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## Welcome Message



Dear Colleagues,

On behalf of the organizing committee, it is our great pleasure to formally announce the 12<sup>th</sup> East Asian Conference on Phonosurgery (EACP) will be held in Chiayi, October 16 (Fri)-17 (Sat), 2020.

EACP is a biennial event which to be held in Japan, Korea and Taiwan since 1995. It is always the best platform for sharing the knowledge of voice science, the experience of surgery and health care as well. The participants on EACP are like family members. After the last great successful meeting in Busan, Korea, we are hence looking forward to the reunion in the coming one at Chiayi, Taiwan.

This year in 2020, we face a tough and difficult moment of COVID-19 pandemic. 2020 EACP is forced to present in online meeting combine on-site meeting, it is a different way from the past. Although we cannot meet each other face to face this year, our friendship will still continue to endure.

I am sincerely looking forward to welcoming you to participant the 12th EACP 2020 either online (overseas participants) or on-site (domestic participants) at Chiayi.

A handwritten signature in black ink that reads "Tuan-Jen Fang". The signature is written in a cursive, flowing style.

Tuan-Jen Fang, MD, FICS

Congress president

12th East Asian Conference on Phonosurgery (EACP)

President

Taiwan Voice Society

# Congratulation Message from Japan



Dear Colleagues,

On behalf of the Japan board members of the East Asian Conference on Phonosurgery (EACP), I would like to congratulate President Professor Tuan-Jen Fang and the organizing committee on holding the 12<sup>th</sup> EACP in Chiayi, during October 16 (Fri)-17 (Sat), 2020.

The EACP has always been an outstanding biennial event held in Taiwan, Korea and Japan. This conference has been playing the important role not only by providing a hub for exchanging the cutting-edge scientific information and clinical experiences but also by deepening our friendship.

We were very looking forward to visiting Chiayi, however, due to Covid-19 pandemic, regrettably we are not able to come. Although we are not there physically, we, Japan team, will send our passion for phonosurgery through online!

We really hope that the 12<sup>th</sup> EACP will be successful, fruitful and memorable.

Warmest regards,

A handwritten signature in black ink, appearing to read 'A. Shiotani', with a horizontal line extending to the right.

Akihiro Shiotani, MD  
Japan board member of the EACP  
President, Japan Bronchoesophageal Society  
Past President, Japan Laryngological Association

## Congratulation Message from Korea



Dear Colleagues,

As a president of the Korean Society of Laryngology, Phoniatics and Logopedics, I sincerely congratulate the 12th EACP meeting to be held in Taiwan.

I know that Chiayi is the historical and beautiful city of Taiwan surrounded by scenic hills, forests and river. I would like to attend the meeting and share academic information and friendship with colleagues, but I am very sorry for not being able to attend the 12<sup>th</sup> EACP meeting due to COVID-19. Although we face a difficult situation due to COVID-19, I have no doubts that the EACP will be held successfully with dedication of organizing committee. I will be together with you colleagues online.

With COVID-19, our daily lives are changing rapidly. Sometimes, these changes can make it difficult. However, I firmly believe that the 12<sup>th</sup> EACP meeting will not change that it will play an important role in promoting the exchange of academic information and the friendship for laryngologists in Taiwan, Japan and Korea.

Congratulations again on the successful online 12<sup>th</sup> EACP meeting held in Chiayi during the difficult time of the global COVID-19 crisis.

Thank you.

