

Room 1 (Main Hall)

December 6

8:45 - 8:50

Opening Remarks

Symposium 1

8:50 - 9:50

Facial Nerve

Moderators: Naohito Hato (*Department of Otolaryngology, Ehime University School of Medicine, Ehime, Japan*)
Tzer-Zen Hwang (*E-DA Hospital, Taiwan*)

SY1-1 A new electroneurography (ENoG) method for facial palsy - midline method
Department of Otolaryngology – Head and Neck Surgery, Osaka Medical College, Japan Shin-Ichi Haginomori

SY1-2 Intratympanic steroid therapy for severe facial nerve palsy
*Department of Otorhinolaryngology-Head and Neck Surgery,
Nagoya City University Graduate School of Medical Sciences and Medical School, Japan* Akira Inagaki

SY1-3 The regeneration facilitating effects of basic fibroblast growth factor impregnated biodegradable gelatin hydrogel as a novel therapeutic strategy for facial paralysis due to temporal bone fracture
Department of Otorhinolaryngology, Head and Neck Surgery, Ehime University School of Medicine, Ehime, Japan
Hiroyuki Yamada

SY1-4 A systemic approach to decrease the chance of marginal mandibular branch injury during level Ib neck dissection
*Department of Otolaryngology, National Cheng Kung University Hospital, College of Medicine,
National Cheng Kung University, Taiwan* Jenn-Ren Hsiao

SY1-5 The facial nerve in parotid surgery
Department of Otolaryngology, Head and Neck Surgery, Taipei Veterans General Hospital, National Yang-Ming University, Taiwan
Tsung-Lun Lee

Symposium 2

10:20 - 11:40

Rhinology

Moderators: Shigeharu Fujieda (*Department of Otorhinolaryngology-Head & Neck Surgery, University of Fukui, Fukui, Japan*)
Ta-Jen Lee (*Department of Otolaryngology, Chang Gung Memorial Hospital, Taiwan*)

SY2-1 Novel clinical practice guidelines for the management of olfactory dysfunction in Japan
Department of Otolaryngology-Head and Neck Surgery, Hyogo College of Medicine, Japan Kenzo Tsuzuki

SY2-2 Effects of Biologic drugs for chronic rhinosinusitis with nasal polyps
*Division of Otorhinolaryngology - Head & Neck Surgery, Department of Sensory and Locomotor Medicine,
Faculty of Medical Science, University of Fukui, Japan* Tetsuji Takabayashi

SY2-3 Direct approach to the anterior and lateral part of the maxillary sinus with an endoscope
Department of Otorhinolaryngology, The Jikei University School of Medicine, Tokyo, Japan Kazuhiro Omura

SY2-4 The Influence of Eosinophils on the Manifestation and Surgical Outcomes of CRSwNP
*Departments of Otolaryngology, China Medical University Hospital, Taichung, Taiwan /
School of Medicine, China Medical University, Taichung, Taiwan* Chih-Jaan Tai

SY2-5 Rhinoplasty in Rhinology
*International Federation of Facial Plastic Surgery Societies / Taiwan Academy of Facial Plastic and Reconstructive Surgery /
Taiwan Rhinology Society / Facial Plastic Center, Changhua Christian Hospital, Taiwan* Chih-Wen Twu

SY2-6 Updates in the management and mechanism of olfactory dysfunction
Department of Otorhinolaryngology-Head and Neck Surgery, Taipei Veterans General Hospital, Taiwan Chien-Fu Yeh

Luncheon Seminar 1

11:50 - 12:50

Precision Medicine for Head and Neck Cancer

ONO PHARMACEUTICAL CO., LTD.
Bristol-Myers Squibb K.K.

Moderator: Ken-Ichi Nibu (*Department of Otolaryngology-Head and Neck Surgery, Graduate School of Medicine, Kobe University, Japan*)

LS1 The latest update of Immune check point inhibitors therapy for head and neck squamous cell carcinoma

Division of hematology and oncology, Department of Internal Medicine National Cheng Kung University Hospital College of Medicine National Cheng Kung University, Taiwan

Chia-Jui Yen

Symposium 3

13:00 - 14:20

Skull Base

Moderators: Takahiro Asakage (*Department of Head and Neck Surgery, Tokyo Medical and Dental University, Tokyo, Japan*)
Yaoh-Shiang Lin (*Kaohsiung Veterans General Hospital, Taiwan*)

SY3-1 Lateral skull base surgery: A single-center experience in the last 5 years

Department of Otorhinolaryngology, Graduate School of Medical Sciences, Kyushu University, Japan

Noritaka Komune

SY3-2 Recent advantage of craniofacial resection for anterior or anterolateral skull base malignancy

Department of Otorhinolaryngology, Nagoya University Graduate School of Medicine, Japan

Yasushi Fujimoto

SY3-3 Endoscopic endonasal surgery for sinonasal carcinoma

Department of Otolaryngology, Head and Neck Surgery, Graduate School of Medicine, Kyoto University, Japan

Masahiro Kikuchi

SY3-4 Microvascular free flaps and the applications of 3D-printing in head and neck reconstructions

Department of Otolaryngology Head & Neck Surgery, Changhua Christian Hospital, Taiwan

San-Fu Hong

SY3-5 Bilateral smell preservation is routinely possible following endoscopic endonasal approach for sellar/suprasellar lesions

Department of Otorhinolaryngology-Head and Neck Surgery, Taipei Veterans General Hospital, Taipei, Taiwan / School of Medicine, National Yang-Ming University, Taiwan

Ming-Ying Lan

SY3-6 Clinical Outcome of Endonasal Endoscopic Prelacrimal Approach in Managing sinonasal Pathologies

Department of Otolaryngology, Head and Neck Surgery, Kaohsiung Veterans General Hospital, Kaohsiung, Taiwan

Yu-Hsuan Lin

Symposium 4

15:20 - 16:40

Otology

Moderators: **Hiromi Kojima** (Department of Otorhinolaryngology, Jikei University School of Medicine, Tokyo, Japan)
An-Suey Shiao (Cheng Hsin General Hospital, Taiwan)

- SY4-1** **How to use surgical navigation right and make it useful in otological procedures?**
 Department of Otorhinolaryngology, Graduate School of Medical Sciences, Kyushu University, Fukuoka, Japan
 Nozomu Matsumoto
- SY4-2** **Underwater endoscopic ear surgery – The dawn of inner ear ultrafine surgery**
 Department of Otolaryngology-Head and Neck Surgery, Tohoku University Graduate School of Medicine, Japan
 Daisuke Yamauchi
- SY4-3** **Development of innovative treatment for middle ear mucosal regeneration by cell sheet technologies**
 Department of Otorhinolaryngology, Jikei University School of Medicine, Japan
 Kazuhisa Yamamoto
- SY4-4** **Consumption of betel quid contributes to sensorineural hearing impairment through arecoline-induced oxidative stress**
 Department of Otolaryngology, National Taiwan University Hospital, Taipei, Taiwan
 Tien-Chen Liu
- SY4-5** **Precision medicine for cochlear implantation in the genomic era: the Taiwan experience**
 Department of Otolaryngology, National Taiwan University Hospital, Taipei, Taiwan
 Chen-Chi Wu
- SY4-6** **Hearing Protective Effect of Dextromethorphan on Military Gun-Shooting Practice and Noise-Induced Hearing Loss Animal Models**
 Department of Otolaryngology-Head and Neck Surgery, Tri-Service General Hospital / National Defense Medical Center, Taipei, Taiwan
 Hsin-Chien Chen

