

一一〇年八月二十八日 星期六 線上會議				
Place Time	Room 1	Room 2	Room 3	Room 4
	TRS 2021 年會網站 https://www.rsroc.org.tw/2021/			
08:30~10:00 (90 min)	Free paper MS 08:30~09:20	Special Lecture IR I & II	Asia Pacific Emergency Radiology	Free paper BR 08:30~09:05
				Special Lecture BR I 09:10~09:50
10:00~10:10 (10 min)	Coffee Break			
10:10~11:00 (50 min)	Plenary Session President's Address - Act now for teleradiology services 陳榮邦理事長 New Horizons Lecture - Move from TALENT to National Lung Cancer Screening in Taiwan陽泮池院士			
11:00~12:30 (90 min)	Special Lecture MS I	Special Lecture IR III	Special Lecture CH	Special Lecture BR II
12:30~13:30 (60 min)	Lunch Symposium			
13:30~15:00 (90 min)	Special Lecture AB I	JRS-TRS Joint Symposium	Asia Pacific Emergency Radiology	Special Lecture CV I 13:30~15:10
15:00~15:30 (20 min)	Coffee Break			
15:30~17:00 (90 min)	Special Lecture AB II 15:30~15:50	Special Lecture IR IV 15:30~16:00		Free paper CV 15:30~16:15
	Free paper AB I 15:50~17:00	Free paper IR 16:00~17:05		Special Lecture CV II 16:15~17:10

一一〇年八月二十九日 星期日 線上會議				
Place Time	Room 1	Room 2	Room 3	Room 4
	TRS 2021 年會網站 https://www.rsroc.org.tw/2021/			
08:40~10:10 (90 min)	Free paper AB II 08:40~09:35	International Prostate Imaging Educational Program and Symposium	Free paper CH 08:40~10:20	Free paper NR I - Function 08:40~10:15
	Free paper ER & IT & SA 09:40~10:10			
10:10~10:30 (20 min)	Coffee Break			
10:30~12:00 (90 min)	Special Lecture MS II	International Prostate Imaging Educational Program and Symposium	Dual-energy X-ray absorptiometry (DXA)	Free paper NR II - AI
12:00~13:00 (60 min)	Lunch Symposium			
13:00~14:00 (60 min)	Special Lecture PE 13:00~14:30	International Prostate Imaging Educational Program and Symposium	Prof. Yi-Hong Chou's Lecture	Free paper NR III - INR
14:00~15:00 (60 min)				Free paper NR IV - NH
節目簡表 代碼說明	AB: Abdomen AI: Artificial Intelligence BR: Breast CH: Chest CV: Cardiovascular ER: Emergency INR: Interventional Neuroradiology IR: Interventional IT: Imaging Technology MS: Musculoskeletal HN: Head and Neck NR: Neuro OT: Others PE: Pediatrics SA: Patient Safety and Quality Assurance			

AUGUST 28 [SATURDAY]

ROOM 1~4

PLENARY SESSION10:10~10:30 *President's Address - Act now for teleradiology services*

陳榮邦理事長

10:30~11:00 *New Horizons Lecture - Move from TALENT to National Lung Cancer Screening in Taiwan*

楊泮池院士

AUGUST 28 [SATURDAY]

ROOM 1

FREE PAPER - MS

Moderator: 王建国 (Chien-Kuo Wang) 林宇旌 (Yu-Ching Lin)

- | | |
|-------------------------|--|
| 08:30~08:40
OR049-MS | <i>Body and brain CT predict low lean mass in elderly Taiwanese with cognitive impairment: A community-dwelling study</i>
陳昀廷 尤俊傑 林宇旌 陳乃菁 林偉哲 |
| 08:40~08:50
OR050-MS | <i>Sex- and age-related changes in vertebral bone marrow composition using MRS and perfusion DCE-MRI</i>
陳榮邦 李秀萍 楊鶴廷 陳巧奇 劉益瑞 |
| 08:50~09:00
OR051-MS | <i>Volume analysis of fat, fibrotic tissue, fluid and muscle in patient with lymphedema of lower limbs</i>
吳昱甫 朱崧毓 |
| 09:00~09:10
OR052-MS | <i>Assessment of MR arthrography of hip: with morphology measurement</i>
林函穎 吳宏達 蔣恩榮 吳慶蘭 |
| 09:10~09:15
OR053-MS | <i>Hemorrhagic Xanthoma in Pelvic bone: A case report</i>
楊明道 葉力仁 |
| 09:15~09:20
OR054-MS | <i>Polycystic kidney disease with clear cell renal cell carcinoma bone metastases mimicking brown tumor of hyperparathyroidism: A case report</i>
陳畊至 藍穎章 黃振義 |

SPECIAL LECTURE – MS I

Moderator: 施庭芳 (Tiffany Ting-Fang Shih) 黃國書 (Guo-Shu Huang)

