

# POSTER EXHIBITION

## Breast

PE-1	AI in Breast Ultrasound Imaging: Diagnostic Accuracy, Workflow Efficiency, and Clinical Integration: A Systematic Review <i>Lok Ranjan Rajmohan (ACS Medical College and Hospital, India)</i>
PE-2	Elastography in Differentiating Benign and Malignant Breast Lesions: A Systematic Review <i>Lok Ranjan Rajmohan (ACS Medical College and Hospital, India)</i>
PE-3	Comparative Effectiveness of Mammography vs. Ultrasound in Dense Breasts: A Systematic Review <i>Lok Ranjan Rajmohan (ACS Medical College and Hospital, India)</i>
PE-4	Galactocele or Malignancy? The Diagnostic Value of Breast Ultrasound <i>Lok Ranjan Rajmohan (ACS Medical College and Hospital, India)</i>
PE-5	The Impact Glucose and Insulin and Mediating of HOMA toward Breast Cancer Incidence: PLS-SEM Approach <i>Devi Yulia Rahmi (Universitas Andalas, Indonesia)</i>
PE-6	Dual Receptor Targeting, Treatment, and Imaging with a Chitosan Nanoplateform That Simultaneous Administration of Gallic Acid and Ultra-Small Magneses Nanoaggregates <i>Deepika Singh (SIHAS &amp; SHUATS, India)</i>
PE-7	In Vitro and in Vivo Study of Solid Lipid Nanoparticle of Radiolabeled Docetaxel for the Management of Breast Cancer with Technetium-99 M: A Novel Approach <i>Deepika Singh (SIHAS &amp; SHUATS, India)</i>
PE-8	Impact Evaluation of Mammographic Screening under BPJS Kesehatan on Early Detection and Breast Cancer Reduction in Indonesia <i>Rosinta Hotmaida Pebrianti Purba (The Pranala Institute, Indonesia)</i>
PE-9	Breast Cancer Detection in Mammography Using Computer-Aided Machine Learning <i>Derizal Derizal (IP Trisakti, Indonesia)</i>
PE-10	Protective Effects of Nanostructured Lipid Carriers Loaded Caffeic Acid Topical Cream on Radiation Dermatitis in Breast Cancer: A Single Arm Double-Blind Randomized Clinical Trial Methods <i>P Bhatt (SGGS College of Pharmacy, India)</i>
PE-11	Evaluating the Diagnostic Performance of Ultrasound, Mammography, and MRI in Identifying Breast Cancer Lesions among Patients with Breast Implants: A Comprehensive Systematic Review <i>Roland Helmizar (Baiturrahmah Univ., Indonesia)</i>
PE-12	Biofabrication of Magnetic Nanoparticles as Potential MRI Contrast Agents for Breast Cancer Diagnostics <i>Deeksha Chauhan (Rajkamal Institute of Management, India)</i>

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PE-13	Beyond the Image: Emerging Ultrasound Technologies in Breast Cancer Diagnosis <i>Arul Akash S (ACS Medical College and Hospital, India)</i>
PE-14	Clinical Experience and Optimization of Automated Breast Ultrasound <i>Vikas Kumar (SHUATS, India)</i>