Symposium 5

16:40 - 18:00

Audiology

Moderators: **Michihiko Sone** (Department of Otorhinolaryngology, Nagoya University Graduate School of Medicine, Aichi, Japan)
Chuan-Jen Hsu (Taichung Tzu Chi Hospital / Department of Otolaryngology, National Taiwan University, Taiwan)

- SY5-1** **Effects on middle ear muscle reflex on middle to high frequency sounds in human - A doubt on current assessing method for olivo-cochlear reflex-**
 Department of Otolaryngology, International University of Health and Welfare Atami Hospital, Japan
 Tatsuhiko Harada
- SY5-2** **Genetic polymorphisms and susceptibility to inner ear diseases**
 Department of Otorhinolaryngology, Nagoya University, Graduate School of Medicine, Nagoya, Japan
 Masaaki Teranishi
- SY5-3** **NLRP3 mutation and cochlear autoinflammation cause syndromic and nonsyndromic hearing loss DFNA34**
 Department of Otorhinolaryngology/Head & Neck Surgery, Hamamatsu University School of Medicine, Japan / Otolaryngology Branch, National Institute on Deafness and Other Communication Disorders, National Institutes of Health, USA
 Hiroshi Nakanishi
- SY5-4** **The effect of electroacupuncture for noise induced hearing loss in animals**
 Department of Otolaryngology, China Medical University Hospital, Taichung, Taiwan
 Chia-Der Lin
- SY5-5** **Transuterine inner ear gene delivery by a synthetic adeno-associated virus**
 Department of Medical Research, Taipei Veterans General Hospital, Taiwan / Department of Otolaryngology-Head and Neck Surgery, Taipei Veterans General Hospital, Taiwan / Faculty of Medicine, College of Medicine, National Yang-Ming University, Taiwan
 Yen-Fu Cheng
- SY5-6** **Statistical analysis of hearing screening tools for referral newborns**
 Department of Otorhinolaryngology-Head and Neck Surgery, China Medical University Hospital, Taichung, Taiwan
 Ching-Yu Tsai

Room 2 (Hall 1, 2)

December 6

Symposium 6

8:50 - 10:10

Head and Neck Oncology

Moderators: **Hidenori Inohara** (*Department of Otorhinolaryngology - Head & Neck Surgery, Osaka University Graduate School of Medicine, Osaka, Japan*)

Mu-Kuan Chen (*Changhua Christian Hospital / Chung Shan Medical University, Taiwan*)

SY6-1 **Controversies in relation to neck management in N0 early oral tongue cancer**
Department of Head and Neck Surgery, Aichi Cancer Center Hospital, Japan Nobuhiro Hanai

SY6-2 **Present status of endoscopic surgery for malignant sinonasal tumors in Japan**
Department of Head and Neck Surgery, Tokyo Medical and Dental University, Japan Takahiro Asakage

SY6-3 **A clinical analysis of sinonasal squamous cell carcinoma: A comparison of *de novo* squamous cell carcinoma and that arising from inverted papillomas**
Department of Otorhinolaryngology, Graduate School of Medical Sciences, Kyushu University, Japan Ryuji Yasumatsu

SY6-4 **Ubiquitin Conjugating Enzyme 2C is a Poor Prognostic Factor of Tongue Squamous Cell Carcinoma**
Department of Otorhinolaryngology Head and Neck Surgery, Kaohsiung Veterans General Hospital, Kaohsiung, Taiwan Bor-Hwang Kang

SY6-5 **The influence of marginal vs segmental mandibulectomy on local recurrence and survival in oral squamous cell carcinoma**
Department of Otolaryngology Head and Neck Surgery, China Medical University Hospital / School of Medicine, China Medical University, Taichung, Taiwan Ming-Hsui Tsai

SY6-6 **Adequate Pathological Surgical Margin in Oral Cancer**
Department of ENT of MacKay Memorial Hospital, Taipei, Taiwan Yi-Shing Leu

Symposium 7

10:20 - 11:40

Voice

Moderators: **Koichi Omori** (*Department of Otolaryngology, Head & Neck Surgery, Graduate School of Medicine, Kyoto University, Japan*)
Tzu-Yu Hsiao (*National Taiwan University Hospital, Taiwan*)

SY7-1 **Vocal fold injection of basic fibroblast growth factor in patient with vocal fold scar, atrophy, and sulcus vocalis**
Department of Otolaryngology-Head and Neck Surgery, Kurume University School of Medicine, Japan Shintaro Sueyoshi

SY7-2 **Real-world treatment procedure of laryngeal disease for elderly patients with serious complications**
Department of Otolaryngology Head and Neck Surgery, Yokohama City University Medical Center, Japan Hiromitsu Hatakeyama

SY7-3 **Angiolytic laser treatment for laryngeal lesions**
Department of Otolaryngology, Head and Neck Surgery, Graduate School of Medicine, Kyoto University, Japan Yo Kishimoto

SY7-4 **Voice from nerves: what does LEMG tell us when nerve being injured?**
Department of Otolaryngology Head and Neck Surgery, Chang Gung Memorial Hospital at Linkou, Chang Gung University, Taoyuan, Taiwan Tuan-Jen Fang

SY7-5 **The development and applications of office-based laryngeal surgery**
Department of Otolaryngology-Head and Neck Surgery, Taipei Veterans General Hospital, National Yang-Ming University, Taipei, Taiwan Yen-Bin Hsu

SY7-6 **Pre- and Posttreatment Voice and Nasality Changes in Patients With Nasopharyngeal Carcinoma Treated With (Chemo)radiotherapy: A preliminary report**
Department of Otolaryngology, Head and Neck Surgery, Kaohsiung Veterans General Hospital, Kaohsiung, Taiwan / Institute of Public Health, College of Medicine, National Cheng Kung University, Tainan, Taiwan Ting-Shou Chang

Luncheon Seminar 2

11:50 - 12:50

makichie Co., Ltd.