- | | |
|-------------|---|
| 11:00~11:30 | <i>Trans-arterial embolization for the treatment of intractable chronic pain: new indications and early experience</i> |
| | Yuji Okuno |
| 11:30~11:50 | <i>Trans-arterial microembolization for intractable pain and hemarthrosis after arthroplasty of hip and knee: The experiences in TSGH</i> |
| | 許一智 |
| 11:50~12:10 | <i>Bone tumor ablation: Basic concepts</i> |
| | 吳宏達 |
| 12:10~12:30 | <i>Pitfalls in image guided tumor ablation</i> |
| | 林宇旌 |

SPECIAL LECTURE – AB I

Moderator: 李潤川 (Rheun-Chuan Lee) 郭禹廷 (Yu-Ting Kuo)

- | | |
|-------------|--|
| 13:30~14:05 | <i>How can liver specific MRI contrast agent change clinical practice for HCC management</i> |
| | Dong Hyun Sinn |
| 14:05~14:40 | <i>Primovist-enhanced MRI in management of HCC: beyond diagnosis</i> |
| | Tae Wook Kang |
| 14:40~15:00 | <i>Discussion</i> |
| | All |

SPECIAL LECTURE – AB II

主持人：蔡志文 (Jyh-Wen Chai) 陳巧雲 (Chiao-Yun Chen)

- | | |
|-------------|--|
| 15:30~15:50 | <i>Imaging Assessment of Treatment Response to Immunotherapy and Immune-related Adverse Events</i> |
| | 林維卿 |

FREE PAPER – AB I

Moderator: 蔡志文 (Jyh-Wen Chai) 陳巧雲 (Chiao-Yun Chen)

- | | |
|-------------|---|
| 15:50~16:00 | <i>MRI evaluation of the effects of everolimus on tuberous sclerosis complex-associated renal angiomyolipoma</i> |
| OR031-GU | 曹登富 蔡政道 梁耕維 黃馨慧 田雨生 |
| 16:00~16:10 | <i>Using relative aldosterone secretion index in selected patients undergoing adrenal venous sampling may differentiate unilateral primary aldosteronism from bilateral disease</i> |
| OR032-GU | 蘇安琪 塗昆樺 沈鼎文 黃耀祥 王俐人 黃成之 張鈞弼 |
| 16:10~16:20 | <i>Case Series: Applying Triple-Bolus Computed tomography Urography for the Evaluation of Ureteropelvic Junction Obstruction</i> |
| OR033-GU | 林柏廷 沈書慧 |
| 16:20~16:25 | <i>Anastomosing hemangioma of the kidney: a case report and literature review</i> |
| OR034-GU | 王奕齊 郭禹廷 劉綺霞 謝佩玲 蘇盈盈 麥志輝 |
| 16:25~16:30 | <i>Adrenocorticotropin-Independent Macronodular Adrenal Hyperplasia (AIMAH): Case Series of A Rare Cause of Cushing Syndrome</i> |
| OR035-GU | 林耿謙 張晉誠 |
| 16:30~16:35 | <i>Massive Hemorrhage After Circumcision by Automated Suture Device: A Case Report</i> |
| OR036-GU | 林政宏 林威佑 |
| 16:35~16:40 | <i>Scrotal sac leiomyoma: a case report of rare benign tumor in scrotum with MRI image</i> |
| OR037-GU | 沈敏如 吳冠群 黃于庭 張晴雯 |
| 16:40~16:50 | <i>Uterine Fibroid-Like Tumors: Spectrum of MR Imaging Findings and Their Differential Diagnosis</i> |
| OR038-OG | 林彥伯 林吉晉 |
| 16:50~16:55 | <i>MR Imaging feature of a complicated Gartner's duct cyst of the vagina: A case report</i> |
| OR039-OG | 鄭日安 曾淑琦 林彥伯 陳奎安 呂嘉偉 林吉晉 |
| 16:55~17:00 | <i>Rectal cancer mimics: two cases of deep endometriosis</i> |
| OR040-OG | 詹景茹 賴盈傑 |

AUGUST 28 [SATURDAY]

ROOM 2

SPECIAL LECTURE – IR I

Session 1. Thyroid session

Moderator: 梁慧隆 (Huei-Lung Liang) 林偉哲 (Wei-Che Lin)

08:30~08:45 *Radiofrequency ablation for recurrent thyroid cancers*

Sae Rom Chung

08:45~09:00 *Application of 4D-CT in US-guide Parathyroid Radiofrequency Ablation*

林偉哲

SPECIAL LECTURE – IR II

Session 2. Hepatobiliary Imaging & Intervention

Moderator: 梁慧隆 (Huei-Lung Liang) 林偉哲 (Wei-Che Lin)