*Lee Byung Joo*

Byung-Joo Lee

President

The Korean Society of Laryngology, Phoniatics and Logopedics

# General Information

<b>Meeting date</b>
Pre-conference workshop: Oct. 16, 2020 Main-Conference: Oct. 17, 2020
<b>Meeting type</b>
Online Meeting (for Overseas Participants) On-site Meeting (for Domestic Participants)
<b>Venue</b>
Conference Hall, Chiayi Chang Gung Memorial Hospital, Chiayi, Taiwan No. 6, Sec. W., Jiapu Rd., Puzi City, Chiayi County 613, Taiwan (R.O.C.)
<b>Official language</b>
Pre-conference workshop: Oct. 16, 2020 (English PPT & Mandarin Presentation) Main-conference: Oct. 17, 2020 (English PPT & Presentation)
<b>Organizer</b>
Taiwan Voice Society
<b>Co-Organizer</b>
Department of Otolaryngology, Chiayi Chang Gung Memorial Hospital
<b>Secretariat</b>
Lead Group PCO Ms. Celine Wang Tel: +886-7-285-0878 Fax: +886-7-287-3590 Mobile: +886-917-551-751 E-mail: <a href="mailto:eacp2020@gmail.com">eacp2020@gmail.com</a>

# Organizing Committee

## Local Organizing Committee

EACP Organizing Committee		
President	Tuan-Jen Fang	Chang-Gung Memorial Hospital, Linkou
Vice-President	Cheng-Ming Hsu	Chang-Gung Memorial Hospital, Chia-Yi
Secretary General	Li-Jen Hsin	Chang-Gung Memorial Hospital, Linkou
Academic Director	Chi-Te Wang	Far Eastern Memorial Hospital
	Yen-Bin Hsu	Taipei Veterans General Hospital
Financial Officer	Wan-Ni Lin	Chang-Gung Memorial Hospital, Linkou
Vice-Secretary General	Ming-Shao Tsai	Chang-Gung Memorial Hospital, Chia-Yi
Members	Cristiane Hsu	Asia University
	Shin-Yi (Joyce) Su	Chang-Gung Memorial Hospital, Taipei
	Chao-Fe Chang	Hoag Memorial Hospital, Presbyterian and Irvine, CA, USA

Taiwan Voice Society Organizing Committee		
President	Tuan-Jen Fang	Chang-Gung Memorial Hospital, Linkou
Director	Pen-Yuan Chu	Taipei Veterans General Hospital
	Chen-Chi Wang	Taichung Veterans General Hospital
	Li-Mei Wang	Taipei Veterans General Hospital
	Cheng-Ming Hsu	Chang-Gung Memorial Hospital, Chia-Yi
	Sheng Hwa Chen	Asia University, Taiwan
	Wei-Chung Hsu	National Taiwan University Hospital
	Sherry Fu	Taipei American School
	Yung-An Tsou	China Medical University, Taiwan
	Li-Chun Hsiao	Dr. Yeung's Ent & Voice Clinic
	Ching-Ting Tan	National Taiwan University Hospital
	Yen-Bin Hsu	Taipei Veterans General Hospital

<b>Taiwan Voice Society Organizing Committee</b>		
	Chi-Te Wang	Far Eastern Memorial Hospital
	Li-Jen Hsin	Chang-Gung Memorial Hospital, Linkou
Supervisor	Yueng-Hsiang Chu	Tri-Service General Hospital
	Li-Chun Hsieh	Mackay Memorial Hospital, Taipei
	Chi-Fen Chang	National Taiwan University Hospital
	Wan-Ni Lin	Chang-Gung Memorial Hospital, Linkou
	Wen-Hsuan Tseng	National Taiwan University Hospital
	Feng-Chuan Lin	Far Eastern Memorial Hospital
Secretary General	Li-Ang Lee	Chang-Gung Memorial Hospital, Linkou
Vice-Secretary General	Yi-Chan Lee	Chang-Gung Memorial Hospital, Linkou

### **International Organizing Committee**

Board of EACP

<b>Board Member</b>		
Korea	Sung-Min Chung	Ewha Womans University, Seoul
	Ki-Hwan Hong	Chonbuk National University, Jeonju
	Sung-Min Jin	Sungkyunkwan University School of Medicine, Seoul
	Young-Hak Park	The Catholic University of Korea, Seoul
	Myung-Whun Sung	Seoul National University, Seoul
	Young-Ik Son	Sungkyunkwan University School of Medicine, Seoul
Taiwan	Tzu-Yu Hsiao	National Taiwan University Hospital, Taipei
	Ka-Wo Lee	Kaohsiung Medical University, Kaohsiung
	Hseuh-Yu Li	Chang-Gung Memorial Hospital, Linkou
	Tzer-Zen Hwang	E-Da Hospital, Kaohsiung
	Pen-Yuan Chu	Taipei Veteran General Hospital, Taipei
	Kuo-Sheng Lee	Taipei MacKay Memorial Hospital, Taipei
Japan	Masamitsu Hyodo	Kouchi University, Kochi
	Yukio Katori	Tohoku University, Sendai