Moderator: Tatsuya Yamasoba (*Department of Otolaryngology and Head & Neck Surgery, University of Tokyo, Japan*)**LS2 Intervention and treatment for chronic sensorineural hearing loss***Department of Otolaryngology School of Medicine, Keio University, Japan*

Kaoru Ogawa

Paper 1

13:00 - 13:40

Laryngology 1**Moderator:** Tuan-Jen Fang (*Department of Otolaryngology Head and Neck Surgery, Chang Gung Memorial Hospital at Linkou, Chang Gung University, Taoyuan, Taiwan*)**O01-01 Predictive Factor Analysis for Successful Decannulation after Glottis-dilating Surgery in Patients with Bilateral Vocal Fold Immobility***Department of Otolaryngology, Kansai Rosai Hospital, Japan*

Itsuki Kitayama

O01-02 Our experience in the treatment of bilateral vocal fold immobility*Taipei Tzu Chi Hospital, Buddhist Tzu Chi Medical Foundation, Taiwan*

Wan-Fu Su

O01-03 The Etiologies and Treatments for Patients with Bilateral Vocal Paralysis*Tri-Service General Hospital, Taiwan*

Pei Hsuan Wu

O01-04 A Novel Adjustable Device for Laryngeal Framework Surgery: An Animal Study*Shuang Ho Hospital, Taipei Medical University, Taiwan*

Ying-Ta Lai

Paper 2

13:40 - 14:20

Laryngology 2**Moderator:** Yusuke Watanabe (*Tokyo Voice Center, International University of Health and Welfare, Sanno Hospital, Japan*)**O02-01 Disease Control and Voice Outcome after KTP Laser for Recurrent Laryngeal Papillomatosis***Department of Otolaryngology, Far Eastern Memorial Hospital, New Taipei City, Taiwan*

Wei-Chen Hung

O02-02 Application of machine learning for the screening, detection, and classification of voice disorders*Far Eastern Memorial Hospital, Taiwan*

Chi-Te Wang

O02-03 Morphometric Analysis of Larynx under Computerized Tomography Image*Department of Otolaryngology, Taipei Medical University, Taipei Municipal Wan Fang Hospital, Taipei City, Taiwan*

Yi-Lin Kao

O02-04 Continuous and Simultaneous Evaluation of Glottal Contact and Expiratory Effort during Phonation Using Electroglottography and Manometry*JCHO Osaka Hospital / Osaka University Graduate School of Medicine, Japan*

Makoto Ogawa

Paper 3

14:30 - 15:10

Others

Moderator: Li-Ang Lee (*Department of Otorhinolaryngology, Head and Neck Surgery, Linkou Chang Gung Memorial Hospital, Chang Gung University, Taoyuan, Taiwan*)

O03-01 Comparison of the Response for Aspiration Injury Evoked by Two Type of Jelly Products; In Vivo Animal Study
Department of Otorhinolaryngology, Dokkyo Medical University Saitama Medical Center, Japan Kosuke Tochigi

O03-02 Locating Lingual Artery with Intraoperative Ultrasound for Safety in Performing Transoral Robotic Surgery for Obstructive Sleep Apnea
Department of Otolaryngology, National Cheng Kung University Hospital, College of Medicine, National Cheng Kung University, Tainan, Taiwan Chan-Chi Chang

O03-03 Suppression of CD82 reduces resistance to cisplatin and paclitaxel in 3D culture model of head and neck cancer cell
Department of Otorhinolaryngology, Head and Neck Surgery, Faculty of Medical Sciences, University of Fukui, Japan Norihiko Narita

O03-04 A case of fibrous dysplasia of clivus
Ako Central Hospital, Japan Mayuko Sasawaki

Symposium 8

15:20 - 16:40

Dysphagia

Moderators: Yukio Katori (*Department of Otolaryngology & Head and Neck Surgery, Tohoku University Graduate School of Medicine, Japan*)

Pen-Yuan Chu (*Department of Otolaryngology-Head and Neck Surgery, Taipei Veterans General Hospital, National Yang-Ming University, Taipei, Taiwan*)

SY8-1 Surgical Treatment of Dysphagia Caused by Neuromuscular Diseases
Department of Otolaryngology, Tokyo Metropolitan Health and Hospitals Corporation Ebara Hospital, Japan Yurika Kimura

SY8-2 Swallowing function after hypopharyngeal cancer surgery involving vocal function preservation
Department of Otorhinolaryngology, Nagoya University Graduate School of Medicine, Japan Mariko Hiramatsu

SY8-3 Swallowing function after segmental mandibulectomy and reconstruction using a CAD/CAM system
Department of Otolaryngology-Head and Neck Surgery, Tohoku University, Japan Ayako Nakanome

SY8-4 Changing Paradigm of Conservation Surgery of Hypopharyngeal Cancer from Open to Endoscopic: Oncologic and Functional Outcomes
Department of Otolaryngology-Head and Neck Surgery, Taipei Veterans General Hospital, National Yang-Ming University, Taipei, Taiwan Pen-Yuan Chu

SY8-5 Speech and Swallowing Function Preservation Difference in T1/2 Tongue Cancer Patients Received Partial Glossectomy with Flap or Non-flap Reconstruction
Department of Otolaryngology Head and neck surgery, China Medical University Hospital, Taiwan Chien-Jen Chiu

SY8-6 Risk Factors and Clinical Impact of PPI non-responsive Laryngopharyngeal Reflux-related Symptoms A High-resolution Impedance Manometry Study
Department of Otolaryngology, National Taiwan University Hospital, Taipei, Taiwan / Graduate Institute of Clinical Medicine, National Taiwan University College of Medicine, Taiwan Wen-Hsuan Tseng

Symposium 9

16:40 - 18:10

OSAS Beyond CPAP –Not only CPAP but also personalized medicine

Moderators: **Meiho Nakayama** (*Department of Otolaryngology & Good Sleep Center, Nagoya City University, Japan*)
Hsueh-Yu Li (*Department of Otorhinolaryngology - Head and Neck Surgery, Sleep Center, Linkou-Chang Gung Memorial Hospital, Taoyuan, Taiwan / College of Medicine, Chang Gung University, Taoyuan, Taiwan*)

- SY9-1 Allergic Rhinitis and Sleep**
Ota Memorial Sleep Center / Department of ENT, Jikei University School of Medicine, Japan Shintaro Chiba
- SY9-2 Drug-induced sleep endoscopy (DISE) for adults and children; A new generation**
Department of Otorhinolaryngology, Teikyo University Chiba Medical Center, Japan Masaaki Suzuki
- SY9-3 Relationship between Ménière's disease and sleep dynamics**
Department of Otorhinolaryngology, Head & Neck Surgery, Good Sleep Center, Nagoya City University Medical School, Japan Takenao Mihara
- SY9-4 How to manage continuous positive airway pressure (CPAP) failure -hybrid surgery and integrated treatment**
Department of Otorhinolaryngology - Head and Neck Surgery, Sleep Center, Linkou-Chang Gung Memorial Hospital, Taoyuan, Taiwan / College of Medicine, Chang Gung University, Taoyuan, Taiwan Hsueh-Yu Li
- SY9-5 Pediatric obstructive sleep apnea: the associations of obesity and inflammatory biomarkers on surgical outcome**
Department of Otorhinolaryngology, Head and Neck Surgery, Linkou Chang Gung Memorial Hospital, Chang Gung University, Taoyuan, Taiwan Li-Ang Lee
- SY9-6 A safe and precise tongue base surgery for OSA: Real-time Intraoperative Ultrasound-Assisted TORS**
Department of Otolaryngology, National Cheng Kung University Hospital, College of Medicine, National Cheng Kung University, Tainan, Taiwan / Sleep Medicine Center, National Cheng Kung University Hospital, College of Medicine, National Cheng Kung University, Taiwan Cheng-Yu Lin
- SY9-7 Insights of Drug-Induced Sleep Endoscopy in Adults with Obstructive Sleep Apnea**
Department of Otorhinolaryngology, Head and Neck Surgery, Kaohsiung Veterans General Hospital, Taiwan Hsing-Hao Su

Room 3 (Hall 3)

December 6

Paper 4

8:50 - 9:30

Otology 1

Moderator: Tien-Chen Liu (*Department of Otolaryngology, National Taiwan University Hospital, Taipei, Taiwan*)

O04-01

Morphological changes of otolith in estrogen deficiency mice by μ CT.