09:00~09:05 *Opening Remarks*

梁慧隆

09:05~09:25 **TBD**

柳建安

09:25~09:45 *Issues of Biliary Stent*

蔣咸嘉

09:45~10:00 *Panel discussion*
Debate: pros & cons of internal biliary stenting

梁慧隆

Panelists: 曾修山 石明誠 劉益勝

SPECIAL LECTURE – IR III

Session 3. Basic Courses of Body

Moderator: 王家槐 (Jia-Hwia Wang) 周宜宏 (Yi-Hong Chou)

吳定國 (Ding-Kwo Wu) 李潤川 (Rheun-Chuan Lee)

11:00~11:20 *Introduction of GI tract and vascular intervention*

梁慧隆

11:20~11:40 *Introduction of interventional oncology (IO)*

梁博欽

11:40~12:00 *Introduction of GU tract intervention*

沈書慧

12:00~12:20 *Introduction of image-guide ablation therapy*

江佳陵

12:20~12:30 *Q & A*

梁慧隆

JRS-TRS JOINT SYMPOSIUM

Moderator: Li-Jen Wang Sung-Yu Chu Yi-Sheng Liu

- 13:30~13:45 *Interventional radiology for polycystic kidney disease*
Yusuke Sakuhara
- 13:45~14:00 *Efficacy of Transcatheter Renal Arterial Embolization in Patients with Polycystic Kidney Disease – A Single-Center Experience*
Chih-Horng Wu
- 14:00~14:15 *Update and future of MSK Embolization*
Yuji Okuno
- 14:15~14:30 *Percutaneous extra-anatomical bypass in treatment of hemodialysis vascular access sites*
Chiung-Yu Chen
- 14:30~14:45 *The technique of ophthalmic arterial infusion therapy for patients with intraocular retinoblastoma*
Sota Oguro
- 14:45~15:00 *Oncolytic virus therapy for advanced cancer*
Ming-Feng Li

SPECIAL LECTURE – IR IV

Session 4. Hepatobiliary Imaging & Intervention

Moderator: 梁慧隆 (Huei-Lung Liang) 林偉哲 (Wei-Che Lin)

- 15:30~15:45 *MRI guided intervention*
Jeanie Betsy Chiang
- 15:45~16:00 *Adrenal Venous Sampling - the Technical Aspect on Adrenal Vein Cannulation*
Ka King Cheng

FREE PAPER - IR

Moderator: 林偉哲 (Wei-Che Lin) 張碧倚 (Pi-Yi Chang)

- 16:00~16:10 *Follicular thyroid nodule: treat or not to treat by RFA?*
 OR041-IR 林偉哲 董又誠 張雁翔 羅盛典 姜苾凌 黃純真 陳韋至 周振凱
 蘇彥輝 紀順裕
- 16:10~16:20 *Efficacy of Ethanol Ablation for Benign Thyroid Cysts and Predominantly Cystic Nodules: A Systematic Review and Meta-Analysis*
 OR042-IR 楊政群 徐庸 劉俊彥
- 16:20~16:30 *US-Guided Moving-Shot Radiofrequency Ablation of Benign Soft Tissue Neoplasm*
 OR043-IR 林偉哲 戴逸凡
- 16:30~16:35 *Radiofrequency Ablation for Treating Hyperparathyroidism Associated with Parathyroid Adenoma*
 OR044-IR 吳任華 陳建瑋
- 16:35~16:45 *Incidence of AAA sac expansion in patient with type 2 endoleak of abdominal endovascular aneurysm repair – a single hospital experience*
 OR045-IR 朱崧毓 蘇奕豪 許銘益 謝任富 陳建銘 李禹賢 林勝彥 賴盈傑
 許文麒 柯博仁
- 16:45~16:55 *Adriamycin- Based Drug-Eluting Microsphere Versus Conventional Transarterial Chemoembolization for the Treatment of Hepatocellular Carcinoma: Retrospective Single - Center Experience*
 OR046-IR 朱翰璇 梁博欽 劉高郎 吳志宏 陳世杰
- 16:55~17:00 *Embolization with Grouting Technique for complex or refractory pulmonary arteriovenous malformations*
 OR047-IR 陳奎安 黃浩輝
- 17:00~17:05 *Bronchial artery – pulmonary artery arteriovenous malformation complicated with rupture during embolization*
 OR048-IR 莊博涵 梁博欽

AUGUST 28 [SATURDAY]

ROOM 3

ASIA PACIFIC EMERGENCY RADIOLOGY

Session 1. Trauma CT: a step forward from whole body CT to CT angiography

Moderator: Yon-Cheong Wong

08:30~08:35 *Introduction of CTA for trauma patients*

Yon-Cheong Wong

08:35~09:00 *CTA of thoracic injuries*

Rathachai Kaewlai

09:00~09:25 *CTA of abdominal injuries*

Junichi Matsumoto

09:25~09:50 *CTA of pelvic and extremities injuries*

Choong Wook Lee

09:50~10:00 *Panel discussion*

All

SPECIAL LECTURE – CH

Moderator: 張允中 (Yeun-Chung Chang) 徐先和 (Hsian-He Hsu)

11:00~11:25 *Lung Cancer Screening in the United States*

Caroline Chiles

11:25~11:50 *The Current Status of Low-dose CT Screening for Lung Cancer in Korea*

Jin Mo Goo

11:50~12:15 **TBD**

Chisato Hamashima

12:15~12:30 *Panel discussion*

All

ASIA PACIFIC EMERGENCY RADIOLOGY

Session 2. How can MRI resonate with ER doctors?