Board Member		
	Koichi Omori	Kyoto University, Kyoto
	Akihiro Shiotani	National Defense Medical College, Saitama
	Niro Tayama	National Center for Global Health and Medicine, Tokyo
	Hirohito Umeno	Kurume University, Kurume

Honorary Board Members		
Korea	Hwoe-Young Ahn	Gangreung Dong-In Hospital
	Seung-Ho Cho	Yangpyung Rehabilitation Hospital
	Hong-Shik Choi	Jeil ENT Clinics
	Won-Pyo Hong	Yatap ENT Clinics
	Kwang-Hyun Kim	Bundang Jesaeng Hospital
	Kwang-Moon Kim	Yonsei ENT Clinics
	Soo-Geun Wang	Pusan National University
Taiwan	Shyue-Yih Chang	Cheng-Hsin General Hospital, Taipei
Japan	Hiroyuki Fukuda	Tokyo Voice Center, Tokyo
	Yasuo Hisa	Kyoto Gakuen University, Kyoto
	Sotaro Komiyama	Professor Emeritus of Kyushu University, Fukuoka
	Seiji Niimi	International University of Health and Welfare, Otawara
	Masahiro Tanabe	Isshiki Clinic, Kyoto
	Eiji Yumoto	Kumamoto University, Kumamoto



## Program at a Glance

Date & Time	<b>Oct. 16</b>
	<b>International Lecture Hall</b>
12:30-16:30	Registration
13:25-13:30	Workshop Opening
13:30-14:10	<b>Workshop Symposium 01</b>
	Speak out
14:10-14:50	Evidence-Based Practice in LSVT: Changes in physiology and neurophysiology of voice, speech and swallowing
14:50-15:10	Coffee Break
15:10-15:50	<b>Workshop Symposium 02</b>
	Voice therapy for children
15:50-16:30	<b>Workshop Symposium 03</b>
	Delivery of voice and swallowing therapy via telepractice during COVID-19 pandemic
16:30-17:10	Instrumental swallowing assessments: roles and responsibilities of Speech-Language Pathologists

Date & Time	Oct. 17
	<b>International Lecture Hall</b>
09:00-09:10	Opening
	<b>Special Lecture 01</b>
09:10-09:30	Introduction to the FEES procedure <i>Speaker: Susan E. Langmore, USA</i>
	<b>Symposium 01</b>
09:30-10:00	Updates in the evaluation tools on laryngeal disorders
	<b>Keynote Speech 01</b>
10:00-10:20	Office-based surgery for vocal fold polyp <i>Speaker: Yen-Bin Hsu, Taiwan</i>
	<b>Symposium 02</b>
10:20-10:50	Functional outcomes in the treatment for laryngeal pathology
	Group Photo
10:50-11:10	Coffee Break
	<b>Keynote Speech 02</b>
11:10-11:30	From developing to developed laryngeal/vocal clinic in one university hospital-the Kyorin University experience- <i>Speaker: Koichiro Saito, Japan</i>
	<b>Theme 01</b>
11:30-12:40	Vocal palsy and laryngeal framework surgery
	Luncheon Seminar
12:40-13:30	Application of energy-based vessel ligation device in head and neck surgery
	<b>Theme 02</b>
13:30-14:30	Voice and swallow following head and neck surgery
	<b>Keynote Speech 03</b>
14:30-14:50	Management of dysphagia and dysphonia following high vagal paralysis <i>Speaker: Young-Hak Park, Korea</i>
	<b>Symposium 03</b>
14:50-15:20	Advances, novel techniques and new technology
	Coffee Break
15:20-15:40	
	<b>Theme 03</b>
15:40-16:20	Phonosurgery
	<b>Theme 04</b>
16:20-17:00	Voice disorders
17:00-17:10	Closing