Department of Otorhinolaryngology, Head and Neck Surgery Ehime University, School of Medicine, Japan

Eriko Nishihara

O04-02

Systematic quantification of the anion transport function of pendrin and its disease-associated variants

National Hospital Organization Tokyo Medical Center, Japan

Koichiro Wasano

O04-03

Hearing Impairment in Xeroderma Pigmentosum: Clinical characteristics and animal model

Department of Otorhinolaryngology-Head and Neck Surgery, Kobe University, Graduate School of Medicine, Japan

Takeshi Fujita

O04-04

Nestin may be a candidate for regeneration of cochlear hair cells in the mouse organ of Corti

Kumamoto University, Japan

Hiroki Takeda

Paper 5

9:30 - 10:10

Otology 2

Moderator: Katsumi Doi (*Department of Otolaryngology & HNS, Kinki University, Japan*)

O05-01

Cryopreservation of human nasal mucosal tissue for fabricating transplantable cell sheet

Department of Otorhinolaryngology, Jikei University School of Medicine, Japan

Hung-I Hsu

O05-02

Association of the Quantitative Analysis on 3D-FLAIR MRI and the Hearing Outcome in Patients with Sudden Sensorineural Hearing Loss

Department of Otorhinolaryngology, Nagoya University Graduate School of Medicine, Aichi, Japan

Cheng-Jui Yang

O05-03

The difficulty of determining Eustachian tube function using Eustachian tube function tests alone

Kyorin University, Japan

Masatsugu Masuda

O05-04

Experience with middle ear implant for unilateral profound conductive hearing loss by meatal atresia

International University of Health and Welfare Mita Hospital, Japan

Satoshi Iwasaki

Paper 6

10:20 - 11:00

Otology 3

Moderator: Chia-Der Lin (*Department of Otolaryngology, China Medical University Hospital, Taichung, Taiwan*)

- O06-01 Simple Input for the IOOG SAMEO-ATO Framework and the EAONO/JOS System**
Department of Otolaryngology and Head and Neck Surgery, Graduate School of Medicine, the University of Tokyo, Japan
Yu Matsumoto
- O06-02 The development of a safe method of canal wall down technique, using the medical image processing system**
Department of Otolaryngology-Head & Neck Surgery, Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Science, Japan
Kazunori Nishizaki
- O06-03 Tympanoplasties based on assessments of middle ear aeration by staged surgery in treatment of cholesteatomas**
Department of Otolaryngology, Kochi Medical School, Kochi University, Kochi, Japan / Department of Otolaryngology, Takanoko Hospital, Ehime, Japan
Masahiro Komori
- O06-04 Meatotympanoplasty for external auditory canal stenosis and lateralized tympanic membrane**
Otolaryngology, Kanazawa University, Japan
Kina Kase

Paper 7

11:00 - 11:40

Head and Neck 1

Moderator: Hiroshi Iwai (*Department of Otolaryngology, Head and Neck Surgery, Kansai Medical University, Osaka, Japan*)

- O07-01 Indications and Surgical Outcomes of Enucleation for Benign Parotid Tumors**
Tenri Hospital, Japan
Atsushi Taguchi
- O07-02 Effective preoperative embolization of the feeding arteries just before carotid body tumor resection**
Iwate Medical University, Japan
Kiyoto Shiga
- O07-03 Transoral laser microsurgery in the management of T3 glottic cancer- Experience of Taipei Veterans General Hospital**
Taipei Veterans General Hospital Department of Otorhinolaryngology-Head and Neck Surgery, Taiwan
Pei-Ju Chien
- O07-04 Systematic review and meta-analysis of the complications of salvage total laryngectomy**
The Royal Victorian Eye and Ear Hospital, Australia
Syeda Tasfia Saief

Paper 8

13:00 - 13:40

Head and Neck 2

Moderator: Sheng-Po Hao (*Department of Otolaryngology Head and Neck Surgery, Comprehensive Oral Cancer Center, Shin Kong Wu Ho-Su Memorial Hospital, Taiwan / School of Medicine, Fu-Jen University, Taiwan*)

O08-01 Improvement of cervical retrieved lymph node number during neck dissection in oral cancer patient

Kaohsiung Veterans General Hospital, Taiwan

Ching-Chih Lee

O08-02 The prognostic value of pretreatment C-reactive protein-to-albumin ratio in oral cavity cancer

Department of Otorhinolaryngology-Head and Neck Surgery, Chang Gung Memorial Hospital, Chiayi, Taiwan

Yao-Te Tsai

O08-03 Surgery for Oral Cancer with Infratemporal Fossa Invasion

Department of Otolaryngology-Head Neck Surgery, Tri-Service General Hospital, National Defense Medical Center, Taiwan

Yueng-Hsiang Chu

O08-04 Factors affecting conversation and swallowing function following tumor resection and reconstruction in patients with tongue cancer

Department of Otorhinolaryngology, JCHO Osaka Hospital, Japan

Mizuki Korematsu

Paper 9

13:40 - 14:10

Head and Neck 3

Moderator: Akihiro Shiotani (*Department of Otolaryngology-Head and Neck Surgery, National Defense Medical College, Japan*)

O09-01 Real-world outcomes and prognostic factors in patients receiving nivolumab therapy for recurrent or metastatic head and neck carcinoma

Department of Otolaryngology, Tenri Hospital, Japan

Ryusuke Hori

O09-02 Short-term outcome of 47 external auditory canal cancer treated at a single institution

Department of Otolaryngology, Tokyo Medical and Dental University, Japan

Takeshi Tsutsumi

O09-03 How to measure velopharyngeal function after treatment of head and neck cancer?

Department of Otolaryngology-Head and Neck Surgery, Kobe University Graduate School of Medicine, Japan

Tatsuya Furukawa

Paper 10

14:30 - 15:10

Otology / Vestibulology

Moderator: Sheng-Chiao Lin (*Department of Otorhinolaryngology – Head and Neck Surgery, Kaohsiung Veterans General Hospital, Kaohsiung, Taiwan / Department of Otorhinolaryngology – Head and Neck Surgery, Chiayi Branch of Taichung Veterans General Hospital, Chiayi, Taiwan / School of Medicine, National Defense Medical Center, Taipei, Taiwan*)

O10-01 Development of a Validated Questionnaire for Persistent Postural-Perceptual Dizziness (PPPD) and Investigation of the Subtypes of PPPD

Department of Otolaryngology Head and Neck Surgery, Niigata University Graduate School of Medical and Dental Sciences, Japan

Chihiro Yagi

O10-02 Cervical Vestibular evoked myogenic potential and Caloric test responses in obstructive sleep apnea patients with vertigo

Department of Otolaryngology-Head and Neck Surgery, Shuang Ho Hospital, Taipei Medical University, Taiwan