Moderator: Chun-Ku Chen

13:30~13:35 *Introduction of MRI for emergency patients*

Chun-Ku Chen

13:35~14:00 *MRI of closed head injuries*

Dinesh Varma

14:00~14:25 *Acute Ischaemic Stroke Imaging*

Wendy Cheong

14:25~14:50 *MRI of acute abdominal disease*

Yon-Cheong Wong

14:50~15:00 *Panel discussion*

All

AUGUST 28 [SATURDAY]

ROOM 4

FREE PAPER - BR

Moderator: 張潤忠 (Yun-Chung Cheung) 姚敏思 (Melissa Min-Szu Yao)

- 08:30~08:40 *Pharmacokinetic Dynamic Contrast-enhanced Magnetic Resonance Imaging and Intravoxel Incoherent Motion Diffusion-weighted Imaging with Clinical Factors Enable the Prediction of PAM50 Breast Cancer Molecular Subtypes*
OR001-BR
蔡宛蓁 吳汶靜 洪振芳
- 08:40~08:50 *Mammography-guided Vacuum-assisted Core Needle Biopsy on Microcalcifications in Thin Breasts: A Single Center Experience*
OR002-BR
饒允嬭 張潤忠 黃培青 曾淑琦
- 08:50~09:00 *Predictive value of peritumoral edema for axillary lymph node metastases in patients with breast cancer*
OR003-BR
張咏靖 吳文沛
- 09:00~09:05 *Breast implant associated complications*
OR004-BR 廖庭蔚 陳若瑤

SPECIAL LECTURE – BR I

Moderator: 張潤忠 (Yun-Chung Cheung) 姚敏思 (Melissa Min-Szu Yao)

- 09:10~09:50 *TiCEM as a functional vs. DBT as a morphological mammographical technique in the clinical routine*
Luis J Pina

SPECIAL LECTURE – BR II

Moderator: 王甄 (Jane Wang) 陳詩華 (Si-Wa Chan)

- 11:00~11:30 *Breast Advanced MRI*
Amy K. Patel
- 11:30~11:50 *Vacuum-Assisted Breast Biopsy (Tomo-guided, Ultrasound-guided, MRI-guided)*
林寬仁
- 11:50~12:30 *The three different biopsy methods (US, Stereo, DBT): when to perform what and how?*
Luis J Pina

SPECIAL LECTURE – CV I

Moderator: 萬永亮 (Yung-Liang Wan) 張允中 (Yeun-Chung Chang) 吳美翰 (Mei-Han Wu)

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|-------------|--|
| 13:30~14:00 | <i>Latest developments in cardiac CT including experience with high resolution cardiac CT imaging</i>
Armin Zadeh |
| 14:00~14:30 | <i>CMR of myocardial perfusion and viability</i>
吳銘庭 |
| 14:30~15:00 | <i>CMR of myocardial tissue mapping</i>
曾文毅 |
| 15:00~15:10 | <i>Q & A</i> |

FREE PAPER - CV

Moderator: 藍功堯 (Gong-Yau Lan) 陳俊谷 (Chun-Ku Chen)

- | | |
|-------------------------|--|
| 15:30~15:40
OR005-CV | <i>A Pilot Study Using Non-Contrast MRA Technologies for Evaluating Lower Extremity Venous Disease</i>
陳建瑋 黃耀廣 |
| 15:40~15:50
OR006-CV | <i>A Pilot Study Using Non-Contrast MRA Technologies for Evaluating Acute Aortic Syndrome</i>
陳建瑋 黃耀廣 |
| 15:50~16:00
OR007-CV | <i>A LASSO-Derived Risk Model for Subclinical CAC Progression in Asian Population with an Initial Score of Zero</i>
吳輔榮 |
| 16:00~16:05
OR008-CV | <i>Non-contrast magnetic resonance venography can be a useful preoperative imaging modality for refractory venous malformation: a case report</i>
許尹禎 陳建瑋 |
| 16:05~16:10
OR009-CV | <i>Pulmonary venous to venous collaterals initially mimicking a lung tumor</i>
林容伊 林銘泰 陳世杰 |
| 16:10~16:15
OR010-CV | <i>Concurrent annular pancreas and IVC interruption with double IVC and hemiazygous continuation: A case report</i>
鄭先甫 林雁婷 熊小濤 劉明承 蔡志文 |

