive Oral and Maxillofacial Surgery, School of Dentistry, Iwate Medical University, Morioka, Japan
- P1-3-5 A case of osteomyelitis of the jaw to require differentially diagnosing trigeminal neuralgia**
YOSHIHISA WATANABE
Department of Dentistry, Kurashiki Central Hospital, Okayama, Japan
- P1-3-6 Difficult to diagnose palatal shingles**
ICHIRO SUWA
Suwa Dental Office, Yamaguchi, Japan
- P1-4-1 Changes in autonomic nervous activity, hemodynamics, and psychological state during the perioperative period of pediatric patients**
AKARI UTO
Department of Dental Anesthesiology, Field of Oral and Maxillofacial Rehabilitation, Advanced Therapeutics Course, Graduate School of Medical and Dental Sciences, Kagoshima University, Kagoshima, Japan
- P1-4-2 Observation of peripheral circulatory status by passive leg raising using PI**
RIKA YOSHIZAKI
Department of Anesthesiology, Nihon University School of Dentistry at Matsudo, Chiba, Japan
- P1-4-3 Estimation of the risk of postoperative hypertension following minor to moderate surgery using an echocardiogram and biomarkers and biomarkers**
RUMI SHIDOU
Department of Dental Anesthesiology, Kagoshima University Graduate School of Medical and Dental Sciences, Kagoshima, Japan

- P1-4-4 Investigation of cuff pressure and capacity of tracheal tubes**
TAKUYA UCHIDA
Department of Anesthesiology, Osaka Dental University, Osaka, Japan
- P1-4-5 Does propofol reduce salivary secretion?**
RINA SATO
School of Dentistry, Ohu University, Fukushima, Japan
- P1-4-6 Incidence and case studies of postoperative hoarseness following nasal intubation**
DAISUKE KIKUCHI
Department of Perioperative Medicine, Division of Anesthesiology, Showa University School of Dentistry, Tokyo, Japan
- P1-5-1 Usefulness of ultrasound-guided peripheral intravenous catheter placement with infants (cleft lip and palate)**
MITSUHARU INO
Department of Anesthesiology, Toyohashi Municipal Hospital, Aichi, Japan
- P1-5-2 The effect of a direction of nasotracheal tube bevel on the epistaxis during nasal intubation : a prospective randomized controlled trial**
TAKUYA FUNAYAMA
Kashiwa Municipal Medical Treatment Center Special Dentistry Clinic, Chiba, Japan
- P1-5-3 Effective monitoring of end-tidal carbon dioxide tension in intravenous sedation**
MAMI ASAI
Department of Anesthesiology School of Dentistry, Aichi Gakuin University, Nagoya, Japan
- P1-5-4 Efficacy of the oxygen reserve index (ORI) of during recovery from general anesthesia**
AYAKO TSUJI
Department of Anesthesiology, Nihon University School of Dentistry at Matsudo, Chiba, Japan
- P1-5-5 Delayed extubation caused by misinterpretation of neuromuscular monitoring : A case report**
SAYAKA ASANO
Tokyo Metropolitan Tama Medical Center, Department of Anesthesiology, Tokyo, Japan
- P1-6-1 Anesthetic management of a patient with Bardet-Biedl syndrome**
MIKI YOSHIDA
Otowa Hospital, Kyoto, Japan
- P1-6-2 Dental treatment under general anesthesia performed for a patient with Sotos syndrome**
YOSHINAO ASAHI
Department of Dentistry, Morinomiya Hospital, Osaka, Japan

