

Oral Presentation

- O1-1** **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, Kagoshima University, Kagoshima, Japan
- O1-2** **Activation of neurons and glial cells associated with intraoral hypersensitivity induced by chronic intermittent hypoxia in rats**
SAKI KISHIMOTO
Department of Dental Anesthesiology, Osaka University Graduate School of Dentistry, Osaka, Japan
- O1-3** **Functional regulation of serotonin transporter by SNARE protein Syntaxin3**
SERIKA MOTOIKE
Department of Dental Anesthesiology, Hiroshima University Hospital, Hiroshima, Japan
- O1-4** **The effect of cell extract (CE) derived from adipose-derived stem cells (ADSCs) on neural cells**
YUHEI KOYAMA
Division of Dental Anesthesiology, Graduate School of Medicine and Dental Sciences, Niigata University, Niigata, Japan
- O1-5** **Microglia-astrocyte crosstalk in rats with infraorbital nerve injury**
SAYAKA ASANO
Department of Oral Diagnostic Sciences, Nihon University School of Dentistry, Tokyo, Japan
- O1-6** **Transcribed ultraconserved region (T-UCR) in primary sensory neurons is involved in neuropathic pain**
TAKAYA ITO
Dental Anesthesia and Orofacial Pain Management, Graduate School, Tokyo Medical and Dental University, Tokyo, Japan

Oral Presentation

- O2-1** **The effect of sympathetic blockade time by stellate ganglion block on the treatment effect of trigeminal neuropathy**
KAZUNE KAWABATA
Division of Dental Anesthesiology, Department of Control of Physical Function, Kyushu Dental University, Fukuoka, Japan
- O2-2** **A multivariate analysis of the factors associated with individual difference of midazolam sensitivity**
YOSHIHIKO KOSAKI
Department of Dental Anesthesiology, Tokyo Dental College, Tokyo, Japan
- O2-3** **Association between autism spectrum disorder and the effect of premedication with midazolam**
HIROSHI HANAMOTO
Department of Dental Anesthesiology, Osaka University Graduate School of Dentistry, Osaka, Japan
- O2-4** **Evaluation of conditioned pain modulation, temporal summation and offset analgesia by a device for the measurement of endogenous pain modulatory system in healthy humans**
RYOKO KONO
Division of Dental Anesthesiology, Department of Diagnostic and Therapeutic Sciences, Meikai University School of Dentistry, Saitama, Japan
- O2-5** **Development of respiratory monitoring method by piezo-vibration sensor with ultra-high sensitivity, “AYA-P”**
SHINNOSUKE ANDO
Division of Dental Anesthesiology, Department of Diagnostic and Therapeutic Sciences, Meikai University School of Dentistry, Saitama, Japan
- O2-6** **Assorted risk factors according to the period of first occurrence of postoperative nausea and vomiting in orthognathic surgery**
EMI ISHIKAWA
Dental Anesthesiology, Department of Oral Pathological Science, Graduate of Dental Medicine, Hokkaido University, Sapporo, Japan