SPECIAL LECTURE – CV II

Moderator: 徐先和 (Hsian-He Hsu) 李文正 (Wen-Jeng Lee)

16:15~16:30 *CMR Positioning: Guideline and Tips*

阮昱翔

16:30~17:00 *CMR: imaging methods and protocols*

惲純和

17:00~17:10 *Q & A*

AUGUST 29 [SUNDAY]

ROOM 1

FREE PAPER – AB II

Moderator: 周成德 (Chen-Te Chou) 陳邦斌 (Bang-Bin Chen)

- 08:40~08:50 *Risk of nephrogenic systemic fibrosis in patients with impaired renal function undergoing fixed-dose gadoxetic acid-enhanced magnetic resonance imaging*
OR026-HP 曾滌庸 曾振輝 黃炳勝 林勝彥 陳俊賓 方怡雯 林吉晉 賴盈傑
- 08:50~09:00 *Quantitative assessment of pancreatic steatosis by MR and US*
OR027-HP 羅培瑞 張晉誠 張允中
- 09:00~09:05 *A rare hepatic tumor: solitary fibrous tumor*
OR028-HP 周怡甄 劉俊彥 郭禹廷
- 09:05~09:10 *A LIRADS-5 lesion, but not HCC: A case report and literature review*
OR029-HP 謝弼丞 郭禹廷 劉綺霞 謝佩玲 蘇盈盈 麥志輝
- 09:10~09:15 *A case of intra-ductal growing type extrahepatic cholangiocarcinoma with several polypoid tumors in the common bile duct*
OR030-HP 陳建宏 鄭旭萌 楊斐適 陳芊文
- 09:15~09:25 *Glycolytic flux alterations following radiotherapy in cancer and immune cells: hyperpolarized carbon-13 magnetic resonance imaging study*
OR023-GI 賴盈傑 謝憬儀 呂冠穎 宋承軒 何鴻耀 鄭美玲 Albert Chen
吳樹鏗 陳芳馨 林吉晉
- 09:25~09:30 *MRI findings of small bowel ischemia and superior mesenteric vein thrombosis in pregnancy: a case report*
OR024-GI 林暉崇 簡經緯 陳榮邦
- 09:30~09:35 *Sister Mary Joseph's nodule as initial presentation of colon cancer; a case report and literature review*
OR025-GI 簡銘陞 李政君 黃振義

FREE PAPER – ER & IT & SA

Moderator: 翁旭惠 (Hsu-Huei Weng)

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|-------------------------|--|
| 09:40~09:50
OR055-ER | <i>Automatic detection of upper digestive tract foreign body impaction on lateral neck radiograph using a deep learning algorithm</i>
陳悅生 羅盛典 林建奉 林偉哲 |
| 09:50~10:00
OR056-SA | <i>Allergic reactions and extravasation of contrast medium in CT and MRI : A seven year experiences in a local teaching hospital</i>
胡晉寧 鄧木火 張天祐 吳美翰 蘇姿君 |
| 10:00~10:10
OR057-IT | <i>Ultra-Fast T1-Weighted Imaging with Wave-CAIPI MPRAGE Sequence for Clinical Pediatric Brain Structural MR Imaging: A Prospective Quantitative Assessment Study</i>
陳永介 郭敦邦 陳震宇 |

SPECIAL LECTURE – MS II

Moderator: 吳宏達 (Hung-Ta Hondar Wu) 謝賜吉 (Tsyh-Jyi Hsieh)

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|-------------|---|
| 10:30~10:50 | <i>Knee Imaging - Focusing on Menisci</i>
王彧宸 |
| 10:50~11:10 | <i>Important shoulder disease beyond trauma in radiography</i>
常景棣 |
| 11:10~11:30 | <i>Hip Imaging</i>
林函穎 |
| 11:30~11:50 | <i>Non-traumatic musculoskeletal problems in children and adolescent</i>
蔡佩珊 |
| 11:50~12:00 | <i>Q & A</i>
All |

SPECIAL LECTURE – PE

Moderator: 王超然 (Chao-Jan Wang) 彭信逢 (Shinn-Forng Peng)

13:00~13:40 *Imaging of neonatal cholestasis*

吳嘉峯

13:40~14:20 兒童影像檢查輻射防護

蔡惠予

14:20~14:30 *Q & A*

All

AUGUST 29 [SUNDAY]

ROOM 2

INTERNATIONAL PROSTATE IMAGING EDUCATIONAL PROGRAM AND SYMPOSIUM

Session 1. Advances in Prostate MRI diagnosis

Moderator: Chan Kyo Kim Li-Jen Wang

- 08:40~08:45 *Introduction speech of APIWG chair*
Chan Kyo Kim
- 08:45~09:10 *Overview of PIRADS v2.1*
Young Taik Oh
- 09:10~09:35 *Critical Points & Pitfalls of PIRADS v2.1*
Hiroshi Shinmoto
- 09:35~10:00 *Staging of prostate cancer in PI-RADS era*
Chan Kyo Kim
- 10:00~10:10 *Q & A and Panel discussion*
All