- P1-6-3** **General anesthetic management of a case of Gilbert's syndrome for oral surgery**
OSAMU SASAJIMA
Department of Dental Anesthesiology, Tokushima University Hospital, Tokushima, Japan
- P1-6-4** **General anesthesia management of teeth extraction in a remote postoperative Fontan patient with significant organ congestion**
YUKIFUMI KIMURA
Department of Dental Anesthesiology, Faculty of Dental Medicine and Graduate School of Dental Medicine, Hokkaido University, Sapporo, Japan
- P1-6-5** **A case dental treatment under general anesthesia for a patient with Dravet syndrome**
CHIKAKO NAKANISHI
Komatsu Hospital, Osaka, Japan
- P1-7-1** **General anethesia for a patiant with growth hormone deficiency**
EIKA ANDOU
Kyushu Dental Univercity, Fukuoka, Japan
- P1-7-2** **A case report of general anesthesia in a patient with congenital cervical fusion**
SAYA TAKAYAMA
Kyushu Dental University Hospital, Fukuoka, Japan
- P1-7-3** **General anesthesia management of patient with chronic pericardial effusions**
SACHI OHNO
Department of Dental Anethesiology, Kagoshima University, Kagoshima, Japan
- P1-7-4** **Anesthetic management of a autism spectrum disorder patient with blood sugar controlled by continuous subcutaneous insulin infusion and continuous glucose monitoring**
TOMOYUKI MIYATA
Dental Anesthesia, The Nippon Dental University Hospital, Tokyo, Japan
- P1-7-5** **Experience of anesthesia for a schizophrenia patient with dysphagia who needs dental treatments**
SHOKO TAKAHARA
Kobe City Medical Center West Hospital, Kobe, Japan
- P1-7-6** **A case of dental treatment under general anesthesia for a child with multiple allergies**
MARI OONAKA
Department of Dental Anesthesiology, Nagasaki University Hospital, Nagasaki, Japan
- P1-8-1** **A case of tachypnea that hyperventilation-like seizures during dental treatment under intravenus sedation considered to be caused by central chemoreception from carbon dioxide accumulation**
TOSHIKO YANASE
Department of Anesthesiology, Osaka Dental University, Osaka, Japan

- P1-8-2 A case of intravenous sedation with remimazolam for implant surgery**
 KANA OUE
 Section of Dental Anesthesiology, Department of Oral and Maxillofacial Surgery and Oral Medicine, Hiroshima University Hospital, Hiroshima, Japan
- P1-8-3 A case of difficulty in inhalation sedation of during dental treatment at a practicing dental clinic**
 TETSUYA NAGOH
 Ishikawa Oral Health Medical Center, Kanazawa, Japan
- P1-8-4 Nitrous oxide inhalation sedation in a patient with sick sinus syndrome and a history of cardiac arrest was useful**
 AKIO UDA
 Department of Anesthesiology, Nihon University School of Dentistry at Matsudo, Chiba, Japan
- P1-8-5 The difficult airway management under deep sedation for dental treatment of an autism disorder spectrum patient**
 AKIYOSHI KUJI
 Division of Pedodontics and Special Care Dentistry, Department of Oral Care and Development, School of Dentistry, Iwate Medical University, Morioka, Japan
- P1-9-1 A case of suspected vasospastic angina with ST segment depression during tooth extraction under intravenous sedation**
 MIYOKO YUTOKU
 Department of Dental Anesthesiology, Field of Oral and Maxillofacial Rehabilitation, Advanced Therapeutics Course, Graduate School of Medical and Dental Sciences, Kagoshima University, Kagoshima, Japan
- P1-9-2 Successful monitored anesthesia care based on processed EEG monitoring for an ever-unsatisfied patient compromised with refractory cardiac events**
 TAKAYUKI TANAKA
 Showa University, Toyosu Hospital, Dental Anesthesiology, Tokyo, Japan
- P1-9-3 The case that performed the sedation method in the vein to the patient whom a cognitive function decreased, and had a hard time for management after the operation**
 JUNPEI KUDO
 The Nippon Dental University Graduate School of Life Dentistry at Niigata Department of Internal Medicine, Niigata, Japan
- P1-9-4 Assessment of sedation level by using SedLine®. for a special needs case with Fontan circulation and intractable gagging reflex**
 RIKO UMEMOTO
 Showa University Hospital, Anesthesiology, Tokyo, Japan