Poster Presentation

- P-001** **Mechanical stimulation-induced intercellular communication of trigeminal ganglion neurons**
TATSUHIKO YAZAKI
Department of Dental Anesthesiology, Tokyo Dental College, Tokyo, Japan
- P-002** **Macrophage imaging for the model rat of impaired inferior alveolar nerve using ultra small superparamagnetic particles of iron oxide enhanced MRI**
MAKOTO TERUMITSU
Division of Dental Anesthesiology, School of Dentistry, Health Sciences University of Hokkaido, Hokkaido, Japan
- P-003** **Expression of BDNF and NPY in trigeminal nerve ganglion after inferior alveolar nerve injury**
TATSURU TSURUMAKI
Division of Dental Anesthesiology, Niigata University, Niigata, Japan
- P-004** **Mechanism for the regulation of long-term facilitative and depressive synaptic plasticity in the insular GABAergic synapses**
MIDORI CHIKIRA
Department of Anesthesiology, Nihon University School of Dentistry, Tokyo, Japan
- P-005** **The investigation on the change of intercellular space volume in the mouse brain slice during exposure to the hypotonic or ischemic environment, and the effects of some drugs on the phenomena**
NANAE TAKAHASHI
Department of Anesthesiology, Tokyo Medical University Hachioji Medical Center, Tokyo, Japan
- P-006** **Effects of remote ischemic stress operation on central nervous system regeneration**
AKARI HASEGAWA
Department of Anesthesiology, Osaka Dental University, Osaka, Japan
- P-007** **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, Kagoshima, Japan
- P-008** **Goshuyuto, a traditional herbal medicine, inhibits the migraine headache induced by cortical spreading depression**
YUKI KAWAZOE
Department of Dental Anesthesiology, Osaka University Graduate School of Dentistry, Osaka, Japan

- P-009 Hypoalgesia in Alzheimer's disease model rats with hippocampus damage**
 MASAYOSHI HAYASHI
 Department of Dental Anesthesiology, Graduate School of Dentistry, Osaka University, Osaka, Japan
- P-010 Pharmacological characterization of the widespread sensitization in trigeminal nerve-mediated inflammatory pain model of rats**
 MANAMI YAJIMA
 Department of Neuroscience and Center for Neuroscience of Pain, Jikei University School of Medicine, Tokyo, Japan
- P-011 Inhalational anesthetic effects on Na, K-ATPase in brain**
 YURI HASE
 Department of Dental Anesthesiology, Faculty of Dental Medicine, Hokkaido University, Sapporo, Japan
- P-012 Potential of drug repositioning of midazolam as an inducer of osteoblast differentiation**
 YUKIHIKO HIDAKA
 Department of Dental Anesthesiology, Tsurumi University, Yokohama, Japan
- P-013 Propofol involve in the osteoclast differentiation and the expression of bone resorption-related factors**
 HITOMI SATOMI
 Department of Anesthesiology, Nihon University School of Dentistry, Tokyo, Japan
- P-014 Dexmedetomidine inhibits LPS-induced inflammatory responses via activating a peroxisome proliferator-activated receptor gamma (PPAR-gamma) expression**
 MAKI FUJIMOTO
 Department of Dental Anesthesiology and Special Care Dentistry, Okayama University Graduate School, Okayama, Japan
- P-015 Effects of vasopressin injection to rat oral cavity on cardiac function**
 HAYATO FUKAMI
 Department of Dental Anesthesiology, The Nippon Dental University, School of Life Dentistry at Tokyo, Tokyo, Japan
- P-016 Identification of novel histamine-producing cells using histidine decarboxylase reporter mice**
 YUKINORI TANAKA
 Dental Anesthesiology and Pain Management, Tohoku University Hospital, Sendai, Japan
- P-017** (Withdraw)
- P-018 Fabrication and clinical application of a wireless-power-transmission-type medical device—2.45 GHz Band, Ver. 1—**
 MIKA NISHIKAWA
 Department of Dental Anesthesia, Tokushima University Hospital, Tokushima, Japan