INTERNATIONAL PROSTATE IMAGING EDUCATIONAL PROGRAM AND SYMPOSIUM

Session 2. Updates of Prostate MRI roles

Moderator: Cher Heng Tan Hiroshi Shinmoto

- 10:30~10:55 *Clinical application of multiparametric MR imaging for management of prostate cancer*
Tsutomu Tamada
- 10:55~11:20 *Prostate MRI for active surveillance of prostate cancer patients*
Chau Hung Lee
- 11:20~11:45 *MR-US fusion biopsy of prostate cancers*
Cher Heng Tan
- 11:45~12:00 *Q & A and Panel discussion*
All

INTERNATIONAL PROSTATE IMAGING EDUCATIONAL PROGRAM AND SYMPOSIUM

Session 3. **Basics** of diagnosis and Intervention of prostate cancer on MRI and MRI/PET

Moderator: Shu-Huei Shen Li-Jen Wang

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|-------------|--|
| 13:00~13:20 | <i>Normal anatomy of prostate gland on MRI</i>
Wei-Chan Lin |
| 13:20~13:40 | <i>Imaging features of prostate cancer on MRI</i>
Shu-Huei Shen |
| 13:40~14:00 | <i>Diagnosis of prostate cancers using PIRADS v2.1</i>
Yu-Ting Kuo |
| 14:00~14:20 | <i>Diagnosis and prediction of primary and biochemically recurrent prostate cancer on PET/MRI-Chang Gung Memorial Hospital experience</i>
Li-Jen Wang |
| 14:20~14:40 | <i>MR in-bore biopsy of prostate cancer</i>
Yu-Ching Chen |
| 14:40~15:00 | <i>Q & A and Panel discussion</i>
All |

AUGUST 29 [SUNDAY]

ROOM 3

FREE PAPER - CH

Moderator: 蔡志文 (Jyh-Wen Chai) 黃昱森 (Yu-Sen Huang)

- 08:40~08:50 *Extracellular volume (ECV) fraction measurement correlates with lymphocyte abundance in thymic epithelial tumors (TETs)*
OR011-CH 林佳滢 張超群 朱彰堯 熊翌成 莊明宗 曾堯麟 顏亦廷
- 08:50~09:00 *Short-term result of percutaneous microwave ablation for lung tumors*
OR012-CH 林佳滢 張超群 林佳穎 蕭鴻宗 賴吾為 曾堯麟 顏亦廷
- 09:00~09:10 *Risk factor of Pneumothorax after CT-Guided Transthoracic Lung Biopsy*
OR013-CH 吳俊宏 廖瓊櫻
- 09:10~09:20 *Occult obstructive small airways disease in normal computed tomography image*
OR014-CH 李唯揚 何上芸
- 09:20~09:30 *CT findings of Mycobacterium abscessus in pretreatment and post treatment comparison*
OR015-CH 江品儀 樹金忠 黃昱森 張允中
- 09:30~09:40 *A cascaded learning strategy for COVID-19 pneumonia chest x-ray screening*
OR016-CH 陳信銘 葉淳輔 鄭仙資 李文正 簡寧 陳倫昌 趙冠華 杜奕瑾 劉庭祿 張允中
- 09:40~09:50 *Evaluation of chest computed tomography image characteristic of influenza viral pneumonia and the association of clinical severity*
OR017-CH 康靜維 陳玫圻 鄭穎 張祐謙 陳若瑤 黃昱森 李文正 張允中
- 09:50~10:00 *Clinical impact of a deep learning system for automated detection of missed pulmonary nodules: Experience from routine body computed tomography including the chest region*
OR018-CH 陳奎安 賴盈傑 Balamuralidhar Vanni 王別旭 王劭中 Yu-Chun Lin 吳樹鏗 Pelu Tran 林吉晉
- 10:00~10:05 *Unilateral Absence of a Pulmonary Artery: A Case Report*
OR019-CH 林政宏

10:05~10:10	<i>IgG4-related disease presenting as a paravertebral mass with chylothorax: a case report</i>
OR020-CH	陳亞哲 柯凱雄 徐先和
10:10~10:15	<i>Mediastinal gangliocytic paraganglioma: a case report with radiological analysis</i>
OR021-CH	蘇炆奇 黃威銘 惲純和 許清寅
10:15~10:20	<i>Immunoglobulin G4-Related Lung Disease</i>
OR022-CH	廖庭蔚 柯維鈞 葉力豪 李怡範 黃昱森 陳若瑀 黃彥霖 張允中

DUAL-ENERGY X-RAY ABSORPTIOMETRY (DXA)

Moderator: 林宇旌 (Yu-Ching Lin)