- P1-10-1 A case of general management of a patient with suspected hereditary angioedema**
 TORU OSHIKIRI
 Department of Dental Anesthesiology, The Nippon Dental University, School of Life Dentistry at Niigata, Niigata Japan
- P1-10-2 A case of severe bradycardia during intranasal operation**
 YOSHINARI NISHIKAWA
 Omi Medical Center, Nagano, Japan
- P1-10-3 Perioperative management of a patient with long QT syndrome undergoing two orthognathic surgeries**
 WAKANA FUJITAKA
 Departments of Dentistry and Maxillofacial Surgery, Itoh Dento-Maxillofacial Hospital, Kumamoto, Japan
- P1-10-4 A case of non-invasive continuous estimated cardiac output for tooth extraction in a patient with Down's syndrome with heart disease**
 MIKI YOKOYAMA
 School of Dentistry, Tokyo Medical Dental University, Tokyo, Japan
- P1-11-1 Hemimandibulectomy after laryngeal edema was found and surgical tracheostomy was performed : Case report**
 TAKAHIRO SASAKI
 Department of Anesthesiology Nihon University School of Dentistry at Matsudo, Chiba, Japan
- P1-11-2 A case of tracheobronchial branching anomalies**
 EMI SAWADA
 Division of Dental Anesthesiology, Graduate School of Medicine and Dental Sciences, Niigata University
- P1-11-3 Effective choanal hemostasis using a nasal endotracheal tube**
 YASUHIKO SAKATA
 Division of Dental Anesthesiology, Department of Diagnostic and Therapeutic Sciences, Meikai University School of Dentistry, Saitama, Japan
- P1-11-4 A case of difficult ventilation secondary to nasotracheal tube obstruction after nasotracheal intubation in a patient with severe nasal cavity stenosis**
 ARISA FUJITA
 Department of Anesthesiology, Nagoya University Hospital, Nagoya, Japan
- P1-11-5 A case report : difficult insertion of endotracheal tube beyond the vocal code suggested narrowing of trachea**
 TOMOAKI UJITA
 Division of Dental Anesthesiology, Graduate School of Medicine and Dental Sciences, Niigata University, Niigata, Japan

- P1-11-6** **Difficult tracheal intubation in a patient with neck contracture and scoliosis by hypoxic ischemic encephalopathy and congenital muscular dystrophy : A case report**
HITOMI TERASAKI
Department of Anesthesia, St. Mary's Hospital, Fukuoka, Japan
- P1-12-1** **A case of psychogenic non-epileptic seizures (PNES) by dissociative disorder after restlessness when awakening from general anesthesia**
TAKAHIRO UENO
Anesthesiology and Department of Dental Anesthesiology Asahi University Hospital, Gifu, Japan
- P1-12-2** **A case of incidental postoperative intensive care management due to airway stenosis after extubation**
YUHEI UBUKATA
Department of Dental Anesthesiology, Showa University Northern Yokohama Hospital, Yokohama, Japan
- P1-12-3** **A case of rocuronium-induced anaphylaxis at the introduction of general anesthesia, skin test showed crossover resistance to muscle relaxants, and tooth extraction was performed under local anesthesia**
AYUMI YAMAMOTO
Division of Oral Maxillofacial Surgery, Chiba Medical Center, Chiba, Japan
- P1-12-4** **A case of deep vein thrombosis in patient after oral cancer resection and reconstruction**
HIROYUKI INOUE
Anesthesiology, National Center for Global Health and Medicine, Tokyo, Japan
- P1-12-5** **A case of sensorimotor dysfunction due to possible brachial plexus damage after orthognathic surgery**
KANAKO YAJIMA
Department of Dental Anesthesiology, Tokyo Dental College, Tokyo, Japan
- P1-12-6** **Lidocaine with epinephrine-induced multiple arrhythmias during general anesthesia : a case report**
KEISUKE KANEKO
Department of Anesthesiology, School of Dentistry, Nihon University, Tokyo, Japan
- P1-13-1** **A case of surgical termination due to anisocoria after induction of general anesthesia**
ERIKA HARADA
Department of Anesthesiology, Aichi Gakuin University School of Dentistry, Nagoya, Japan
- P1-13-2** **A case of consciousness/respiratory disorder due to dissociative disorder in the ward after general anesthesia**
TAKUMI NAGUMO
Department of Anesthesiology, Saitama Medical University, Saitama, Japan