- P-019 Relationships between biomarkers, 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
- P-020 Usefulness of HES130 in prolonged operative procedures of oral surgery (3)—Analysis of patient background, blood loss, dosage of blood transfusion and vasopressors—**
ERIKA YAGUCHI
Department of Oral and Maxillofacial Surgery, Dokkyo Medical University, Tochigi, Japan
- P-021 The study of oral midazolam for premedication in patients with intellectual disability**
KOTA MIYAKE
Department of Dental Anesthesiology and Special Care Dentistry, Okayama University Graduate School, Okayama, Japan
- P-022 Comparative study on oral administration and nasal administration of preanesthetic medication to patients with cleft lip and palate**
MAYUMI HASHIMOTO
Aichi Gakuin University School of Dentistry, Department of Anesthesiology, Nagoya, Japan
- P-023 Prediction of difficult intubation using roentgenographic cephalogram**
KANA ITO
Department of Dental Anesthesiology, Tokyo Dental College, Tokyo, Japan
- P-024 Visibility of vocal cord in direct laryngoscopic exposure**
KENTARO OUCHI
Department of Dental Anesthesiology, Field of Maxillofacial Diagnostic and Surgical Sciences, Faculty of Dental Science, Kyushu University, Fukuoka, Japan
- P-025 Comparison of McGrath video laryngoscope and Macintosh laryngoscope during tracheal intubation in patients with difficult airway situation ; meta-analysis**
HIROSHI HOSHIJIMA
Division of Dento-oral Anesthesiology, Tohoku University Graduate School of Dentistry, Sendai, Japan
- P-026 Success rates of the conventional method of LMA-Flexible insertion : 3rd report**
AKIYOSHI KUJI
Division of Pedodontics and Special Care Dentistry, School of Dentistry, Iwate Medical University, Morioka, Japan
- P-027 An airway management using a Seldinger minitracheostomy kit after oral cancer surgery**
KYOTARO KOSHIKA
Department of Dental Anesthesiology, Tokyo Dental College, Tokyo, Japan

- P-028** **A study of factors affecting oxygenation during general anesthesia in infants for cheiloplasty**
SACHI OHNO
Department of Dental Anesthesiology, Kagoshima University, Kagoshima, Japan
- P-029** **Fentanyl midazolam combination for moderate sedation in dental fear patients**
SHIHO NAKANISHI
Itoh Dent-maxillofacial Hospital, Kumamoto, Japan
- P-030** **Consideration of utility of dexmedetomidine for sedation in our hospital**
HIDEKAZU FUSHIZUKA
Department of Dental Anesthesiology, Osaka Dental University, Osaka, Japan
- P-031** **Nitrous oxide may reduce intraoral sense**
KIRIKO KUROIWA
Suppecial Care Dentistry, Kyushu Dental University, Fukuoka, Japan
- P-032** **The analysis of dental treatments under intravenous sedation for patients with disabilities in the dental center**
SHIGE HARU JINNO
Shimada Ryoiku Center, Tokyo, Japan
- P-033** **Examination of intravenous sedation management cases for implant treatment in Osaka Dental University Hospital**
TAKESHI NAKAMURA
Department of Dental Anesthesiology, Osaka Dental University, Osaka, Japan
- P-034** **Evaluation of the effects of lidocaine with epinephrine and prilocaine with felypressin on the autonomic nervous system and circulatory dynamics : A randomized controlled trial**
KAORU YAMASHITA
Department of Dental Anesthesiology, Graduate School of Medical and Dental Sciences, Kagoshima University, Kagoshima, Japan
- P-035** **Ultrasound-guided maxillary nerve block for postoperative analgesia after zygomatic fracture operation a single-center retrospective study**
YUKI KOJIMA
Department of Dental Anesthesiology, Field of Oral and Maxillofacial Rehabilitation, Kagoshima University Graduate School of Medical and Dental Sciences, Kagoshima, Japan
- P-036** **Changes in tissue oxygenation with stellate ganglion block**
MICHIKO YASUDA
Department of Critical Care Medicine and Dentistry, Graduate School of Dentistry, Kanagawa Dental University, Kanagawa, Japan