10:30~10:35	<i>Body composition: keynote address</i>
	陳榮邦
10:35~10:55	<i>TBD</i>
	錢本文
10:55~11:15	<i>如何增加肌肉量於癌症病患</i>
	葉光揚
11:15~11:30	<i>The basic interpretation of total body composition</i>
	林宇旌
11:30~11:50	<i>肥胖的綜論、重要併發症、及當前治</i>
	莊海華
11:50~12:00	<i>Q & A</i>
	All

PROF. YI-HONG CHOU'S LECTURE

Moderator: Yi-Hong Chou

- | | |
|-------------|---|
| 13:00~13:05 | <i>Introduction</i>
Yi-Hong Chou |
| 13:05~13:45 | <i>Precision Imaging to Help Optimize Oncologic Treatment</i>
Mahmood Umar |
| 13:45~14:00 | <i>Q & A</i>
Panelist: Shyh-Jye Chen Wen-Jeng Lee |

AUGUST 29 [SUNDAY]

ROOM 4

FREE PAPER – NR I FUNCTION

Moderator: 陳雅芳 (Ya-Fang Chen) 吳智君 (Chih-Chun Wu) 陳虹潔 (Hung-Chieh Chen)

- | | |
|-------------------------|--|
| 08:40~08:50
OR058-NR | <i>Misfolding protein, brain atrophy and cognition impairment in Parkinson's disease: Who come first?</i>
呂佳穎 尤俊傑 陳佩琴 林偉哲 |
| 08:50~09:00
OR059-NR | <i>Glymphatic system in Parkinson disease: potential visible MRI techniques and correlation with plasma misfolded protein</i>
尤俊傑 陳佩琴 陳秀玲 盧成憲 林偉哲 |
| 09:00~09:10
OR060-NR | <i>The possible impacts of plasma neurofilament light chain level to brain volume and the neurochiatric sequela</i>
陳盟翔 陳佩琴 盧成憲 林偉哲 |
| 09:10~09:20
OR061-NR | <i>Phishing for Phools: Evaluation of BraTS 2019 database (Multimodal Brain Tumor Segmentation Challenge 2019) using 3D Unet</i>
葉子成 鄭州閔 周志哲 |
| 09:20~09:30
OR062-NR | <i>Metabolic Connectivity Mapping of Human Brain using Simultaneous FDG PET and BOLD-based fMRI</i>
葉子成 鄭州閔 周志哲 |
| 09:30~09:40
OR063-NR | <i>Application of k-Nearest Neighbors Algorithm in Patients with Alzheimer's disease</i>
施柏丞 葉妹儀 郭郁慈 吳喬莉 陳珮安 劉華姍 |
| 09:40~09:50
OR064-NR | <i>Loss of swallow tail sign for diagnosis of Parkinson's disease: An evidence based approach and comparison of findings</i>
劉浩德 翁意欣 秦嗣騏 |
| 09:50~10:00
OR065-NR | <i>Susceptibility artifacts found in the pituitary fossa</i>
鄧木火 林彥懷 |
| 10:00~10:05
OR066-NR | <i>Acute hyperammonemic encephalopathy, 5-Fluorouracil (5-FU) infusion related: A Case Report</i>
陳彥宇 崔祐堃 陳泰源 柯景中 |

- 10:05~10:10 *Cytotoxic lesion of the corpus callosum presented in the immunocompetent adult with Epstein-Barr virus encephalitis: A case report and literature review*
OR067-NR
李哲宇 羅于倩 沈戊忠 陳永芳
- 10:10~10:15 *Delayed spontaneous thrombosis of traumatic posterior inferior cerebellar artery dissecting aneurysm in a pediatric patient*
OR068-NR
張佳芸 林彥亨

FREE PAPER – NR II AI

Moderator: 秦嗣騏 (Shy-Chyi Chin) 高鴻文 (Hung-Wen Kao) 郭冠宏 (Kuei-Hong Kuo)

- 10:30~10:40 *Can AI complete MD in the diagnosis of acute ischemia stroke of CT?*
OR069-NR
姜苾凌 林爽彥 李孟陽 陳盟翔 陳永昇 林偉哲
- 10:40~10:50 *Classification of parotid gland tumors by using multimodal MRI and deep learning*
OR070-NR
阮春榮 張儀如 黃騰毅 劉益瑞 鍾孝文
- 10:50~11:00 *Preliminary Study on the Effectiveness of Lesion Segmentation on Diffusion-weighted Imaging for Acute Ischemic Stroke*
OR071-NR
張佳菁 林劭杰 李雅惠 劉益瑞 彭旭霞 黃騰毅 沈戊忠 阮春榮
- 11:00~11:10 *Role of ADC and Lesion Size on the Performance of Automatic Segmentation in Acute Ischemic Stroke Using Diffusion-weighted Imaging and Deep Learning*
OR072-NR
林劭杰 阮春榮 李雅惠 張佳菁 鄭翊絃 彭旭霞 黃騰毅 鍾孝文 沈戊忠 劉益瑞
- 11:10~11:20 *Improving Diagnosing Performance for Malignant Parotid Gland Tumors using Machine Learning with Hybrid Multi-features Based on Diffusion-weighted Magnetic Resonance Imaging*
OR073-NR
阮春榮 黃騰毅 劉益瑞 沈戊忠 王志偉 許剛 聶鑫 張瑞峰
- 11:20~11:30 *The role of input image combination in the performance of automatic segmentation of parotid gland tumors using CT and deep learning*
OR074-NR
鄭翊絃 林劭杰 蔡銘鼎 張佳菁 劉益瑞 彭旭霞 黃騰毅 阮春榮
- 11:30~11:40 *Segmentation of parotid gland tumors using enhanced CT and deep learning.*
OR075-NR
蔡銘鼎 鄭翊絃 林劭杰 張佳菁 劉益瑞 彭旭霞 黃騰毅 阮春榮