### Cardiac

PE-1	Strain Imaging in Speckle Tracking Echocardiography for Early Cardiotoxicity Detection: A Systematic Review <i>Lok Ranjan Rajmohan (ACS Medical College and Hospital, India)</i>
PE-2	Enhancing the Beat: Ultrasound Contrast Agents in Myocardial Perfusion Imaging <i>Vikass (SRI Muthukumaran Medical College Hospital, India)</i>
PE-3	3D Echocardiographic Mapping of Left Atrial Strain: A Novel Tool for the Early Detection and Prognosis of Atrial Fibrillation <i>Gayathri Saravanan (ACS Medical College and Hospital, India)</i>
PE-4	Cardio-Toxicity Associated with Lynch Syndrome <i>Amar Ranjan (All India Institute of Medical Sciences, India)</i>
PE-5	Dilated Cardiomyopathy and Toxic Hepatitis Induced by Creosote Oil Toxicity: A Rare Case Report <i>Zoljargal Badam (Molor Clinic, Mongolia)</i>
PE-6	Imaging the Invisible: Early Myocardial Changes in Diabetic Patients through Echo <i>Arul Akash S (ACS Medical College and Hospital, India)</i>
PE-7	Carotid Artery Intima-Media Thickness on Doppler Ultrasound: A Surrogate Marker for Early Cardiovascular Disease <i>John Thomas Arul J S (ACS Medical College and Hospital, India)</i>
PE-8	Echocardiographic Evaluation in Pediatric CHD: Current Practices and the Need for Standardization <i>Nagaraj S (Muthukumaran Medical College Hospital, India)</i>
PE-9	Spotlight on the Heart: The Role of Contrast Agents in Echocardiographic Mass Detection <i>Madhumitha A (ACS Medical College and Hospital, India)</i>

## Liver - Upper & Lower

PE-1	Association between US Based MASLD and Systemic Atherosclerosis: Insights from Carotid Ultrasound and Coronary CT Findings <i>Seong Hee Kang (Korea Univ.)</i>
PE-2	Liver Protective Effect of Crocetin-Chitosan Nanobeads in Rats Using Ultrasound, Histology, and Biochemical Analysis <i>V Kumar (AAI-DU, India)</i>
PE-3	Global Research Trends on Ultrasound-Based Noninvasive Assessment of Hepatic Fibrosis and Steatosis <i>Hafizh Rizqi (Prince Sattam Bin Abdulaziz Univ., Saudi Arabia)</i>
PE-4	Association of Biochemical Markers and CAP Score (Ultrasound) in Predicting Hepatic Steatosis and Fibrosis Progression in NAFLD <i>Hina Parveen (King George Medical Univ., India)</i>
PE-5	Diagnostic Accuracy of Contrast-Enhanced Ultrasound in Differentiating Focal Liver Lesions: A Systematic Review <i>Lok Ranjan Rajmohan (ACS Medical College and Hospital, India)</i>
PE-6	Elastography-Based Ultrasound Techniques in Staging Liver Fibrosis: A Systematic Review and Meta-Analysis <i>Lok Ranjan Rajmohan (ACS Medical College and Hospital, India)</i>
PE-7	Mapping the Role of Metal-Organic Frameworks in Sonodynamic Therapy for Liver Fibrosis and Metastasis: Bibliometric Trends in Clinical Ultrasound (2015-2025) <i>Rizki Rachmad Saputra (Universitas Palangka Raya, Indonesia)</i>
PE-8	Spatial and Sectoral Analysis of Abdominal Ultrasound Tracking Equipment and Mobility in Healthcare, South Sulawesi Indonesia <i>Jeddah Yanti (Universitas Negeri Makassar, Indonesia)</i>
PE-9	From Guidelines to Practice: A Systematic Review on Ultrasound-Guided Microwave Ablation in Hepatic Oncology <i>Ajay S (ACS Medical College and Hospital, India)</i>
PE-10	Illuminating Liver Lesions: A Systematic Review of Contrast-Enhanced Ultrasound (CEUS) in Focal Liver Lesion Diagnosis <i>Madhumitha A (ACS Medical College and Hospital, India)</i>
PE-11	How Did the Analysis of Asian Children's Autoimmune Liver Disease (AILD) Unfold? <i>Rara Yulianda (Sulthan Thaha Saifuddin Islamic State Univ., Indonesia)</i>
PE-12	Effect of Alkaline Phosphatase (ALP) and Bilirubin (BIL) Levels on Gamma-Glutamyl Transferase (GGT) in Liver Cirrhosis Patients <i>Rani Marsyanda (Sulthan Thaha Saifuddin Islamic State Univ., Indonesia)</i>
PE-13	AI-Augmented Contrast-Enhanced Ultrasound (CEUS) for Real-Time Characterization of Liver Lesions: A Multicenter Study <i>Surendar Arulalan (ACS Medical College and Hospital, India)</i>