- P-037** **Effect of masseter muscle stretching for different durations on buccal blood flow**
MICHIHARU SHIMOSAKA
Department of Anesthesiology, Nihon University School of Dentistry at Matsudo, Chiba, Japan
- P-038** **Exploratory study to evaluate safety and optimal dose and dosage of intravenous administration of tramadol**
TAKASHI GOTO
Department of Dental Anesthesiology, Division of Oral Pathogenesis and Disease Control, Asahi University School of Dentistry, Gifu, Japan
- P-039** **Usefulness of capnography during sedation for dental procedures**
TSUKASA YAMAMURO
Yamamuro Dental Clinic, Kumamoto, Japan
- P-040** **Analysis of breathing sound and dental apparatus noise generated from the airway during dental treatment under sedation**
KANA OUE
Department of Dental Anesthesiology, Hiroshima University Hospital, Hiroshima, Japan
- P-041** **Accuracy and reliability evaluation of wrist blood pressure measuring device on dental treatment chair**
KEISUKE TANAKA
Tanaka Dental Office, Fukui, Japan
- P-042** **Assessment of anti-choking devices on a manikin with complete airway obstruction**
YASUSHI SAKUMA
Medical Safety Management Center, Osaka Dental University Hospital, Osaka, Japan
- P-043** **Evaluation of pain alleviate effect by Orthopulse®**
MING-YU CHEN
May You Orthodontic Offices, Osaka, Japan
- P-044** **Study of safe general anesthesia performed in a practicing dental clinic**
YOSHITAKA INAMURA
Morimoto Dental Clinic, Hyogo, Japan
- P-045** **An introduction of ambulatory dental anesthesia in a children's hospital**
MIDORI ISHIDA
Department of Anesthesia, Tokyo Metropolitan Children's Medical Center, Tokyo, Japan
- P-046** **A second report : Activity of dental anesthesiologists study group CDAC**
KENJI MIYACHI
Renjaku no Mori Dental Clinic, Tokyo, Japan

- P-047** **General management of late elderly patients in our department**
TORU OSHIKIRI
Department of Dental Anesthesiology, The Nippon Dental University, School of Life Dentistry at Niigata, Niigata, Japan
- P-048** **Guidelines for treating suicidal inpatients at dentistry**
HIROKO KANEMARU
Department of Dental Anesthesiology, Niigata University Medical and Dental Hospital, Niigata, Japan
- P-049** **Our effort of perioperative support for all anesthesia cases at Niigata University Medical and Dental Hospital**
YUMIKO SATOH
Department of Dental Anesthesiology, Niigata University Medical and Dental Hospital, Niigata, Japan
- P-050** **A transition of cases managed with general anesthesia or sedation for dental treatment in general hospital**
SHOTA ABE
Department of Dental Anesthesiology, Ohu University School of Dentistry, Fukushima, Japan
- P-051** **Investigation of operating room efficiency**
HIROTAKA SUZUKI
Department of Anesthesiology, National Hospital Organization Sendai Medical Center, Sendai, Japan
- P-052** **The frequency of medical management fees during dental treatment at our clinic**
SHINGO SUGIOKA
City Tower Kobe Sannomiya Dental Clinic, Kobe, Japan
- P-053** **Questionnaire of dental anesthesia**
FUKIKO TANAKA
Megumi Dental Clinic, Osaka, Japan
- P-054** **Our hospital approach to COVID-19**
REINA OKADA
Department of Anesthesiology, Tokyo Dental College Ichikawa General Hospital, Chiba, Japan
- P-055** **Efforts to prevent nosocomial infection of COVID-19 in department of anesthesiology of attached hospital**
TAKAHIRO SASAKI
Department of Anesthesiology, Nihon University School of Dentistry at Matsudo, Chiba, Japan
- P-056** **Efforts to prevent nosocomial infection of COVID-19 in our hospital**
HIDENORI YAMAGUCHI
Department of Anesthesiology, Nihon University School of Dentistry at Matsudo, Chiba, Japan