- 11:40~11:50 *Fully Auto-segmentation of Dental Components Using Few Sample Deep Learning*
OR076-NR
林劭杰 許剛 阮春榮 吳明龍 喻大有 劉益瑞
- 11:50~12:00 *Age Specific and Gender Specific of Pulp/Tooth Ratio in Human Analysis by CBCT and Deep Learning*
OR077-NR
許剛 林劭杰 阮春榮 吳明龍 喻大有 劉益瑞

FREE PAPER – NR III INR

Moderator: 羅兆寶 (Chao-Bao Luo) 賴彥君 (Yen-Jun Lai)

- 13:00~13:10 *The Role of Intracranial Vessel Wall MRI in Acute Ischemic Stroke: A Single Center Experience*
OR078-NR
胡成全 蔣詩偉 王志偉 張維洲
- 13:10~13:20 *The inter-exam reliability in the measurement of hemodynamics on quantitative digital subtraction angiography of brain arteriovenous malformations*
OR079-NR
胡永信 林德銘 吳秀美 李政家 楊懷哲 羅兆寶 郭萬祐 劉康渡 鍾文裕 林重榮
- 13:20~13:30 *Efficacy of CT-guided Percutaneous Intralesional Bleomycin Injection for the Treatment of Orbital Low Flow Vascular Malformations and Hemangiomas*
OR080-NR
林信男 黃浩輝
- 13:30~13:40 *Comparison between acute ischemic stroke patient underwent EVT with and without IV tPA*
OR081-NR
康靜維 李崇維 林彥亨 李柏青
- 13:40~13:50 *Review of blood blister-like aneurysms in our hospital: treatment and clinical outcome*
OR082-NR
謝振智 周宗毅 鄭旭萌 黃俊肇
- 13:50~14:00 *Antiplatelet Medication of Cilostazol for Secondary Prevention of Intracerebral Hemorrhage for Stroke Patients: A Systemic Review and Network Meta-analysis*
OR083-NR
翁旭惠 蔡元雄 張勝為 陳俊儒 李禹立

FREE PAPER – NR IV NH

Moderator: 張豐基 (Feng-Chi Chang) 林偉哲 (Wei-Che Lin)

- 14:00~14:10 *700 plus benign thyroid nodules with radiofrequency ablation in 4 years: result of 5 medical centers in Taiwan*
OR084-NR 王呈綱 鄭凱倫 吳明勳 王文弘 郭其毓 姜苾凌 林偉哲
- 14:10~14:20 *Can radiofrequency ablation treat benign thyroid goiter in children?*
OR085-NR 林安妮 姜苾凌 鄭凱倫 林偉哲
- 14:20~14:30 *Detection of fast Arterio-venous shunting and dilated vascular structure in vertebral tumor with CT-DSA and MRI*
OR086-NR 黃裕城 曾峰毅 李崇維 林彥亨
- 14:30~14:35 *Transient dural sinus ectasia mimicking vein of Galen malformation*
OR087-NR 楊詠璇 李崇維 彭信逢 林彥亨
- 14:35~14:40 *Plasmacytoma mimicking thyroid cancer with metastasis: A Case Report*
OR088-NR 杜興洋 游榮昌 張寶源 吳彬安
- 14:40~14:45 *Real-time MR-US fusion for visualization of extratemporal facial nerve during parotid tumor ablation*
OR089-NR 陳悅生 羅盛典 林偉哲
- 14:45~14:55 *Imaging quality of slice encoding for metal artifact correction (SEMAC) magnetic resonance imaging for post-instrumentation spine*
OR090-NR 楊傑宇 謝賜吉 陳坤煌 林建宏 周宜甄
- 14:55~15:00 *Spinal CSF Venous Fistula – An Under-recognized Cause of Spontaneous Intracranial Hypotension and Progressive Myelopathy: A Case Report*
OR091-NR 章育菱 陳雅芳 林彥亨