- P1-13-3 A case of transient quadriplegia after tooth extraction under general anesthesia**
 AYAKA KAMETANI
 Department of Dental Anesthesiology, Kyushu Dental University Hospital, Fukuoka, Japan
- P1-13-4 A case of atelectasis in an uncooperative pediatric patient under ambulatory anesthesia for dental treatment**
 CHIKAKO OWADA
 Dental Anesthesia, The Nippon Dental University Hospital, Tokyo, Japan
- P1-13-5 Seven cases of extensive subcutaneous emphysema following extraction of impacted teeth under general anesthesia**
 KAZUHIRO HANO
 Department of Dental Anesthesiology, Faculty of Dental Science, Kyushu University, Fukuoka, Japan
- P1-14-1 A case of partial maxillectomy required nasal tracheal tube exchange due to tube damage during surgery**
 NOBUTAKA MATSUURA
 Department of Dental Anesthesiology, Tokyo Dental College, Tokyo, Japan
- P1-14-2 A case of nasal feeding tube damage during maxillo-mandibular osteotomy**
 AKIRA UKAI
 Department of Oral and Maxillofacial Surgery, Division of Oral Pathogenesis and Disease Control, Asahi University, Gifu, Japan
- P1-14-3 A case of hoarseness with injury of vocal fold caused by tracheal intubation using the videolaryngoscope and gum-elastic bougie**
 SHINNOSUKE ANDO
 Division of Dental Anesthesiology, Department of Diagnostic and Therapeutic Sciences, Meikai University School of Dentistry, Saitama, Japan
- P1-14-4 A case in which basophil activation test does not work to identify the causative agent of anaphylactic reactions at the induction of anesthesia**
 NOBUTAKA MATSUURA
 Department of Dental Anesthesiology, Tokyo Dental College, Tokyo, Japan
- P1-14-5 A case of abnormal hypertension after stellate ganglion block**
 MASAOKO NOZUE
 Tokyo Dental College, Tokyo, Japan
- P1-15-1 A case of a medically compromised elderly patient suspected of developing methemoglobinemia due to propitokine hydrochloride**
 SAYAKA KOBAYASHI
 Health Information Management Section, The Nippon Dental University, Tokyo, Japan

- P1-15-2 A case of drug-induced lung injury probably due to hangeshashinto**
AKIKO KAWASE
Department of Dentistry, Kurashiki Central Hospital, Okayama, Japan
- P1-15-3 Suspected sugammadex-induced hypersensitivity reactions**
MIHO TSUJIUCHI
Department of Anesthesiology, Nihon University School of Dentistry, Tokyo, Japan
- P1-15-4 Anesthetic management of a case of hyperventilation syndrome with sedatives-resistant for oral surgery**
SHIGEKI FUJIWARA
Department of Dental Anesthesiology, Tokushima University, Tokushima, Japan
- P1-15-5 A case of emergency transport due to dyspnea and convulsions after intravenous sedation with propofol**
MASATOSHI SUZUKI
- P1-16-1** (Withdraw)
- P1-16-2 Through which isoforms do HCN channel blockers exhibit anti-inflammatory effects?**
SAKI MIYAKE
Department of Dental Anesthesiology and Special Care Dentistry, Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Sciences, Okayama, Japan
- P1-16-3 The increase of dopamine D2 receptor in the trigeminal spinal subnucleus caudalis following infraorbital nerve ligation and its reduction by anti-calcitonin gene-related peptide antibody**
HIROHARU MAEGAWA
Department of Dental Anesthesiology, Osaka University Graduate School of Dentistry, Osaka, Japan
- P1-16-4 Comparison of medullary microglial activation areas and pain fiber projection areas after nerve injury**
KEISUKE UEDA
Department of Dental Anesthesiology, School of Dentistry, Matsumoto Dental University, Nagano, Japan
- P1-16-5 Effects of reperfusion after transient cerebral infarction on the regeneration of central nervous system**
KEITA YOSHIDA
Department of Anesthesiology, Osaka Dental University, Osaka, Japan
- P1-17-1 Search of the possibility that mitochondrial activated medicine becomes the perioperative brain protection**
NANAE TAKAHASHI
Tokyo Nederal University Hachioji Medical Center, Tokyo, Japan