- P-057** **The dental strategy for COVID-19 at Kagoshima University, Department of Dental Anesthesiology, Field of Oral and Maxillofacial Rehabilitation**
 YUKI KOJIMA
 Department of Dental Anesthesiology, Field of Oral and Maxillofacial Rehabilitation, Kagoshima University Graduate School of Medical and Dental Sciences, Kagoshima, Japan
- P-058** **Study of infection control during anesthesia in response to COVID-19 asymptomatic patients at Akita prefecture A hospital**
 FUMIHITO SUZUKI
 National Hospital Organization Akita Hospital Dentistry, Akita, Japan
- P-059** **Circumstances of infection control and anesthesia management environment in Ethiopian regional hospital operating room**
 NAOKI TAKAHASHI
 Oral Medicine, Chiba Cancer Center, Chiba, Japan
- P-060** **Trial of prophylaxis for COVID-19 by using an original splash guard**
 SHIGENOBU KURATA
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- P-062** **Medical safety education among dental trainee in the Kyushu University Hospital**
 TOHRU TAKARADA
 Division of General Dentistry, Kyushu University Hospital, Fukuoka, Japan
- P-063** **Introduction of interactive online education program in clinical practice of dental anesthesia**
 YOUKO KUDOU
 Department of Dent-oral Anesthesiology, Tohoku University Graduate School of Dentistry
- P-064** **The experience in using “Ten Minutes Saves a Life !®” the educational software for systemic complications developed for portable terminal**
 KOU FUJIWARA
 Showa University, School of Dentistry, Department of Perioperative Medicine, Division of Anesthesiology, Tokyo, Japan
- P-065** **Construction of online learning site by “NetCommons3”**
 SHINNOSUKE ANDO
 Division of Dental Anesthesiology, Department of Diagnostic and Therapeutic Sciences, Meikai University School of Dentistry, Saitama, Japan
- P-066** **The study of the effectiveness of the chest compression training using visual feedback in female dental staff**
 KENTARO NOGAMI
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- P-067** **Outline of the practical vital sign seminar by The Japanese Dental Society of Anesthesiology and post-questionnaire survey**
NAOTAKA KISHIMOTO
Community Medicine Committee, The Japanese Dental Society of Anesthesiology, Tokyo, Japan
- P-068** **Management experience during dental treatment for patients with ventricular assist device**
YU SATO
Tokyo Medical and Dental University, Tokyo, Japan
- P-069** **General care management of a hemodialysis patient with implantable cardioverter defibrillator during glossectomy**
AKARI MUKAI
Department of Dental Anesthesiology, Graduate School of Biomedical and Health Sciences, Hiroshima University, Hiroshima, Japan
- P-070** **Perioperative management for a patient with sick sinus syndrome using percutaneous pacing due to intraoperative advanced bradycardia**
TAIGA YOSHINAKA
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- P-071** **Experience of dental treatment under general anesthesia for Takayasu arteritis patient with rocuronium allergy after thoracic aortic aneurysm and cerebral aneurysm**
KEN TATENO
Department of Anesthesiology Saitama Medical University Hospital, Saitama, Japan
- P-072** **General anesthesia management during prolonged operation and re-operation for oral cancer in a patient with coronary spastic angina**
YUKIE NITTA
Department of Dental Anesthesiology, Faculty of Dental Medicine and Graduate School of Dental Medicine, Hokkaido University, Sapporo, Japan
- P-073** **A case report ; Management of a long duration anesthesia in a patient with AP and CRF by monitoring SVV**
YUZO IMAI
Niigata University Graduate School of Medical and Dental Science, Niigata, Japan
- P-074** **Intravenous sedation in a child with hypoplastic left heart syndrome and intellectual disability who has not undergone a Fontan operation**
HITOMI UJITA
Department of Dental Anesthesiology and Special Care Dentistry, Okayama University Graduate School, Okayama, Japan