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### Liver - Upper & Lower

PE-14	Socioeconomic Status Effect on Patient Liver Transplantation: A Review <i>Mega Dwi Septivani (Padang State Polytechnic, Indonesia)</i>
PE-15	A Case of Malignant Hepatic Perivascular Epithelioid Cell Tumor (PEComa) Misdiagnosed as Hepatocellular Carcinoma (HCC) <i>Hyeieun Jin (Gangnam Severance Hospital)</i>
PE-16	Comparison of Modified CEUS LI-RADS with Sonazoid and CT/MRI LI-RADS for Diagnosis of Hepatocellular Carcinoma <i>Hidehito Honda (Tokyo Medical Univ. Hospital, Japan)</i>
PE-17	Metabolic Fatty Liver Disease in Pregnant Women <i>Bayarmaa Nyamaa (Mongolian National Univ., Mongolia)</i>
PE-18	Characteristics of Gastroesophageal Varices and Associated Factors in Cirrhotic Patients: A Cross-Sectional Study <i>Ha Khiem (Clinic 103 Cam Khe, Vietnam)</i>
PE-19	Comparison of Liver Fibrosis Severity between Alcohol-Related and Viral Hepatitis Patients Using Transient Elastography: A Cross-Sectional Study at Clinic 103 CK <i>Ha Linh (Clinic 103 Cam Khe, Vietnam)</i>
PE-20	Clinical Evaluation of Liver Metastasis in Ovarian Cancer <i>Utkarsh Dubey (All India Institute of Medical Sciences, India)</i>
PE-21	Diagnostic Limitations of DNA-Based PCR in Screening for Chronic Hepatitis B: Implications for False-Negative Results <i>Surya Ram Duwal (Central Diagnostic Laboratory and Research Center, Nepal)</i>
PE-22	The Values of Acoustic Radiation Force Impulse Elastography of Liver in Evaluating the Degree of Liver Fibrosis in Alcoholic Liver Disease <i>Le Thi Thu Hien (Thai Nguyen Univ., Vietnam)</i>
PE-23	Biliary Stents: Ultrasound Monitoring of Biodegradable Stents in the Treatment of Benign Strictures <i>Anastasia Vynohradova (National Institute of Surgery and Transplantology, Ukraine)</i>
PE-24	The Role of Radiogenomics in Early-Stage Liver Cancer Screening <i>Rosinta Hotmaida Pebrianti Purba (The Pranala Institute, Indonesia)</i>
PE-25	Optimizing Preoperative Evaluation in Cholelithiasis: The Role of Ultrasonography and UGI Scopy in Reducing Post-Cholecystectomy Syndrome <i>John Thomas Arul J S (ACS Medical College and Hospital, India)</i>
PE-26	A Systematic Review and Meta-Analysis on Diagnosing Presumed Malignant Biliary Obstruction: Comparing ERCP and EUS-FNA <i>Derizal Derizal (IP Trisakti, Indonesia)</i>