- P1-17-2** **Kamishoyosan and Kamikihito rescue the decreased KCC2 expression by the *P. gingivalis* LPS via up-regulating mitochondrial function**
YUKIKO OOHARA
Department of Dental Anesthesiology, Field of and Maxillofacial Rehabilitation, Advanced Therapeutics Course, Graduate School of Medical and Dental Sciences, Kagoshima University, Kagoshima, Japan
- P1-17-3** **The expression and immunological responsiveness of tryptophanyl tRNA synthetase from *Staphylococcus aureus* infected human alveolar epithelial cells**
SHU SATO
School of Dentistry, Iwate Medical University, Morioka, Japan
- P1-17-4** **Lidocaine/capsaicin-encapsulated lactic acid glycolic acid copolymer microparticles as a sensory nerve-specific local anesthetic delivery system**
SAKI OKABE
Department of Dental Anesthesiology and Orofacial Pain Management, Tokyo Medical and Dental University, Tokyo, Japan
- P1-17-5** **Development of propofol-encapsulated liposome**
HITOMI UJITA
Department of Dental Anesthesiology and Special Care Dentistry, Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Sciences, Okayama, Japan
- P1-18-1** **SARS-CoV-2 recombinant proteins-induced taste buds degeneration in rat circumvallate papillae**
TORU YAMAMOTO
Division of Dental Anesthesiology, Graduate School of Medicine and Dental Sciences, Niigata University, Niigata, Japan
- P1-18-2** **Effects of midazolam on mouse-derived macrophage-like cells**
HIROKO HARIGAYA
School of Dentistry, Tsurumi University, Yokohama, Japan
- P1-18-3** **3-iodothyronamine, a trace amine-associated receptor (TAAR) agonist, may act on receptors other than TAAR in rat cerebral arterioles**
WAKANA SAKANOUE
Division of Dental Anesthesiology, Department of Reconstructive Oral and Maxillofacial Surgery, School of Dentistry, Iwate Medical University, Morioka, Japan
- P1-18-4** (Withdraw)

- P1-18-5 Development of hydrogen-containing bubble solution and its effects on cultured mouse cells : the second report**
MIDORI HAMAOKA
Department of Dental Anesthesiology and Special Care Dentistry, Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Sciences, Okayama, Japan
- P2-1-1 A case of general anesthesia during dental treatment in a patient with Hirayama disease**
FUMIKA OGATA
Department of Anesthesia, Saitama Medical University Hospital, Saitama, Japan
- P2-1-2 Perioperative management of oral surgery of a patient with narcolepsy 1**
MAMI TAKEMORI
Department of Anesthesiology, Nihon University School of Dentistry at Matsudo, Chiba, Japan
- P2-1-3 Is preoperative testing useful for day case general anaesthesia?—An experience with a case of suspected renal hypouricaemia—**
KANAE KUDOU
Miyuki Dental Clinic, Yamagata, Japan
- P2-1-4 General anesthesia in an adult-type metachromatic leukodystrophy patient with intractable epilepsy**
MAKI FUJIMOTO
Department of Dental Anesthesiology, Okayama University Hospital, Okayama, Japan
- P2-1-5 General anesthesia experience in a 22-year-old man diagnosed with vasospastic angina**
CHIIHIRO KUTSUMIZU
Department of Dental Anesthesiology and Orofacial Pain Management, Tokyo Medical and Dental University, Tokyo, Japan
- P2-1-6 Anesthetic management for a patient with SAPHO syndrome**
SAKURA TAKEDA
Dento-oral Anesthesiology, Tohoku University Graduate School of Dentistry, Sendai, Japan
- P2-2-1 An experience of general anesthesia for the patients with polymyositis**
MIKI IMURA
Department of Dental Anesthesiology Kanagawa Dental University, Kanagawa, Japan
- P2-2-2 Anesthetic management for dental treatment in a child with oculodentodigital dysplasia**
FUMIKO HATA
Department of Dentistry for Children with Special Needs, Gunma Children's Medical Center, Gunma, Japan