- P-075** **Experience of the preoperative care of a patient in temporal region cellulitis with septic shock**
 SAWAKO NAGAHATA
 Shimonoseki City Hospital, Yamaguchi, Japan
- P-076** **Anesthesia experience in a patient with chronic one-versus-host disease who was in need of aggressive pulmonary protective ventilation**
 FUMIHITO SUZUKI
 Dentistry of National Hospital Organization Akita Hospital, Akita, Japan
- P-077** **A case in which McGRATH™ MAC and a bronchofiberscope were useful for intubation of a patient with tracheal stenosis due to thyroid tumor**
 YUKA KIKUCHI
 Department of Dental Anesthesiology, Hiroshima University Hospital, Hiroshima, Japan
- P-078** **Management of general anesthesia for diaphyseal dysplasia patients undergoing tracheostomy under conscious sedation**
 YUSHI ABE
 Department of Dental Anesthesia and Orofacial Pain Management, Tokyo Medical and Dental University, Tokyo, Japan
- P-079** **A case of general anesthesia in which CVCI was predicted in a patient who had a plate fixed after segmental resection of the mandible**
 YOSHIHIDE SAITOU
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- P-080** **A case with a history of the failure of McGRATH™-assisted tracheal intubation**
 TAKEO SUGITA
 Department of Anesthesiology and Dental Anesthesiology, Kanagawa Dental University Yokohama Training Center, Yokohama, Japan
- P-081** **The cases of applying the preformed nasal tracheal tube to oral intubation**
 REIKO TOMIMOTO
 Department of Anesthesiology, Osaka Dental University Hospital, Osaka, Japan
- P-082** **General anesthetic management of thyroglossal duct cystectomy in a pediatric patient**
 NOZOMI OHKUNI
 Department of Anesthesiology, Aichi-Gakuin University Dental Hospital, Nagoya, Japan
- P-083** **Usefulness of continuous administration of midazolam and propofol in oral implant surgery**
 YOSHITAKA INAMURA
 Muneo Dental Clinic, Osaka, Japan

- P-084** **Intravenous sedation with midazolam, dexmedetomidine, and fentanyl for a patient with severe dental phobia**
TAKAHITO TESHIROGI
Dental Anesthesiology, Department of Oral Pathobiological Science, Faculty of Dental Medicine, Hokkaido University, Sapporo, Japan
- P-085** **A case report of sedation with dexmedetomidine in a patient with recurrent laryngeal nerve paralysis**
JUNKO MIURA
Department of Dental Anesthesiology, Showa University Northern Yokohama Hospital, Yokohama, Japan
- P-086** **Dental treatment experience of patients with restless legs syndrome under intravenous anesthesia**
MAKOTO MIZUNO
Mizuno Dental Clinic, Kyoto, Japan
- P-087** **Intravenous sedation for an athlete with a history of vasovagal reflex : A case report**
TOSHIYUKI KISHIMOTO
Department of Dental Anesthesiology, Division of Oral Pathogenesis and Disease Control, Asahi University School of Dentistry, Gifu, Japan
- P-088** **Management of a patient with Noonan syndrome**
RIKA OKAMURA
Department of Anesthesiology, Nihon University School of Dentistry at Matsudo, Chiba, Japan
- P-089** **Anesthetic management of a patient with Noonan syndrome undergoing orthognathic surgery**
HARUKA SASAKI
Department of Dent-oral Anesthesiology, Tohoku University Graduate School of Dentistry, Sendai, Japan
- P-090** **General anesthesia in a Noonan's syndrome patient with pharyngeal stenosis and hypertrophic cardiomyopathy**
MAKI YAMAMOTO
Dental Anesthesia, The Nippon Dental University Hospital at Tokyo, Tokyo, Japan
- P-091** **Anesthetic management of a child with Pfeiffer syndrome type 2**
EMIKO INOUE
Dental Anesthesia, The Nippon Dental University Hospital at Tokyo, Tokyo, Japan
- P-092** **Dental treatment under general anesthesia performed for a patient with Rubinstein-Taybi syndrome**
YOSHINAO ASAHI
Department of Dentistry, Morinomiya Hospital, Osaka, Japan