Tzu-Ying Chen

O10-03 Novel evaluation method for cVEMP

St. Marianna University, Yokohama Seibu Hospital, Japan

Toru Seo

O10-04 Prediction of short-term prognosis of hearing impairment in patients with unilateral Meniere's disease by the results of Head-shaking test

Osaka Medical College, Japan

Takaki Inui

Paper 11

15:20 - 16:00

Head and Neck 4

Moderator: Bor-Hwang Kang (*Department of Otorhinolaryngology Head and Neck Surgery, Kaohsiung Veterans General Hospital, Kaohsiung, Taiwan*)

- O11-01 Nicotinic acetylcholine receptor subunit alpha-5 promotes radioresistance via recruiting E2F activity in oral squamous cell carcinoma**
Graduate Institute of Medical Sciences, College of Medicine, Taipei Medical University (TMU), Taipei, Taiwan / Department of Otolaryngology, TMU Hospital, TMU, Taipei, Taiwan / Department of Otolaryngology, School of Medicine, College of Medicine, TMU, Taipei, Taiwan
Che-Hsuan Lin
- O11-02 PLAG1 expression proved a carcinoma ex pleomorphic adenoma with lung metastasis: a diagnostic dilemma**
Department of Otolaryngology-Head and Neck Surgery, Taipei Medical University-Shuang Ho Hospital, Taiwan
Hsiao-Wei Lu
- O11-03 The Geriatric Nutritional Risk Index as a prognostic factor in patients with advanced head and neck cancer**
Department of Otolaryngology, Head and Neck Surgery, Faculty of Medicine, University of Tsukuba, Japan
Masahiro Nakayama
- O11-04 Nutritional indexes as a predictor of serious complications of reconstruction surgery for head and neck cancer patients**
Department of Otolaryngology Head and Neck Surgery, Niigata University Graduate School of Medical and Dental Sciences, Japan
Ryusuke Shodo

Paper 12

16:00 - 16:40

Head and Neck 5

Moderator: Tsung-Lin Yang (*Department of Otolaryngology & Head Neck Surgery, National Taiwan University Hospital, Taiwan*)

- O12-01 Our preliminary experience of the shear wave elastography for the major salivary gland tumors**
Far Eastern Memorial Hospital, Taiwan
Ping-Chia Cheng
- O12-02 Head and Neck Ultrasound Examination by Otolaryngologists - Five-Year Experience**
Cathay General Hospital, Taiwan
Yung Yuan Chen
- O12-03 Detection of Human Papillomavirus and Epstein-Barr virus in Saliva and Blood of Head and Neck Cancer Patients**
Department of Otolaryngology-Head & Neck Surgery, Kaohsiung Chang Gung Memorial Hospital, Taiwan / Chang Gung University College of Medicine, Kaohsiung, Taiwan
Hui-Ching Chuang
- O12-04 Effectiveness of image-enhanced endoscopy for detection of second primary esophageal neoplasm in patients with hypopharyngeal cancer**
Department of Otolaryngology, Head and Neck Surgery, Taipei Veterans General Hospital, Taipei, Taiwan / School of Medicine, National Yang-Ming University, Taipei, Taiwan
Yu-Wen Huang

Paper 13

16:40 - 17:10

Rhinology 1

Moderator: Yuichi Kurono (*Department of Otolaryngology, Head and Neck Surgery, Kagoshima University, Japan*)

- O13-01 Is serum total Immunoglobulin E levels as a good predictor for post-operative corticosteroid response in chronic rhinosinusitis with nasal polyps?**
Department of Otolaryngology Head and Neck Surgery, Mackay Memorial Hospital, Taitung, Taiwan
Kuang-Hsuan Shen
- O13-02 Phenotype of Eosinophilic Rhinosinusitis**
Nippon Medical School Musashikosugi Hospital, Japan
Shoji Matsune
- O13-03 The Association of PM 2.5 and Allergic Rhinitis and Non-allergic rhinitis**
Departments of Otolaryngology, China Medical University Hospital, Taichung, Taiwan
Huan-Yu Lin

Paper 14

17:10 - 17:50

Rhinology 2

Moderator: **Chih-Jaan Tai** (*Division Head, Rhinology, Department of Otolaryngology, China Medical University Hospital, Taiwan*)

O14-01 **Factors associated with Lose to follow-up after Functional Endoscopic Sinus Surgery**
Departments of Otolaryngology, China Medical University Hospital, Taichung, Taiwan / School of Medicine, China Medical University, Taichung, Taiwan
Chih-Jaan Tai

O14-02 **Plasma Galectin-10 and mucosal eosinophil infiltration in chronic rhinosinusitis**
Department of Otorhinolaryngology, Head and Neck Surgery, Akita University, Graduate School of Medicine, Japan
Takechiyo Yamada

O14-03 **Nasal Irrigation Therapy in patients with allergic patients**
Department of Otorhinolaryngology, Kitasato University Medical Center, Japan
Motofumi Ohki

O14-04 **Successful treatment of eosinophilic chronic rhinosinusitis with an anti-IL-5 receptor monoclonal antibody, benralizumab**
Tenri Hospital, Japan
Hiroki Kagoshima

Posters (Exchange Hall)

December 6

Poster

14:20 - 15:20

Head and Neck

- P01** **HPV-status determines the efficacy of an oral fluoropyrimidine, S-1, in oropharyngeal carcinoma**
Division of Otolaryngology, and Head & Neck Surgery, Kanazawa University, Japan Naohiro Wakisaka
- P02** **Significance of basaloid squamous cell carcinoma component in HPV-related oropharyngeal carcinoma**
Department of Otorhinolaryngology, Juntendo University Faculty of Medicine / Department of Human Pathology, Juntendo Univ., School of Medicine, Japan Yo Suzuki
- P03** **Comprehensive analysis of HLA-presented peptides in head and neck cancer tissues**
Sapporo Medical University School of Medicine, Japan Makoto Kurose
- P04** **Experience of a Nivolumab use against our 32 cases of head and neck cancer**
Department of Otorhinolaryngology-Head and Neck Surgery, Graduate school of Medicine, University of Ryukyus, Japan Katsunori Tanaka
- P05** **A study of prophylactic antibiotics in head and neck reconstruction surgery**
Wakayama Medical University, Japan Shunji Tamagawa
- P06** **A clinical study of oropharyngeal squamous cell carcinoma**
Head and Neck Oncology Center, Showa University / Department of Otorhinolaryngology, Showa University School of Medicine / Department of Oral and Maxillofacial Surgery, Division of Oral Oncology, Japan Shunya Egawa
- P07** **A clinical study of lower gingival carcinoma**
Department of Otorhinolaryngology, Showa University School of Medicine / Head and Neck Oncology Center, Showa University, Japan Yoichiro Narikawa
- P08** **Will Radiotherapy increase cardiovascular complication in Patients with Head and Neck Cancer? : A Nationwide Population-Based Cohort Study**
Department of Otolaryngology, St. Martin De Porres Hospital / Department of Otolaryngology, Chung Shan Medical University Hospital / Institute of Medicine, Chung Shan Medical University, Taiwan Yen Ting Lu
- P09** **Results of the Multidisciplinary Approach for Patients with T4b Malignant Tumors observed Middle Cranial Fossa Invasion of Maxillary Sinus**
Department of Otolaryngology, Head and Neck Surgery, Jichi Medical University, Japan Ryutaro Onaga
- P10** **Poorly differentiated clusters are prognostic factors for T1 or T2 squamous cell carcinoma of the external auditory canal**
Department of Otorhinolaryngology, Fukuoka Dental College Medical & Dental Hospital / Department of Otorhinolaryngology, Fukuoka University Hospital and School of Medicine / Department of Pathology, Fukuoka University Hospital and School of Medicine, Japan Masaru Miyazaki
- P11** **Prediction for facial nerve paralysis after parotidectomy using intraoperative facial nerve monitoring**
Otorhinolaryngology Head and Neck Surgery Osaka Medical College, Japan Masaaki Higashino
- P12** **Incorporation of shear wave elastography into a prediction model in the assessment of cervical lymph nodes**
Department of Otolaryngology, Far Eastern Memorial Hospital, Taipei, Taiwan Wu-Chia Lo
- P13** **Seven cases of small cell carcinoma of the head and neck**
Iwate Medical University, Japan Katsunori Katagiri
- P14** **Two cases of carcinoma at sites of old maxillary fractures**
Kagoshima University, Japan Masaki Kawabata
- P15** **Advanced malignancy found incidentally with internal jugular venous thrombosis: a report of 2 cases**
Otorhinolaryngology, Shinseikai Toyama Hospital, Japan Takahiro Tokunaga

