ORAL POSTER PRESENTATION

🕐 15:10-16:10 **Saturday, June 28, 2025**

1. Breast
Ku Sang Kim (Kosin Univ.), Junwon Min (Dankook Univ.)

OP-1 15:10-15:20	Expediency of Ultrasound and Checklist for Breast Implant Screening *Angela Soeun Lee (The W Breast Center)*
OP-2 15:20-15:30	Evaluating Diagnostic Accuracy of Ultrasound and MRI in Breast Cancer: A Retrospective Study in Delhi, India *Monirujjaman Biswas (Jawaharlal Nehru Univ., India)*
OP-3 15:30-15:40	Integrating Microneedles and Ultrasound for Enhanced Drug Delivery in Breast Cancer Therapy: A Comprehensive Review *Rizki Rachmad Saputra (Universitas Palangka Raya, Indonesia)*
OP-4 15:40-15:50	Artificial Intelligence-Enhanced Ultrasonography for Early Detection of Breast Cancer: A Systematic Review and Clinical Implications for Personalized Pharmacotherapy *Andi Nursanti (Univ. of Wallacea, Indonesia)*

2. Cardiac
Kee Sik Kim (Daegu Medical Center), Jangwon Son (Yeungnam Univ.)

OP-5 15:10-15:20	Research on Left Ventricular Global Longitudinal Strain by Speckle Tracking Echocardiography in Patients with Chronic Heart Failure *Do Thi Hai Linh (Friendship Hospital, Vietnam)*
OP-6 15:20-15:30	Management of Lymphoma with Heart Disease *Harshita Dubey (All India Institute of Medical Sciences, India)*
OP-7 15:30-15:40	The Impact of Cardiac Ultrasound-Guided Resuscitation in Shock and Cardiac Arrest: A Systematic Review *Lok Ranjan Rajmohan (ACS Medical College and Hospital, India)*
OP-8 15:40-15:50	Real-Time Prediction of Hemodynamic Crash in ICU Patients Using Temporal Ultrasound of Inferior Vena Cava and Cardiac Chambers with Cross-Signal Transformer *Rifaldy Fajar (Data Science for Bio Medicine Research Foundation, Indonesia)*
OP-9 15:50-16:00	Investigating the Long-Term Effects of Cardiovascular Pharmacotherapy on Gender: Implications for Precision Medicine *Muhammad Irzaq (Alumnus of Padang State Univ., Indonesia)*

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3. Liver - Upper & Lower
Seung Up Kim (Yonsei Univ.), Sung-Eun Kim (Hallym Univ.)

OP-10 15:10-15:20	A Novel Contrast-Based Imaging-Enhanced Investigation Will Quantify Hepatic Diseases in Rodents *Deepika Singh (SIHAS & SHUATS, India)*
OP-11 15:20-15:30	Development and Optimization of Ganoderic Acid Chitosan Lipid Nanoparticles Attenuate Diethylnitrosamine Induced Hepatocellular Carcinoma in Rats Via Modulating of Keap1/Nrf2/HO 1 and SIRT1/Notch1 Signaling Pathway *Vikas Kumar (Sam Higginbottom Univ., India)*
OP-12 15:30-15:40	Development of Creative Fluorescent Probes to Find and Visualise Reactive Nitrogen Species (RNS) and Reactive Oxygen Species (ROS) in Hepatotoxicity Brought on by Paracetamol *Deepika Singh (SIHAS & SHUATS, India)*
OP-13 15:40-15:50	Clinical Implications of Fatty Pancreas Detected by Ultrasonography *Tom Ryu (Soonchunhyang Univ.)*
OP-14 15:50-16:00	Sarcomatoid Transformation of Hepatocellular Carcinoma after Transarterial Chemoembolization: A Case Report *Yoonseok Lee (Gachon Univ.)*