- P-093** **A case of wisdom teeth extraction under general anesthesia in Meige syndrome patient**
YOSHINARI NISHIKAWA
Social Medical Corporation Seikoukai Kusatsu General Hospital, Shiga, Japan
- P-094** **Anesthetic management for a patient with Birt-Hogg-Dube syndrome**
AKANE ANDO
Department of Anesthesiology, Showa University School of Medicine, Tokyo, Japan
- P-095** **A case of cardio-facio-cutaneous syndrome required to administrate muscle relaxant as equivalent amount of ordinary infant for general anesthesia**
YOKO OKUMURA
Department of Anesthesiology, School of Dentistry, Aichi Gakuin University, Nagoya, Japan
- P-096** **Anesthetic management of dental treatment for a patient with Crouzon syndrome, with the cooperation of an otolaryngologist**
MACHIKO FUJIMOTO
Department of Dental Anesthesiology, Rakuwakai Otowa Hospital, Kyoto, Japan
- P-097** **A case of holoprosencephaly intubated in the anesthetic management for cleft lip surgery**
AKANE ANDO
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- P-098** **General anesthesia for third molars extraction in a patient with Kleine-Levin syndrome**
MASATOSHI FUJITA
Department of Dental Anesthesiology, Osaka University, Osaka, Japan
- P-099** **Experience of general anesthesia in dental treatment of Cornelia de Lange syndrome patient**
KAORUKO TAKEUCHI
Department of Anesthesiology, Osaka Dental University, Osaka, Japan
- P-100** **A case of intravenous anesthesia for oral surgery in a patient with erythropoietic protoporphyria**
HIKARU NAKAGAWA
Department of Dental Anesthesiology, Graduate School of Dentistry Osaka University, Osaka, Japan
- P-101** **General anesthesia in a patient with pycnodystosis for recurrent mandibular osteomyelitis after pathologic fracture**
YUKA OKAMURA
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- P-102** **A case of general anesthesia in a special need patient with aerophagia and the habit of foreign body insert for nasal cavity**
 YOHSUKE HIROSE
 Sakai Special Need Dental Clinic, Osaka, Japan
- P-103** **Anaesthetic management of autism spectrum disorder patient in collaboration with psychiatry : A case report**
 ASUKA TAGUCHI
 Dokkyo Medical University Saitama Medical Center, Department of Dentistry, Saitama, Japan
- P-104** **Perioperative management of a patient with Apert syndrome complicated by mental retardation : a case report**
 YOKO TAKESHITA
 Kindai University Nara Hospital, Nara, Japan
- P-105** **Perioperative general anesthetic management for a patient with attention deficit hyperactivity disorder and bronchial asthma**
 KEITA YOSHIDA
 Department of Anesthesiology, Osaka Dental University, Osaka, Japan
- P-106** **Anesthetic management of a patient with epilepsy after acute encephalitis with refractory, repetitive partial seizures**
 KIICHI TANIYAMA
 Department of Dental Anesthesiology, Matsumoto Dental University, Nagano, Japan
- P-107** **A case of intractable temporomandibular disorder type I who had difficulty in diagnosis with myofascial pain of masticatory muscles**
 KENZO MIZUMA
 Department of Anesthesiology, School of Medicine, Iwate Medical University, Morioka, Japan
- P-108** **A case of effective mirogabalin suspected neuropathic pain after maxillary molar extraction**
 MIDORI HAMAOKA
 Department of Dental Anesthesiology and Special Care Dentistry, Okayama University Graduate School, Okayama, Japan
- P-109** **A case of atypical tooth pain that was suspected for prodrome of the cerebral infarction**
 YUTAKA TANAKA
 Department of Dental Anesthesiology, Niigata University Medical and Dental Hospital, Niigata, Japan
- P-110** **A case of using Japanese traditional medicine for treatment of mandibular osteomyelitis**
 YOKO YAMAZAKI
 Orofacial Pain Clinic, Tokyo Medical and Dental University Dental Hospital, Tokyo, Japan