# Daily Program

## Day 1, Oct. 16, International Lecture Hall

Friday, Oct. 16, 2020	
International Lecture Hall	
12:30-16:30	Registration
13:25-13:30	Workshop Opening
13:30-14:10	<b>Workshop Symposium 01</b> <i>Moderators: Shin-Yi (Joyce) Su, Taiwan</i> <b>WS01-S1</b> <b>Speak out</b> <i>Speaker: Chiao-Fei Chang, USA</i>
14:10-14:50	<b>WS01-S2</b> <b>Evidence-Based Practice in LSVT: Changes in physiology and neurophysiology of voice, speech and swallowing</b> <i>Speaker: Cristiane Hsu, Taiwan</i>
14:50-15:10	Coffee Break
15:10-15:50	<b>Workshop Symposium 02</b> <i>Moderators: Yi-Jen Chen, Taiwan</i> <b>WS02-S1</b> <b>Voice Therapy for Children</b> <i>Speaker: Li-Chun Hsiao, Taiwan</i>
15:50-16:30	<b>Workshop Symposium 03</b> <i>Moderators: Li-Mei Wang, Taiwan</i> <b>WS03-S1</b> <b>Delivery of voice and swallowing therapy via telepractice during COVID-19 pandemic</b> <i>Speaker:</i> <i>Sherry Fu, Taiwan &amp; Clare Burns, Australia</i>
16:30-17:10	<b>Workshop Symposium 04</b> <i>Moderators: Mei-Ju Ko, Taiwan</i> <b>WS04-S1</b> <b>Instrumental swallowing assessments: Roles and responsibilities of Speech-Language Pathologists</b> <i>Speaker: Yuan-Hao Hsu, Taiwan</i>

**Day 2, Oct. 17, International Lecture Hall**

Saturday, Oct. 17, 2020	
International Lecture Hall	
<b>09:00-09:10</b>	<b>Opening Ceremony</b>
<b>09:10-09:30</b>	<b>Special Lecture 01</b> <i>Moderators: Tzu-Yu Hsiao, Taiwan &amp; Tuan-Jen Fang, Taiwan</i> <b>SL01-1</b> Introduction to the FEES procedure <i>Speaker: Susan E. Langmore, USA</i>
<b>09:30-10:00</b>	<b>Symposium 01</b> <b>Updates in the evaluation tools on laryngeal disorders</b> <i>Moderator: Ka-Wo Lee, Taiwan</i> <i>Commenter: Seung-Won Lee, Korea</i> <b>S01-1</b> <b>Clinical application of multi-functional laryngeal examination system</b> <i>Speaker: Jin-Choon Lee, Korea</i> <b>S01-2</b> <b>An update on intraoperative computed tomography imaging for laryngoplasty: a patient review</b> <i>Speaker: Masanobu Mizuta, Japan</i> <b>S01-3</b> <b>Ultrasonic assessment of the outcome after injection laryngoplasty for patients with unilateral vocal cord paralysis</b> <i>Speaker: Wen-Hsuan Tseng, Taiwan</i>
<b>10:00-10:20</b>	<b>Keynote Speech 01</b> <i>Moderator: Tzer-Zen Hwang, Taiwan</i> <i>Commenter: Pen-Yuan Chu, Taiwan</i> <b>K01</b> <b>Office-based surgery for vocal fold polyp</b> <i>Speaker: Yen-Bin Hsu, Taiwan</i>
<b>10:20-10:50</b>	<b>Symposium 02</b> <b>Functional outcomes in the treatment for laryngeal pathology</b> <i>Moderator: Wei-Chung Hsu, Taiwan</i> <i>Commenter: Ichiro Tateya, Japan</i> <b>S02-1</b> <b>Clinical and pathological impact of intralesional cidofovir injection for patients with recurrent respiratory papillomatosis</b> <i>Speaker: Takashi Kurita, Japan</i> <b>S02-2</b> <b>New era of 532-nm angiolytic laser application in laryngeal surgery</b> <i>Speaker: Jae-Yol Lim, Korea</i> <b>S02-3</b> <b>Clinical efficacy of combined treatment of fat grafting and platelet lysate for glottic insufficiency</b> <i>Speaker: Yung-An Tsou, Taiwan</i>