4. Liver - Upper & Lower
Moon Young Kim (Yonsei Univ. Wonju), Eun Ju Cho (Seoul National Univ.)

OP-15 15:10-15:20	The Effectiveness of Abdominal Doppler Ultrasound, Measurement of Abdominal Fat, and the Value of SWM/ATT in the Assessment of Liver Disease *Soung Won Jeong (Soonchunhyang Univ.)*
OP-16 15:20-15:30	Association between Hepatic Steatosis and Fibrosis Severity Assessed by Fibroscan and Age Matched Skeletal Muscle Index in Patients with MASLD *Jang Han Jung (Hallym University)*
OP-17 15:30-15:40	Enhancing Liver Cirrhosis Varices and CSPH Risk Prediction with Spleen Stiffness Measurement Using 100-Hz Probe *Sohyun Jeon (Soonchunhyang Univ.)*
OP-18 15:40-15:50	Liver Stiffness by VCTE Predicts Hepatic Decompensation and Differential Efficacy of Atezolizumab-Bevacizumab versus TKIs in Advanced Hepatocellular Carcinoma *Ji Won Han (The Catholic Univ. of Korea)*
OP-19 15:50-16:00	Effectiveness of Point-of-Care Ultrasound in Acute Abdomen Diagnosis and Management *Hafizh Rizqi (Prince Sattam Bin Abdulaziz Univ., Saudi Arabia)*
OP-20 16:00-16:10	A New Era of Ultrasound Education Pioneered by Workstations: Synergistic Effects with Virtual US and Colorized Fusion Imaging *Chikara Ogawa (Kindai Univ., Japan)*

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5. Musculoskeletal
Hong Ki Min (Konkuk Univ.)

OP-21 15:10-15:20	Muscle Architecture Assessment by Ultrasound in Sarcopenia: A Systematic Review *Lok Ranjan Rajmohan (ACS Medical College and Hospital, India)*
OP-22 15:20-15:30	Innovative Digital Health Solutions for Musculoskeletal Rehabilitation: Preventing Low Back Pain in Individuals with Lower Limb Amputations *Muh Syaiful Akbar (Hasanuddin Univ., Indonesia)*
OP-23 15:30-15:40	Zero-Shot Deep Learning Approach for Predicting Peripheral Nerve Entrapment Risk Using Dynamic Musculoskeletal Ultrasound of Repetitive Sports Motion *Prihantini Prihantini (Data Science for Bio Medicine Research Foundation, Indonesia)*
OP-24 15:40-15:50	Ultrasound Evaluation of Clinical Mimics of Deep Vein Thrombosis: Essential Insights for Radiologists in Interpretation *Deeksha Chauhan (Rajkamal Institute of Management, India)*

6. Thyroid
Dong Yeob Shin (Yonsei Univ.)

OP-25 15:10-15:20	Balancing Guidelines and Patient Autonomy: A Thyroid Nodule Case with Limited Family History *Hana Moon (Daegu Catholic Univ.)*
OP-26 15:20-15:30	Machine Learning and Ultrasound for Precision Diagnosis in Thyroid Cancer: A Bibliometric Odyssey *Rian Ka Praja (Universitas Palangka Raya, Indonesia)*
OP-27 15:30-15:40	Artificial Intelligence in the Evaluation of Indeterminate Thyroid Nodules Using Ultrasound *Nadyatul Husna (Dr. Reksodiwiryo Military Hospital Padang, Indonesia)*
OP-28 15:40-15:50	A Comprehensive Review of Legal and Ethical Considerations in the Development and Implementation of AI-Driven Thyroid Disease Diagnosis Systems *Ferza Alfath (Alumnus of Universitas Andalas, Indonesia)*

ORAL POSTER PRESENTATION

7. Vascular
Hyangkyoung Kim (Ehwa Womans Univ.), Haeng Jin Ohe (The Catholic Univ. of Korea)

OP-29 15:10-15:20	Clinical Achievement in Developing Ultrasound-Guided Cannulation Skills among Dialysis Nurses in Tertiary Care Hospital *Doreen Ho Wei Jing (National Univ. of Singapore, Singapore)*
OP-30 15:20-15:30	Clinical Experience of Patients with Lower Extremity Edema *Sangchul Yun (Soonchunhyang Univ.)*
OP-31 15:30-15:40	Molecular Insights into the Radioprotective Potential of Kaempferol and Diosgenin in Repeated Vascular Ultrasound Exposure *Muhammad Priyadi (Universitas Palangka Raya, Indonesia)*
OP-32 15:40-15:50	AI-Driven Prediction of Placental Genomic Mosaicism Through Multi-Channel Doppler Ultrasound Dynamics in High-Risk Pregnancies: A Zero-Invasive Prenatal Genomics Framework *Rini Winarti (Yogyakarta State Univ., Indonesia)*