- P-111** **A case study of how kampo medicine alleviated for post-dental pain**
MAYA SAKAMOTO
Orofacial Pain Management, Tokyo Medical and Dental University School of Medical and Dental Sciences, Tokyo, Japan
- P-112** **Two cases of the trigeminal nerve postherpetic neuralgia that the combination therapy of Sho-saiko-to and Keishi-ka-shakuyaku-to was effective**
WATARU SAGARA
Department of Dental Anesthesiology, Tokushima University Hospital, Tokushima, Japan
- P-113** **Two cases of trigeminal neuralgia having difficulty with carbamazepine continuation**
MARINA TAKATA
Department of Dental Anesthesiology, Tokushima University Hospital, Tokushima, Japan
- P-114** **A case of an elderly person without the underlying disease that paroxysmal supraventricular tachycardia appeared during tooth extraction**
KIICHIRO YAMAGUCHI
Division of Dentistry, Fukuoka Rehabilitation Hospital, Fukuoka, Japan
- P-115** **A case of patient treated inclusive dental treatment medicated acute heart failure and waiting cardiovascular procedure**
DAISUKE OHIWA
Department of Dental Anesthesiology and Perioperative Management, Hinode Dental Office Makomanai, Hokkaido, Japan
- P-116** **A case of difficulty in managing supraventricular premature contraction and paroxysmal atrial fibrillation during awakening of general anesthesia**
MIE UEDA
Department of Anesthesiology, Osaka Dental University, Osaka, Japan
- P-117** **A case in which a patient was taken by ambulance due to dental treatment : Part 1**
NORIHIDE FUJITA
Komuro Dental Clinic, Osaka, Japan
- P-118** **A case in which a patient was taken by ambulance due to dental treatment : Part 2**
NORIHIDE FUJITA
Komuro Dental Clinic, Osaka, Japan
- P-119** **A case of marked elevation in creatine kinase during general anesthesia**
SATORU EGUCHI
Department of Dental Anesthesiology, Tokushima University Hospital, Tokushima, Japan
- P-120** **Unexpected corrugated tube damage caused by improper use of a tube holder**
EMI SAWADA
Division of Dental Anesthesiology, Graduate School of Medicine and Dental Sciences, Niigata University, Niigata, Japan

- P-121** **Tracheotomy under intravenous sedation with complication of pneumomediastinum :
A case report**
KEN TAKAHASHI
Dental Anesthesiology and Orofacial Pain Management, Tokyo Medial and Dental University,
Tokyo, Japan
- P-122** **A Case of severe asthma attack during intravenous sedation for mandibular ridge
plasty**
YUKO YOSHIDA
Department of Dental Anesthesiology, Showa University Northen Yokohama Hospital, Yokohama,
Japan
- P-123** **Two cases of artificial ventilation during intravenous sedation**
SHINGO SUGIOKA
City Tower Kobe Sannomiya Dental Clinic, Kobe, Japan
- P-124** **Difficult intubation with pharyngeal abscess caused by denture**
TAKUMI NAGUMO
Department of Anesthesiology, Saitama Medical University, Faculty of Medicine, Saitama, Japan
- P-125** **A case report of tube abberant and subcutaneous emphysema due to nasal intubation**
FUMIKA OGATA
Saitama Medical University Hospital, Saitama, Japan
- P-126** **Sudden ventilation difficulty immediately before returning to the ward in a child
patient with Goldenhar syndrome**
TOMOAKI UJITA
Division of Dental Anesthesiology, Graduate School of Medical and Dental Science, Niigata Univer-
sity, Niigata, Japan
- P-127** **A case of postoperative epilepsy with poor awakening after general anesthesia**
AYUMI YAMAMOTO
Department of Anesthesiology, Chiba University Hospital, Chiba, Japan
- P-128** **A postponed case because of anisocoria found after induction of anesthesia**
RIHO TANASE
Department of Anesthesiology School of Dentistry, Aichi-Gakuin University, Nagoya, Japan
- P-129** **A case of hemiplegia caused by transit ischemic attack after excision of torus
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