Saturday, Oct. 17, 2020	
International Lecture Hall	
10:50-11:10	<b>Group Photo</b> <b>Coffee Break</b>
11:10-11:30	<b>Keynote Speech 02</b> <i>Moderator: Hsueh-Yu Li, Taiwan</i> <i>Commenter: Akihiro Shiotani, Japan</i> <b>K02</b> <b>From developing to developed laryngeal/vocal clinic in one university hospital -the Kyorin University experience-</b> <i>Speaker: Koichiro Saito, Japan</i>
11:30-12:40	<b>Theme 01</b> <b>Vocal palsy and laryngeal framework surgery</b> <i>Moderator: Kuo-Sheng Lee, Taiwan &amp; Ching-Ting Tan, Taiwan</i> <i>Commenter: Sung-Min Jin, Korea</i> <b>Free Papers</b> <b>T1-O1</b> <b>Iatrogenic vocal fold paralysis - a population-based cohort study in Taiwan</b> <i>Presenter: Yin-Chien Tseng, Taiwan</i> <b>T1-O2</b> <b>Quantitative Laryngeal Electromyography (LEMG) In unilateral vocal fold paralysis: developing normative values using the opposite normal mobile vocal fold</b> <i>Presenter: Irise Chen, Malaysia</i> <b>T1-O3</b> <b>Comparison of outcome and voice analysis between thyroplasty and injection laryngoplasty for unilateral vocal fold palsy</b> <i>Presenter: Hou-Kuang Chen, Taiwan</i> <b>T1-O4</b> <b>A novel adjustable device for laryngeal framework surgery: design concept and an animal study</b> <i>Presenter: Ying-Ta Lai, Taiwan</i> <b>T1-O5</b> <b>Analysis of laryngeal dimensions for a novel adjustable device for laryngeal framework surgery</b> <i>Presenter: Sheng-Po Yuan, Taiwan</i> <b>Invited Lectures</b> <b>T1-S1</b> <b>Preliminary results of a prevent VOIS in patients with unilateral vocal fold paralysis</b> <i>Speaker: Li-Chun Hsieh, Taiwan</i> <b>T1-S2</b> <b>The choice between non-selective laryngeal reinnervation and thyroplasty in UVFP</b> <i>Speaker: Marina Mat Baki, Malaysia</i>