- P16** **A case of papillary mucinous neoplasm occurred in sublingual gland**
Department of Otorhinolaryngology, Showa University School of Medicine / Head and Neck Oncology Center, Showa University, Japan Yasunobu Amari
- P17** **A rare sinonasal tract carcinomas - Human Papillomavirus-Related Multiphenotypic Sinonasal Carcinoma**
Department of Otolaryngology-Head and Neck Surgery, Shuang Ho Hospital, Taiwan Cheng-Chieh Lu
- P18** **Small cell neuroendocrine carcinoma of nasopharynx in an adult: a case report**
Department of Otolaryngology-Head and Neck Surgery, Taipei Medical University-Shuang Ho Hospital, Taiwan Tsung-Ming Chen
- P48** **Early mobilization after microvascular free-flap reconstruction for head and neck cancer**
Changhua Christian Hospital, Otolaryngology-Head and Neck Surgery, Changhua City, Taiwan Yu-Shiuan Kuo
- P49** **Perivascular epithelioid cell tumor(PEComa) of major salivary gland**
Changhua Christian Hospital, Otolaryngology-Head and Neck Surgery, Changhua City, Taiwan Wen-Che Tsai

Poster 14:20 - 15:20

Laryngology

- P19** **Laryngopharyngeal reflux image quantization and analysis of its severity**
Department of Otolaryngology-Head and Neck Surgery Tri-Service General Hospital, National Defense Medical Center, Taiwan Sheng Chia Jou
- P20** **Two case of bilateral vocal cord paralysis as an early manifestation of multiple system atrophy**
Department of Otolaryngology, Saitama Medical University, Japan Tatsuro Sekine

Poster 14:20 - 15:20

Oral / Pharyngeal

- P21** **Associations between age and postoperative complications following tonsillectomy, Histopathological study**
Department of Otorhinolaryngology, Fukuoka University Chikushi Hospital, Japan Yuta Umeno
- P22** **A case of SAPHO syndrome: tonsillectomy as an effective treatment for arthralgia**
Department of Otolaryngology, Kindai University Faculty of Medicine, Japan Sena Horiguchi
- P23** **Expression of interleukin-33 is correlated with poor prognosis in patients with squamous cell carcinoma of the tongue**
Division of Otolaryngology, and Head & Neck Surgery, Graduate School of Medical Science, Kanazawa University, Japan Kazuya Ishikawa
- P24** **The effects of HBXIP on the Biological Functions of TSCCa Cell Line**
Department of Otorhinolaryngology, Juntendo University Faculty of Medicine, Japan / Department of Oral and Maxillofacial Surgery, Shengjing Hospital of China Medical University, Taiwan Xue Meng
- P25** **Analysis of AEBP1 in the microenvironment of head and neck squamous cell carcinoma**
Department of Otolaryngology, Sapporo Medical University School of Medicine, Japan Akira Yorozu

Poster 14:20 - 15:20

Others

- P26** **Sublingual immunization with phosphorylcholine reduces antigen specific IgE levels and nasal symptoms in allergic rhinitis model mice**
Department of Otolaryngology, Head and Neck Surgery Kagoshima University Graduate School of Medical and Dental Science, Japan Takao Makise
- P27** **Unique profiles of lesional B cell subsets underlie the pathogenesis of IgG4 related disease**
Department of Otolaryngology, Sapporo Medical University School of Medicine / Department of Human Immunology, Research Institute for Frontier Medicine, Sapporo Medical University School of Medicine, Japan Kosuke Murayama

- P28 CPAP for Prevention of Cardiovascular Events in Obstructive Sleep Apnea have similar effect as uvulopalatopharyngoplasty**
Taipei Medical University-Shuang Ho Hospital, Department of Otolaryngology / Department of Public Health, College of Medicine, Taipei Medical University, Taiwan Yi Chih Lin
- P29 OSA patient with Vertigo have higher risk of REM OSA**
Shuang Ho Hospital, Taiwan Po-Yueh Chen
- P30 Omni-suspension of the Soft Palate with Coblation Ablation of the Tongue (OSCA) for Obstructive Sleep Apnea**
Chang Gung Memorial Hospital, Taiwan Yi-An Lu
- P31 Applications of Portable Ultrasound in Remote Medical Care- Cathay Medical Mission Team in Fiji**
Department of Otolaryngology-Head and Neck Surgery, Cathay General Hospital, Taiwan Chih-Hsien Liu
- P32 Influence of vascular risk factors on balance function in a community-dwelling population in Japan**
Department of Otorhinolaryngology, Hirosaki University Graduate School of Medicine, Japan Yuri Mitsuhashi
- P33 A patient with intractable dizziness during psychiatric hospitalization whose condition improved with eperisone hydrochloride: a case report**
Dokkyo Medical University Saitama Medical Center, Japan Akiko Umibe