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### Liver - Upper & Lower

PE-27	Mapping the Future of Liver Cancer Detection: How Machine Learning Is Transforming Ultrasound Diagnostics <i>Reny Rosalina (Universitas Palangka Raya, Indonesia)</i>
PE-28	Chronic Hepatitis B Virus Cannot Be Adequately Treated with a DNA-Directed PCR Result <i>Surya Ram Duwal (Central Diagnostic Laboratory and Research Center, Nepal)</i>
PE-29	Spontaneous Rupture of Hepatocellular Carcinoma Presenting with Hemoperitoneum: A Case Highlighting the Diagnostic Role of Point-of-Care Ultrasound <i>Moonhyung Lee (Kyung Hee Univ.)</i>
PE-30	Prediction of Insulin Resistance Using Abdominal Ultrasound-Based Fat Parameters and Machine Learning Models <i>Young Chang (Soonchunhyang Univ.)</i>
PE-31	A Diagnostic Challenge: Eosinophilic Liver Abscess Mimicking Malignancy on Imaging <i>Tom Ryu (Soonchunhyang Univ.)</i>
PE-32	Head-to-Head Comparison of EUS and MRCP in Uncovering the Diagnostic of Malignant Obstructive Jaundice: A Comprehensive Meta-Analysis <i>Derizal Derizal (IP Trisakti, Indonesia)</i>
PE-33	Enhancing Predictive Accuracy of Biliary Drainage Outcomes Using Machine Learning-Augmented Endoscopic Ultrasound in Malignant Biliary Obstruction: A Retrospective Insight <i>Aryofri Afan (Institut Teknologi dan Bisnis ASIA Malang, Indonesia)</i>
PE-34	Predictors of Mortality in Liver Cirrhosis Patients with Spontaneous Bacterial Peritonitis <i>Chang Hun Lee (Jeonbuk National Univ.)</i>
PE-35	Impact of Sono-Guided Percutaneous Catheter Drainage on Hospital Stay and Mortality in Pyogenic Liver Abscess Patients <i>Chang Hun Lee (Jeonbuk National Univ.)</i>
PE-36	Risk Factors for Hepatic Decompensation after Surgical Resection in Patients with Hepatocellular Carcinoma <i>Yoonseok Lee (Gachon Univ.)</i>
PE-37	The Role of Point-of-Care Ultrasound (POCUS) in Detecting Early-Stage Liver Disease: A Systematic Review <i>Muh Syaiful Akbar (Hasanuddin Univ., Indonesia)</i>
PE-38	Primary Hepatic Amyloidosis with Kappa Light Chain Involvement: A Rare Case of Multisystemic Involvement with Poor Prognosis <i>Seul Ki Han (Yonsei Univ. Wonju)</i>
PE-39	A Case of Intrahepatic Cholangiocarcinoma Diagnosed at the Same Site after 5 Years Who Treated for Liver Abscess <i>Seul Ki Han (Yonsei Univ. Wonju)</i>

## POSTER EXHIBITION

### Liver - Upper & Lower

PE-40	Magnetic Resonance Imaging Improves Stratification of Fibrosis and Steatosis in Patients with Chronic Liver Disease <i>Han Ah Lee (Chung-Ang Univ.)</i>
PE-41	Non-Invasive Prediction of Post-Sustained Virological Response Hepatocellular Carcinoma in Hepatitis C Virus: A Systematic Review and Meta-Analysis <i>Han Ah Lee (Chung-Ang Univ.)</i>
PE-42	Impact of Breast Cancer and Hormone Therapy on Liver Disease Progression in Patients with MASLD <i>Na Ryung Choi (Ewha Womans Univ.)</i>
PE-43	Eosinophilic Liver Infiltration Detected by Ultrasound <i>Jae Hyun Yoon (Chonnam National Univ.)</i>
PE-44	Use of Contrast-Enhanced Ultrasound with Sonazoid for Evaluating the Radiotherapy Efficacy for Hepatocellular Carcinoma <i>Akihiro Funaoka (Yokohama City Univ. Medical Center, Japan)</i>
PE-45	Platelet Count Spleen Diameter Ratio to Predict Esophageal Varices in with Liver Cirrhosis Patients-Single Center Study <i>Badam Bunguuzei (Molor Clinic, Mongolia)</i>
PE-46	Assessment of Non-Alcoholic Fatty Pancreas via Abdominal Ultrasound among Adult Medical Check-Up Patients <i>Nyam Biziya (Dornod Medical Center, Mongolia)</i>
PE-47	Characterization of Hepatobiliary Phase Hypointense Nodules without Arterial Phase Hyperenhancement on Gadoxetic Acid-Enhanced MRI via Contrast-Enhanced Ultrasound Using Perfluborbutane <i>Jae Seok Bae (Seoul National Univ.)</i>
PE-48	Predicting the Chemotherapeutic Response of Colorectal Cancer Liver Metastasis Using Shear-Wave Elastography <i>Jae Seok Bae (Seoul National Univ.)</i>
PE-49	A Case of Inflammatory Perivascular Epithelioid Cell Tumor <i>Jung Gil Park (Yeungnam Univ.)</i>
PE-50	Chronic Hepatitis B and the Risk of Bile Duct Malignancies: Emphasizing the Challenge of Differentiating IPNB from Cysts <i>Hyun Phil Shin (Kyung Hee Univ.)</i>
PE-51	Liver Abscess Mimicking Malignant Tumor <i>Jun Sik Yoon (Inje Univ.)</i>
PE-52	Diagnostic Test Accuracy of Contrast-Enhanced Ultrasound with Sonazoid for Assessment of Focal Liver Lesions: A Systematic Review and Meta-Analysis <i>Yongqing Tang (GE Healthcare Ltd., China)</i>