<b>Saturday, Oct. 17, 2020</b>	
<b>International Lecture Hall</b>	
	<p><b>T1-S3</b>  <b>Cricoid surgery for revision of vocal fold paralysis following arytenoid adduction</b>  <i>Speaker: Shigeru Hirano, Japan</i></p>
<b>12:40-13:30</b>	<p><b>Luncheon Seminar 01</b>  <i>Moderators: Pei-Jen Lou, Taiwan &amp; Chih-Yen Chien, Taiwan</i></p>
	<p><b>LS01</b>  <b>Application of energy-based vessel ligation device in head and neck surgery</b>  <i>Speaker: Chun-Nan Chen, Taiwan</i></p>
<b>13:30-14:30</b>	<p><b>Theme 02</b>  <b>Voice and swallow following Head and Neck Surgery</b>  <i>Moderator: Li-Ang Lee, Taiwan &amp; Yi-Shing Leu, Taiwan</i>  <i>Commenter: Koji Araki, Japan</i></p>
	<p><b>Free Papers</b></p>
	<p><b>T2-O1</b>  <b>Dysphagia boot camp for management of oropharyngeal squamous cell carcinoma</b>  <i>Presenter: Laishyang (Melody) Ouyoung, USA</i></p>
	<p><b>T2-O2</b>  <b>One-step resection and reconstruction of advanced tongue/tongue base cancer for laryngopharyngeal function preservation</b>  <i>Presenter: Tzu-Chiang Lee, Taiwan</i></p>
	<p><b>T2-O3</b>  <b>Speech performance after anterolateral thigh phonatory tube reconstruction for total laryngectomy</b>  <i>Presenter: Yi-An Lu, Taiwan</i></p>
	<p><b>T2-O4</b>  <b>Voice parameters change in patients with recurrent laryngeal nerve injury after thyroid surgery</b>  <i>Presenter: Tzu-Yen Huang, Taiwan</i></p>
	<p><b>T2-O5</b>  <b>Correlation between objective and subjective high-pitched voice impairment in patients received thyroid surgery</b>  <i>Presenter: Hsin-Yi Tseng, Taiwan</i></p>
	<p><b>Invited Lectures</b></p>
	<p><b>T2-S1</b>  <b>Effect of chin-down maneuver on esophageal cancer patients suffering from swallowing dysfunction following esophagectomy</b>  <i>Speaker: Yoshihiko Kumai, Japan</i></p>
	<p><b>T2-S2</b>  <b>Conducting clinical swallowing examinations via telepractice</b>  <i>Speaker: Clare Burns, Australia</i></p>

<b>Saturday, Oct. 17, 2020</b>	
<b>International Lecture Hall</b>	
<b>14:30-14:50</b>	<b>Keynote Speech 03</b> <i>Moderator: Chen-Chi Wang, Taiwan</i> <i>Commenter: Byung-Joo Lee, Korea</i>
	<b>K03</b> <b>Management of dysphagia and dysphonia following high vagal paralysis</b> <i>Speaker: Young-Hak Park, Korea</i>
<b>14:50-15:20</b>	<b>Symposium 03</b> <b>Advances, novel techniques and new technology</b> <i>Moderator: Guo-She Lee, Taiwan</i> <i>Commenter: Sang-Hyuk Lee, Korea</i>
	<b>S03-1</b> <b>Novel techniques for transoral video-laryngoscopic arytenoid adduction and thyroplasty type I with calcium phosphate cement for unilateral vocal cord palsy.</b> <i>Speaker: Kosuke Uno, Japan</i>
	<b>S03-2</b> <b>Application of deep learning technology on laryngoscope images</b> <i>Speaker: Seung-Ho Choi, Korea</i>
	<b>S03-3</b> <b>Ambulatory phonation monitoring using wireless microphone and speech energy envelope</b> <i>Speaker: Chi-Te Wang, Taiwan</i>
<b>15:20-15:40</b>	<b>Coffee Break</b>
<b>15:40-16:20</b>	<b>Theme 03</b> <b>Phonosurgery</b> <i>Moderator: Li-Jen Hsin, Taiwan &amp; Chen-Ming Hsu, Taiwan</i> <i>Commenter: Shun-Ichi Chitose, Japan</i>
	<b>Invited Lectures</b>
	<b>T3-S1</b> <b>Optimal animal models in laryngology</b> <i>Speaker: Han-Su Kim, Korea</i>
	<b>T3-S2</b> <b>Surgical management for Abductor spasmodic dysphonia</b> <i>Speaker: Shinya Hiroshiba, Japan</i>
	<b>Free Papers</b>
	<b>T3-O1</b> <b>Regenerative features of autologous fat injection in atrophic vocal fold patients</b> <i>Presenter: Chih-Hui Chang, Taiwan</i>
	<b>T3-O2</b> <b>Low-dose LEMG-guided Botulinum Toxin Type A Injection for Intractable Vocal Process Granulomas</b> <i>Presenter: Che-Fang Ho, Taiwan</i>