Poster

14:20 - 15:20

Otology

- P34 vHIT usefulness in the patients with unstable vestibular compensation**
Saitama Medical University, Japan Susumu Shindo
- P35 Immunohistological analysis of myeloid dendritic cell in the model animals of eosinophilic otitis media**
Department of Otorhinolaryngology, Hirosaki University Graduate School of Medicine, Japan Ryutarō Hara
- P36 Cochlear implantation in a case of POU4F3 gene mutation**
Department of Otorhinolaryngology, Head and Neck Surgery, Tokyo Medical University, Japan Keitaro Miyake
- P37 Cochlear implantation with local anesthesia**
Department of Otorhinolaryngology, International University of Health and Welfare, Mita Hospital, Japan Shogo Oyamada
- P38 Hyperbaric oxygen with steroid and prostaglandin E1 for idiopathic sudden sensorineural hearing loss**
Juntendo Hospital, Japan Satoshi Hara
- P39 Degradation and modification of cochlear gap junction proteins are crucial in early development of age-related hearing loss**
Department of Otorhinolaryngology, Juntendo University Faculty of Medicine, Japan Shori Tajima
- P40 Cortical responses to the sensory conflict between visual and rotary stimuli by fNIRS**
Department of Otorhinolaryngology, Head and Neck Surgery, Graduate school of Medicine and Pharmaceutical Sciences, University of Toyama, Toyama
Department of Otorhinolaryngology, Head and Neck Surgery, Graduate school of Medicine and Pharmaceutical Science, Japan Nghia Nguyen Trong
- P41 Epidemiology and risk factors of mortality in hospitalised patients with sudden sensorineural hearing loss: a 14-year nationwide population-based study**
Department of Otolaryngology-Head and Neck Surgery, Tri-Service General Hospital, National Defense Medical Center, Taipei, Taiwan Po-Jen Chen
- P42 A case of cholesteatoma associated with traumatic ear canal closure discovered 50 years after injury**
Department of Otorhinolaryngology-Head and Neck Surgery, Tokyo Medical University, Japan Ryoto Tomioka

Poster

14:20 - 15:20

Rhinology

P43

Withdrawn

P44

A case report of respiratory epithelial adenomatoid hamartoma without rhinosinusitis with improved olfaction after endoscopic sinus surgery

Department of Otorhinolaryngology, Kanazawa Medical University, Japan

Yukari Nakamura

P45

Rotenone nasal exposure may increase the risk of neurodegenerative diseases via enhanced olfactory transport of metals to the olfactory bulb

Department of Otorhinolaryngology, Kanazawa Medical University, Japan

Hideaki Shiga

P46

Clinical features and treatment results of the patients with olfactory disorders

Department of Otorhinolaryngology, Kanazawa Medical University, Ishikawa, Japan

Norishige Nishimae

P47

Clinical indication of nasal surgery for the CPAP intolerance in obstructive sleep apnea with nasal obstruction

Department of Otorhinolaryngology Second Hospital, Fujita Health University School of Medicine, Japan

Ayami Kimura

Room 1 (Main Hall)

December 7

Symposium 10

8:50 - 10:10

Dizziness

Moderators: Arata Horii (*Department of Otolaryngology Head and Neck Surgery, Niigata University, Japan*)
Jen-Tsung Lai (*ENT department Kung-Tien General Hospital, Taiwan*)

- SY10-1** **Changes in vertigo frequency and endolymphatic volumes after endolymphatic sac drainage surgery**
Department of Otolaryngology, Nara Medical University, Japan Tadashi Kitahara
- SY10-2** **Changes in cognitive function in patients with intractable dizziness following vestibular rehabilitation**
Department of Otorhinolaryngology, Tokai University, Japan Fumiyouki Goto
- SY10-3** **Persistent Postural-Perceptual Dizziness (PPPD): ICD-11-cited chronic vestibular syndrome**
Department of Otolaryngology Head and Neck Surgery, Niigata University, Japan Arata Horii
- SY10-4** **Vestibular Dysfunction in Patients with Idiopathic Sudden Sensorineural Hearing Loss**
Department of Otorhinolaryngology – Head and Neck Surgery, Kaohsiung Veterans General Hospital, Kaohsiung, Taiwan / Department of Otorhinolaryngology – Head and Neck Surgery, Chiayi Branch of Taichung Veterans General Hospital, Chiayi, Taiwan / School of Medicine, National Defense Medical Center, Taipei, Taiwan Sheng-Chiao Lin
- SY10-5** **Inner migraine and vertigo**
ENT Department Kung-Tien General Hospital, Taiwan Jen-Tsung Lai
- SY10-6** **Idol worship and reflection in vertiginous diseases**
Department of Otolaryngology-Head and Neck Surgery, Dalin Tzu Chi Hospital, Chiayi, Taiwan / School of Medicine, Tzu Chi University, Hualien, Taiwan Juen-Haur Hwang

Symposium 11

10:20 - 11:40

Head and Neck Benign

Moderators: Tomokazu Yoshizaki (*Department of Otolaryngology - Head and Neck Surgery, Kanazawa University, Japan*)
Sen-Tien Tsai (*Department of Otolaryngology, National Cheng Kung University Hospital, Taiwan*)

- SY11-1** **Percutaneous ethanol injection therapy in the treatment of thyroid cyst**
Office of the Thyroid Ultrasound Examinations, Fukushima Medical University School of Medicine / Department of Otolaryngology Head and Neck Surgery, Fukushima Medical University Hospital, Japan Takashi Matsuzuka
- SY11-2** **The current status of cervical schwannoma surgery and the attempt of reduction in postoperative neurological deficit**
Head and Neck Oncology Center, Showa University, Tokyo, Japan / Department of Oral and Maxillofacial Surgery, Division of Oral Oncology, Showa University, School of Dentistry, Japan Toshikazu Shimane
- SY11-3** **Fukui-style retro-auricular approach of Endoscopic thyroid surgery without robot**
Department of Otorhinolaryngology Head and neck surgery, University of Fukui, Japan Masafumi Kanno
- SY11-4** **Application of multi-arm or single-port robotic surgical systems for the trans-hairline approach of submandibular gland resection**
Department of Otolaryngology & Head Neck Surgery, National Taiwan University Hospital, Taiwan Tsung-Lin Yang
- SY11-5** **Ultrasound-Guided Fine-Needle Aspiration Drainage and Percutaneous Ethanol Injection for Benign Neck Cysts**
Department of Otolaryngology Head and Neck surgery, Far Eastern Memorial Hospital, New Taipei, Taiwan / Department of Electrical Engineering, Yuan Ze University, Taoyuan, Taiwan / Biomedical Engineering Office, Far Eastern Memorial Hospital, New Taipei, Taiwan Li-Jen Liao
- SY11-6** **The role of ultrasound of Pediatric head and neck**
Department of Otorhinolaryngology, Head and Neck Surgery, Changhua Christian Hospital, Changhua City, Taiwan Ming-Yu Hsieh

11:40 - 11:45

Closing Remarks

Room 2 (Hall 1,2)

December 7

Symposium 12

8:50 - 10:10

Pediatrics

Moderators: Yukiko Iino (Tokyo-kita Medical Center, Tokyo, Japan)

Kuo-Sheng Lee (Department of Otorhinolaryngology and Head & Neck surgery, Mackay Memorial Hospital, Taiwan)

SY12-1 Treatment of congenital cholesteatomas: Endoscopic ear surgery and the emergence of the exoscope

Department of Otolaryngology, Head and Neck Surgery, Yamagata University Faculty of Medicine, Yamagata, Japan

Tsukasa Ito

SY12-2 Evaluation of Airway problems for surgeries in patients with Mucopolysaccharidosis

Department of Otolaryngology, National Center for Child Health and Development, Japan

Noriko Morimoto

SY12-3 The new strategy for the pediatric severe allergic rhinitis: submucosal turbinatectomy and selective posterior nasal neurectomy combined with rush immunotherapy

Kansai Medical University Medical Center, Department of Otolaryngology, Head & neck surgery, Japan