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### Liver - Upper & Lower

PE-53	2D-Shear Wave Elastography versus Transient Elastography: Which Is Superior in Detecting Liver Fibrosis? <i>Arul Akash S (ACS Medical College and Hospital, India)</i>
PE-54	Intestinal Ultrasound for Precise Monitoring of Pediatric Inflammatory Bowel Disease in Korea <i>Tae Hyeong Kim (Kyung Hee Univ.)</i>

### Musculoskeletal

PE-1	Effectiveness of Ultrasound on Pain Reduction in Knee Osteoarthritis Patients in Indonesia: Literature Review <i>Decenly Decenly (Universitas Palangka Raya, Indonesia)</i>
PE-2	Global Research and Emerging Trends in the Use of Emergency Ultrasound for Trauma Care <i>Hafizh Rizqi (Prince Sattam Bin Abdulaziz Univ., Saudi Arabia)</i>
PE-3	Efficacy of Ultrasound-Guided Joint Injections in Rheumatoid and Osteoarthritis: A Systematic Review <i>Lok Ranjan Rajmohan (ACS Medical College and Hospital, India)</i>
PE-4	Ultrasound Assessment of Rotator Cuff Tears: A Systematic Review of Accuracy Compared to MRI <i>Lok Ranjan Rajmohan (ACS Medical College and Hospital, India)</i>
PE-5	FAST Ultrasonography as an Initial Modality in Internal Organ and Spinal Injuries: A Bibliometric Analysis Using VOS Viewer <i>Willy Febri (Universitas Muhammadiyah Palangka Raya, Indonesia)</i>
PE-6	Musculoskeletal Ultrasonography as a Tool for Monitoring the Progress of Rehabilitation of Spinal Injury Patients: A Comprehensive Bibliometric Analysis (2014–2024) <i>Willy Febri (Universitas Muhammadiyah Palangka Raya, Indonesia)</i>
PE-7	Investment in Preventing Musculoskeletal Disorders: A Financial Perspective for a Healthy Future <i>Fitri Kurnia (Universitas Muhammadiyah Sumatera Barat, Indonesia)</i>
PE-8	Musculoskeletal Ultrasound in Pediatric Rheumatic Diseases: Diagnostic and Monitoring Applications <i>Vikass (SRI Muthukumaran Medical College Hospital, India)</i>
PE-9	AI-Based Prediction of Prenatal Autism Risk Using Simulated 3D Fetal Cranial Morphodynamics and Biometric Trajectories <i>Sahnaz Vivinda Putri (International Univ. Semen Indonesia, Indonesia)</i>
PE-10	Seeing Beneath the Surface: A Multimodal Approach to Subclinical Synovitis in RA <i>Arul Akash S (ACS Medical College and Hospital, India)</i>

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## Musculoskeletal

PE-11	Dynamic Ultrasound for Rotator Cuff Tears: Accuracy in Motion <i>Madhumitha A (ACS Medical College and Hospital, India)</i>
PE-12	Sonoelastography vs. Conventional Ultrasound in Diagnosing Rotator Cuff Tendinopathy: A Game-Changer in Musculoskeletal Imaging <i>Sesheta Beryl B (ACS Medical College and Hospital, India)</i>
PE-13	Exploring the Relationship between Lower Limb Doppler Ultrasound Findings and Severe PEDIS Scores in Patients with Diabetic Foot Ulcers: A Comprehensive Analysis <i>Roland Helmizar (Baiturrahmah Univ., Indonesia)</i>