<b>Saturday, Oct. 17, 2020</b>	
<b>International Lecture Hall</b>	
	<p><b>T3-O3</b>  <b>Exploring the patterns of mandarin creaky voice in patients receiving phonosurgery</b>  <i>Presenter: Ting-Shou Chang, Taiwan</i></p>
<b>16:20-17:00</b>	<p><b>Theme 04</b>  <b>Voice Disorders</b>  <i>Moderator: Li-Chun Hsieh, Taiwan &amp; Feng-Chuan Lin, Taiwan</i>  <i>Commenter: Roger W. Chan, Taiwan</i></p>
	<b>Free Papers</b>
	<p><b>T4-O1</b>  <b>Artificial intelligence application for vocal fold disease prediction through voice recognition</b>  <i>Presenter: Hao-Chun Hu, Taiwan</i></p>
	<p><b>T4-O2</b>  <b>Preferences in nomenclature of benign vocal fold lesions between laryngologists in East Asia: an international survey</b>  <i>Presenter: Hung-Chin Chen, Taiwan</i></p>
	<p><b>T4-O3</b>  <b>Assessment of nasalance in healthy mandarin speakers and chronic rhinosinusitis patients</b>  <i>Presenter: Yi-An Pan, Taiwan</i></p>
	<p><b>T4-O4</b>  <b>The changes of nasalance in patients with chronic rhinosinusitis received endoscopic sinus surgery</b>  <i>Presenter: I Fang, Taiwan</i></p>
	<p><b>T4-O5</b>  <b>A Phonetic study of obstruent variation in people with adductor spasmodic dysphonia</b>  <i>Presenter: Tzu-Pei Tsai, Taiwan</i></p>
<b>17:00-17:10</b>	<b>Closing Ceremony</b>
<b>18:00-21:00</b>	<b>Gala Dinner</b> <i>Venue: Palace Ballroom, 1F, Evergreen Palace Hotel, Chiayi</i>