- P2-2-3 Experience in the management of general anaesthesia in the dental treatment of patients with Alexander's disease**
YOHEI NISHIDA
Department of Dental Anesthesiology, Matsumoto Dental University, Nagano, Japan
- P2-2-4 8 years of general anesthesia experience for patients with solitary median maxillary central incisor syndrome**
MASAYUKI SUZUKI
Yokohama City Center for Oralhealth of Persons with Disabilities, Yokohama, Japan
- P2-2-5 Intravenous sedation management of Aicardi-Goutieres syndrome : A case report**
TOSHIYUKI KISHIMOTO
Department of Dental Anesthesiology, Division of Oral Pathogenesis and Disease Control, Asahi University School of Dentistry, Gifu, Japan
- P2-2-6 Anesthetic management of a patient with hyperthermia for local anesthetics**
NAOHIRO OHSHITA
Department of Anesthesiology, Osaka Dental University, Osaka, Japan
- P2-3-1 An oral management of severe persistent asthma patient who has allergy to drugs and foods for 7 years in medical-dental collaboration**
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- P2-3-2 Dental treatment under general anesthesia for a child scheduled for open heart surgery with multiple dental caries**
YASUNORI KOMATSU
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- P2-3-3 Consideration of what to do when a patient with a history of anaphylaxis is referred**
TAKASHI GOTO
Department of Dental Anesthesiology, Division of Oral Pathogenesis and Disease Control, Asahi University School of Dentistry, Gifu, Japan
- P2-3-4 A case of gynecomastia caused by amitriptyline hydrochloride and alcoholic hepatitis**
DAI KANEKO
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- P2-4-1 A statistical study of airway management methods in tooth extractions in pediatric patients in the central operating room**
YUMIKO SATOH
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- P2-4-2 Report of treatment under general anesthesia at Aozora Dental Clinic in Iwaki City**
TAKASHI TAMANOI
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- P2-4-3 Airway management in adult patients with severe dental cellulitis due to odontogenic origin : a retrospective analysis of emergency 58 case series**
ERIKA SUZUE
Department of Dental Anesthesiology, Nagasaki University Hospital, Nagasaki, Japan
- P2-4-4 Trend of anesthetic management for dental treatment in Showa University Fujigaoka Hospital**
CHIKAE TAKAMI
Showa University Fujigaoka Hospital, Yokohama, Japan
- P2-4-5 Clinical investigation for psychosedation in patients with vasovagal reflex**
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- P2-5-1 Examination of the effectiveness of intravenous sedation using midazolam in dental clinic**
TAKASHI KAMADA
Kamada Dental Clinic, Kobe, Japan
- P2-5-2 An attempt of dental clinic information-sharing within anesthesiologists study group CDAC**
KENJI MIYACHI
Dental Office Renjaku no Mori, Tokyo, Japan
- P2-5-3 Incidence of hypoxemia under intravenous sedation for dental treatment in patients with intellectual disability : Retrospective analysis**
AKI KAWAUCHI
Department of Anesthesiology, Chiba University Hospital, Chiba, Japan
- P2-5-4 Statistical analysis of trigeminal neuralgia patients in the Department of Dental Pain Clinic at Tokyo Medical and Dental University Hospital in 2020**
KOTOMI UCHINUMA
Graduate School of Medical and Dental Sciences, Tokyo Medical and Dental University, Tokyo, Japan
- P2-5-5 Anesthesia management in pediatric dental practice for uncooperative children in Japan**
TOMOKA MATSUMURA
Department of Dental Anesthesiology and Orofacial Pain Management, Tokyo Medical and Dental University, Tokyo, Japan

- P2-6-1 The role of dental hygienists in the perioperative period**
YUMIKO OKADA
Department of Medical Technology, Kurashiki Central Hospital, Okayama, Japan
- P2-6-2 Effect of acquiring a dental hygienist certified by the Japanese Dental Society of Anesthesiology**
TAKEO SUGITA
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- P2-6-3 The management of appointment for an anesthesia by a hygienist**
IKUKO SUGIYAMA
Department of Oral Health Care, Yokohama Center, Kanagawa Dental University, Yokohama, Japan
- P2-6-4 Is the video viewing and simulation training the possible alternative education strategy of dental anesthesiology for preclinical students?**
SHIGENOBU KURATA
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- P2-6-5 A case of preoperative oral hygiene instruction for a patient with abnormal strangulation reflex**
KOSUKE YOKOYAMA
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- P2-6-6 About the achievements related to dental anesthesia before the establishment of the Dental Anesthesia Council (1966)**
HAJIME ISHIBASHI
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- P2-7-1 Efforts of a new training program of general anesthesia for the 4th dental students**
ARISA SAKAI
Department of Dental Anesthesiology, The Nippon Dental University, School of Life Dentistry at Tokyo, Tokyo, Japan
- P2-7-2 Systematic review of case reports of trigeminal neuralgia treated with herbal medicine**
HIROKO KANEMARU
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- P2-7-3 Report on the usability of the respiratory monitor in intravenous sedation**
HIROTAKA SUZUKI
Department of Anesthesia, National Hospital Organization Sendai Medical Center, Sendai, Japan

P2-7-4 Analysis of sedation and general anesthesia in patients with special needs in dentistry using the Korean healthcare bigdata

JIEUN KIM

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P2-7-5 Efforts to become a certified dental anesthesia doctor from areas where there is no dental anesthesia training facility

SUMIRE NAKAIE

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P2-7-6 Evacuation of inpatients in two big earthquakes that occurred at night

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