Mikiya Asako

SY12-4 Pearls and Pitfalls in Transairline Da Vinci Robot-Assisted Excision of Cervical Lymphangioma

Department of Otolaryngology, Tungs' Taichung MetroHarbor Hospital / Department of Nutrition, Providence University,

Taiwan

Chin-Shaw Stella Tsai

SY12-5 Investigation and Management of Tracheal Deformity in Type IVA Mucopolysaccharidosis (Morquio-A Syndrome)

Department of Otorhinolaryngology and Head & Neck Surgery, Mackay Memorial Hospital, Taipei, Taiwan /

Medicine, Mackay Medical College, New Taipei city, Taiwan / Audiology and Speech-Language pathology,

Mackay Medical College, New Taipei city, Taiwan

Kuo-Sheng Lee

SY12-6 Autoimmune Diseases Represent a Comorbidity of Chronic Rhinosinusitis

Department of Otorhinolaryngology, China Medical University Hospital, Taichung, Taiwan /

Graduate Institute of Biomedical Sciences, China Medical University, Taichung, Taiwan

Liang-Chun Shih

Paper 15

10:20 - 11:00

Rhinology 3

Moderator: Shin-ichi Haruna (Department of Otorhinolaryngology, Head and Neck Surgery, Dokkyo Medical University, Japan)

O15-01 Free mucosal grafting of the inferior turbinate facilitates drainage pathways after extended frontal sinus surgeries

Department of Otorhinolaryngology, Head and Neck Surgery, Graduate School of Biomedical and Health Sciences,

Hiroshima University

Tomohiro Kawasumi

O15-02 Add-on Effect of Clarithromycin to Oral Steroids as Post-ESS Medical Therapy for CRSwNP – A Randomized Controlled Trial

Department of Otolaryngology Head and Neck Surgery, MacKay Memorial Hospital, Taipei, Taiwan

Chien-Fu Lin

O15-03 Combined usage of sinus ultrasound and sinus plain film for diagnosis of maxillary fungal sinusitis

Rhinology-Head Neck Surgery Division, Otolaryngology-Head and Neck Surgery Department, Taipei Veterans General

Hospital, Taipei, Taiwan

Nien-Hsuan Ho

O15-04 Management of invasive aspergillosis in paranasal sinus

Shimane University, Japan

Hideyuki Kawauchi

Paper 16

11:00 - 11:30

Laryngology 3

Moderator: Ryuzaburo Higo (*Department of Otorhinolaryngology, Juntendo University Urayasu Hospital, Japan*)

O16-01 **Vocal fold steroid injection for benign vocal lesions in stage performers**

Department of Otolaryngology Head and Neck Surgery, Far Eastern Memorial Hospital, New Taipei, Taiwan

Chien-Hao Wu

O16-02 **Negative Pressure Pulmonary Edema after Vocal Augmentation**

Department of Otolaryngology, Taipei Tzu Chi Hospital, Taipei, Taiwan; School of Medicine, Tzu Chi University, Hualien, Taiwan

Yun-Chen Huang

O16-03 **A case of Relapsing Polychondritis presenting with acute respiratory distress**

Kansai Medical University Otolaryngology Head and Neck Surgery, Japan

Chihiro Matsuoka

Room 3 (Hall 3)

December 7

Paper 17

8:50 - 9:30

Head and Neck 6

Moderator: **Yorihisa Orita** (*Department of Otolaryngology-Head and Neck Surgery, Kumamoto University Graduate School of Medical Sciences, Japan*)

O17-01 The buccal space: a review of anatomy and pathology

Royal Victorian Eye & Ear Hospital / Westmead Hospital, Australia

Zubair Hasan

O17-02 The running pattern of cervical transverse arteries can be estimated using computed tomography imaging

Department of Otolaryngology - Head and Neck Surgery, Faculty of Medicine and Graduate school of Medicine, Hokkaido University, Japan

Nayuta Tsushima

O17-03 Drainless Thyroidectomy: Our Preliminary Experience

Taipei Municipal Wanfang Hospital, Department of Otolaryngology and Head & neck Surgery, Taiwan

Shao Chen Tsai

O17-04 Facial nerve monitoring during partial parotidectomy; Anterograde and retrograde facial nerve dissection approach

Kansai Medical University, Otolaryngology, Head and Neck Surgery, Japan

Masao Yagi

Paper 18

9:30 - 10:00

Head and Neck 7

Moderator: **Yuichiro Kuratomi** (*Department of Otolaryngology-Head and Neck Surgery, Saga University Faculty of Medicine, Japan*)

O18-01 Primary Sarcoma of the Larynx: A Rare Cause of Out-of-Hospital Cardiac Arrest

Department of Otolaryngology-Head and Neck Surgery, Wan Fang Medical Center, Taipei Medical University, Taipei, Taiwan

Sheng-Kai Lin

O18-02 Right Thyroid Hemiagenesis with Lingual Thyroid Ectopia - a Case Report

Far Eastern Memorial Hospital, Taiwan

Pohsuan Wu

O18-03 A case of parotid salivary duct stenosis treated by sialendoscopy

Department of Otolaryngology-Head and Neck Surgery, Kumamoto University Graduate School of Medicine, Japan

Haruki Saito

Paper 19

10:20 - 11:00

Otology 4

Moderator: **Tsukasa Ito** (*Department of Otolaryngology, Head and Neck Surgery, Yamagata University Faculty of Medicine, Japan*)

O19-01 Surgical indication for the inner ear malformation associated with bacterial meningitis

Jichi Medical University, Japan

Mari Dias

O19-02 Round window vs cochleostomy approach for Cochlear Implant. The ongoing debate: a literature review

The Royal Victorian Eye and Ear Hospital, Australia

Tasfia Saief

O19-03 The prevalence of endolymphatic hydrops following cochlear implantation

The Royal Victorian Eye and Ear Hospital, Australia

Syeda Tasfia Saief

O19-04 Clinical feasibility of auditory processing tests in Japanese older adults: a pilot study

Department of Otolaryngology-Head and Neck Surgery, Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Sciences, Japan

Shohei Fujimoto

Paper 20

11:00 - 11:40

Otology 5

Moderator: **Nozomu Matsumoto** (*Department of Otorhinolaryngology, Graduate School of Medical Sciences, Kyushu University, Fukuoka, Japan*)

- O20-01** **Psychiatric comorbidity in patients with tinnitus or auditory hallucination and sound therapy**
Department of Otorhinolaryngology and Psychiatry, Yoshida Hospital / Department of Otorhinolaryngology, Head & Neck Surgery, Faculty of Medicine, University of Miyazaki, Japan Kensuke Kiyomizu
- O20-02** **Risk factors for the development of pars tensa cholesteatoma from adhesive otitis media in children**
Tokyo-kita Medical Center, Japan Saeko Yoshida
- O20-03** **Persistent stapedia artery with stapes ankylosis**
Jichi Medical University, Jichi Children's Medical Center Tochigi, Japan Makoto Ito
- O20-04** **A case of nasopharynx carcinoma with ocular flutter**
Tokyo Medical University Hachioji Medical Center, Japan Yusuke Aihara