## Thyroid

PE-1	Point-of-Care Ultrasound for Thyroid Dysfunction Detection in Primary Care Settings: A Systematic Review <i>Lok Ranjan Rajmohan (ACS Medical College and Hospital, India)</i>
PE-2	Artificial Intelligence in Thyroid Ultrasound: A Systematic Review of Diagnostic Algorithms and Accuracy <i>Lok Ranjan Rajmohan (ACS Medical College and Hospital, India)</i>
PE-3	Ultrasound Risk Stratification Systems (TIRADS) for Thyroid Nodules: A Systematic Review and Diagnostic Accuracy Analysis <i>Lok Ranjan Rajmohan (ACS Medical College and Hospital, India)</i>
PE-4	Clinical Characteristics of Thyroid Nodules Detected by Ultrasonography at Large Health Screening Centers in Korea <i>Jihyun Ahn (Korea Medical Institute)</i>
PE-5	Comparative Diagnostic Accuracy of Ultrasound-Guided versus Palpation-Guided Fine-Needle Aspiration Biopsy in Detecting Malignancy in Thyroid Nodules: A Comprehensive Systematic Review and Meta-Analysis <i>Mutia Setianingsih (Andalas Univ., Indonesia)</i>
PE-6	A Case of Cervical Lymph Node Metastasis from Papillary Thyroid Carcinoma without a Detectable Thyroid Nodule <i>Young Sik Choi (Samsung Internal Medicine MRI Image Informatics)</i>
PE-7	A Case of Diffuse Sclerosing Variant of Papillary Thyroid Carcinoma <i>Young Sik Choi (Samsung Internal Medicine MRI Image Informatics)</i>
PE-8	Research Trends on Artificial Intelligence in the Ultrasound-Based Classification of Thyroid Nodules from 2000 to 2024 <i>Hafizh Rizqi (Prince Sattam Bin Abdulaziz Univ., Saudi Arabia)</i>
PE-9	Echoes of Precision: Ultrasound Innovations in Thyroid Nodule Risk Stratification <i>Arul Akash S (ACS Medical College and Hospital, India)</i>



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### Thyroid

PE-10	Minimally Invasive Management of Benign Thyroid Nodules: The Power of Ultrasound-Guided Ablation <i>Madhumitha A (ACS Medical College and Hospital, India)</i>
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### Vascular

PE-1	Ultrasound-Guided Vascular Access in Critical Care: A Systematic Review of Success Rates and Complications <i>Lok Ranjan Rajmohan (ACS Medical College and Hospital, India)</i>
PE-2	Role of Doppler Ultrasound in Diagnosing Deep Vein Thrombosis: A Systematic Review <i>Lok Ranjan Rajmohan (ACS Medical College and Hospital, India)</i>
PE-3	Global Trends in Vascular Ultrasonography Research over the Past Two Decades <i>Nadyatul Husna (Dr. Reksodiwiryo Military Hospital Padang, Indonesia)</i>
PE-4	AI-Driven Inference of Cell-Free Fetal DNA Fragmentation from Raw Ultrasound RF Signals: A Novel Framework for Non-Invasive Placental Genomic Mapping <i>Sahnaz Vivinda Putri (International Univ. Semen Indonesia, Indonesia)</i>
PE-5	A Rare Case of Arteriovenous Fistula after Endovenous Laser Ablation for Saphenous Vein Reflux <i>Sangchul Yun (Soonchunhyang Univ.)</i>
PE-6	Global Research Trends on Deep Vein Thrombosis: A Bibliometric Analysis with Clinical Implications for Vascular Ultrasound <i>Nadyatul Husna (Dr. Reksodiwiryo Military Hospital Padang, Indonesia)</i>
PE-7	Imaging the Invisible: Advanced Ultrasound and MRI Techniques in Stroke and Atherosclerosis Risk <i>Arul Akash S (ACS Medical College and Hospital, India)</i>
PE-8	Role of Contrast-Enhanced Ultrasound in the Detection of Hepatic Artery Thrombosis and Vascular Complications Post-Liver Transplantation <i>Nagaraj S (Muthukumaran Medical College Hospital, India)</i>