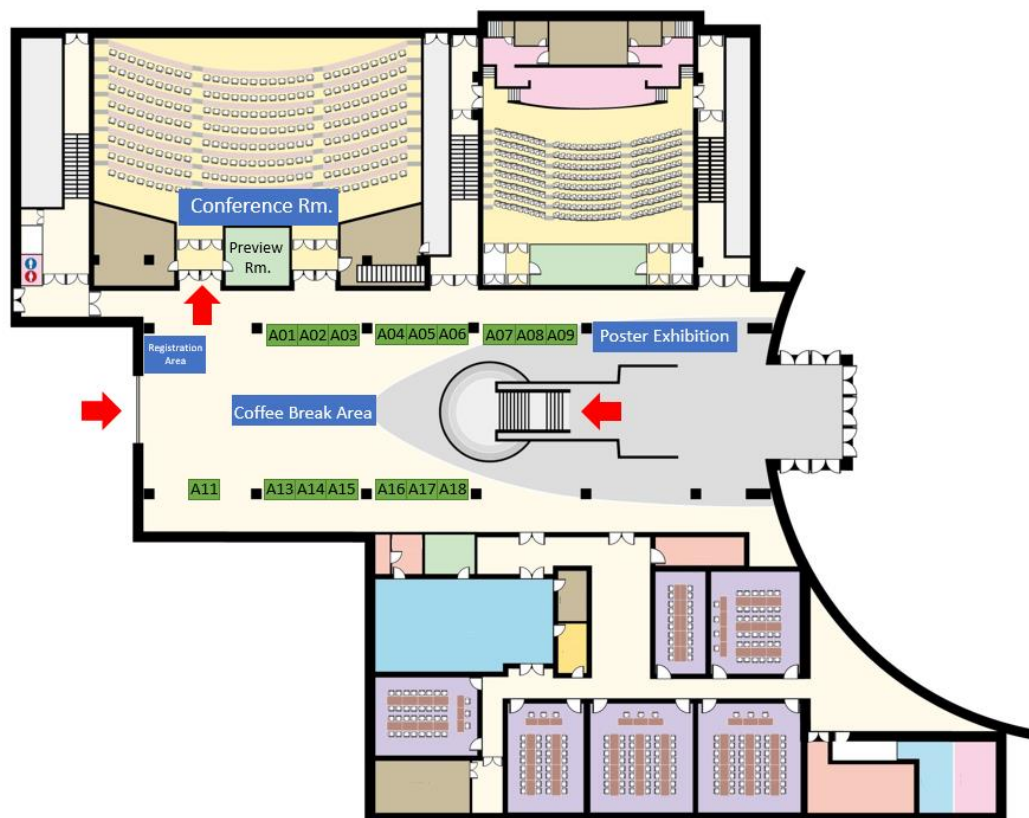


# Poster Exhibition

No.	Abstract Title	Author
OP01	上皮樣血管瘤	Chih-Ling Chen, Taiwan
OP02	The investigational study of nasal cavity acoustic feature and sound field with the analysis of frequency and amplitude response	Shuwei Tsai, Taiwan
OP03	Use of Modified Killian Method to Expose the Hypopharynx: A Meta-analysis	Yichan Lee, Taiwan
OP04	Image Evaluation of Benign Laryngeal Lesions Managed Through the use of Steroid Vocal Injections	David Shang-Yu Hung, Taiwan
OP05	Acute dysphagia-Case report	Li-Tzu Tu, Taiwan
OP06	Maximum and Minimum Phonatory Glottal Area Before and After Treatment for Vocal Nodules	Ang Lu, Taiwan
OP07	Pneumonia risk of UVFP patients with or without treatment	Ming-Shao Tsai, Taiwan
OP08	Validity and reliability of Bahasa Malaysia version of self-evaluation of communication experiences after laryngectomy (SECEL) questionnaire	Nadhirah Mohd Shakri, Malaysia
OP09	ABCLOVE Voice Outcomes with Thyroidectomy Patients	Laishyang(Melody) Ouyoung, USA
OP10	Voicing in Bilateral Vocal Palsy and Laryngeal Stenosis: Ten Years' Experience in a Single Tertiary Hospital	Yueng-Hsiang Chu, Taiwan
OP11	Two trajectories of functional recovery in thyroid surgery-related unilateral vocal fold paralysis	Wei-Ting Chen, Taiwan
OP12	Voice Impact of Pathological Result for Patients after Total Thyroidectomies	Cheng-Hsin Liu, Taiwan
OP13	The effect of swallowing and voice function on patient with thyroplasty	Chuchun Huang, Taiwan
OP14	Stapler Closure versus Manual Closure in Total Laryngectomy for Laryngeal cancer: A Systematic Review and Meta-Analysis	Yichan Lee, Taiwan
OP15	The Impact of Cricothyroid Involvement on Adductor Recovery in Unilateral Vocal Fold Paralysis	Feng-Chi Hsieh, Taiwan
OP16	Repeated augmentation of vocal fold in acute unilateral vocal palsy: Does the molecular weight of the hyaluronic acid matter?	Yichieh Lee, Taiwan

<b>No.</b>	<b>Abstract Title</b>	<b>Author</b>
OP17	Treatment outcome of advanced thyroid cancer with tracheal invasion--our preliminary experience	Erh-Chien Hung, Taiwan
OP18	Timing of Hyaluronic Acid Injection Laryngoplasty in Patients with Permanent Vocal Palsy	Ching-Yu Tsai, Taiwan

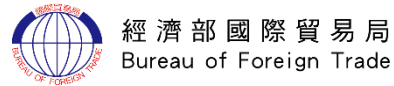
# Floor Plan



Booth No.	Company
A01~A03	Pentax Medical Singapore Pte. Ltd
A04~A06	Medtronic (Taiwan) Ltd.
A07	Good Care Biotech Ltd.
A08、A09	Yuanyu Group Co., Ltd.
A11	TTY Biopharm Co., Ltd.
A13	Johnson & Johnson Medical Taiwan Ltd.
A14~A15	Chiu Ho Medical System Co., Ltd.
A16~A18	Lumenis Taiwan Ltd.

# Acknowledgement

## Governments



## Companies



# Memo

# Memo

# Memo