# Electronic Poster Presentation Programs

## Neuroradiology

**REP001** Abnormal Functional Connectivity in Breast Cancer Patients with Chemotherapy-related Subjective Cognitive Complaints: A Resting-state Functional Magnetic Resonance Imaging Study
Lei Wang / *Dept. of Radiology, The First Affiliated Hosp., Nanchang Univ.*

**REP002** Preliminary Study on the Application Value of 320-row CT Forward Projected Model-based Iterative Reconstruction Solution(FIRST)for Low-dose Head and Neck CTA
Guoxuan Wang / *Dept. of Radiology, Beijing Hosp., National Center of Gerontology; Institute of Geriatric Medicine, Chinese Academy of Medical Sciences, P.R. China*

**REP003** Predictive Value of Different CT Perfusion Software Regarding 90-day Outcome of Acute Ischemic Stroke Patients with Endovascular Treatment
Ling Li / *Beijing Institute of Geriatrics, Beijing Hosp., National Center of Gerontology, National Health Commission, Institute of Geriatric Medicine, Chinese Academy of Medical Sciences*

**REP004** Risk Factors and Prognosis for Ischemic Growth Rate of Elderly Patients with Acute Ischemic Stroke
Ling Li / *Beijing Institute of Geriatrics, Beijing Hosp., National Center of Gerontology, National Health Commission, Institute of Geriatric Medicine, Chinese Academy of Medical Sciences*

**REP005** A Predictive Nomogram for Malignant Middle Cerebral Artery Infarction in Acute Ischemic Stroke Patients Based on 320-row Multimodal CT
Ling Li / *Beijing Institute of Geriatrics, Beijing Hosp., National Center of Gerontology, National Health Commission, Institute of Geriatric Medicine, Chinese Academy of Medical Sciences*

**REP006** Exploring the Time-stack Technology to Improve the Quality of Brain Perfusion Images
Hong Wang / *Dept. of Radiology, Beijing Hosp., National Center of Gerontology; Institute of Geriatric Medicine, Chinese Academy of Medical Sciences, P.R. China*

**REP007** Optimized Scanning Condition of Forward-projected Model-based Iterative Reconstruction SoluTion for Brain CT Imaging Based on 320-row CT in Head Phantom
Ling Li / *Beijing Institute of Geriatrics, Beijing Hosp., National Center of Gerontology, National Health Commission, Institute of Geriatric Medicine, Chinese Academy of Medical Sciences*

**REP008** Comparison of Forward Projected Model-Based Iterative Reconstruction SoluTion(FIRST) and Adaptive Iterative Dose Reduction 3D(AIDR 3D): A Head Phantom Study
Yao Lu / *Beijing Institute of Geriatrics, Beijing Hosp., National Center of Gerontology, National Health Commission, Institute of Geriatric Medicine, Chinese Academy of Medical Sciences*

**REP009** The Research on Constructing a Multi-dimensional Classification Regression Model of Predicting Cerebral Infarction Based on the Multi-phase CTA and CTP
Zhibing Ruan / *Dept. of Radiology, The Affiliated Hosp. of Guizhou Medical Univ.*

**REP010** White Matter Injury Study in Patients with Sellar Tumor Based on TBSS
Hao Y Wang / *Dept. of Radiology, Affiliated Hosp. of Yunnan Univ.*

**REP011** Application of Deep Learning Reconstruction Algorithm in Brain CT Imaging: Preliminary Clinical Study Based by Ph3 Phantom
Man Wang / *Dept. of Radiology, Peking Union Medical Col. Hosp.*

**REP012** Application Ofdeep Learning Reconstruction Algorithm in Cerebral CTA Imaging: Preliminary Clinical Study Based by PH3 Phantom
Chao Zhang / *Dept. of Radiology, Peking Union Medical Col. Hosp.*

**REP013** Application Value of MTE 4D MRA in the Evaluation of Intracranial Vascular Stenosis
Wenmei Li / *Dept. of Radiology, The First Affiliated Hosp. of Guangxi Medical Univ.*

## Head and Neck

**REP014** Explore the Advantage of Single Energy Metal Artifact Reduction in Head and Neck CT Angiography in Patient with Dental Hardware
Li Zhao / *Dept. of Radiology, Capital Medical Univ., Beijing Friendship Hosp., Pinggu District Hosp.*

**REP015** A Quantitative Morphological Study of Anterior Communicating Aneurysm Rupture Evaluated by 320-row 4D-CTA
Weiwei Yang / *Dept. of Radiology, Wuhan Brain Hosp.*

**REP016** The Application of 320-row 4D-CTA in Assessing the Risk of Rupture of Small (<5mm) Anterior Communicating Aneurysms
Weiwei Yang / *Dept. of Radiology, Wuhan Brain Hosp.*

**REP017** Correlation between Collateral Circulation and Acute Anterior Circulation Cerebral Infarction
Pengfei Chen / *Dept. of Radiology. Wuhan Brain Hosp.*

**REP018** Clinical Value of Four-Quadrant Method Use in CT and MRI to Evaluation of the Orbital Tumor
Gauri Mukhiya / *Yunnan South Central Hosp. (First People's Hosp. of Honghe Hani and Yi Autonomous Prefecture)*

**REP019** Clinical Application Values and Effects Comparison of Three CTA Subtraction Techniques of Vitrea Workstation
Qihui Gong / *Dept. of Radiology. The First Affiliated Hosp. of Chongqing Medical Univ.*

**REP020** Explore the Effects of the Application of Contrast Enhancement Boost Technology in Low Contrast Agent Head and Neck CT Angiography
Mengwen Liu / *Dept. of Radiology, Peking Union Medical Col. Hosp.*

**REP021** Effect of Different Radiation Doses on Image Quality using 320-rows CT in Helical Scanning Mode: A Phantom Study
Guoxuan Wang / *Dept. of Radiology, Beijing Hosp., National Center of Gerontology; Institute of Geriatric Medicine, Chinese Academy of Medical Sciences, P.R. China*

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**REP022** Effect of Different Radiation Doses on Image Quality using Model Based Iterative Reconstruction in 320-rows CT: A Phantom Study
Guoxuan Wang / *Dept. of Radiology, Beijing Hosp., National Center of Gerontology; Institute of Geriatric Medicine, Chinese Academy of Medical Sciences, P.R. China*

**REP023** Explore the Radiation Dose of Helical Scan with Model-based Iterative Reconstruction in Head CTA: A Phantom Study with Clinical Patients
Lei Zhang / *Dept. of Radiology, Beijing Hosp., National Center of Gerontology; Institute of Geriatric Medicine, Chinese Academy of Medical Sciences, P.R. China*

**REP024** Comparison of Helical and Volume Scan Mode with Same Radiation Dose in Head CTA: A Phantom Study with Clinical Patients
Zhaohui Zhong / *Dept. of Radiology, Capital Medical Univ., Beijing Friendship Hosp.*

**REP025** Application of 3D Reconstruction in Cerebral CTA Imaging: Preliminary Study Based by Ph3 Phantom
Kewei Wu / *Dept. of Radiology, Capital Medical Univ., Beijing Friendship Hosp.*

**REP026** The Value of Fast Dynamic Contrast Enhanced MRI and Diffusion-weighted MRI in the Diagnosis of Orbital Masses
Lei Li / *Dept. of Radiology. The Affiliated Hosp. of Yunnan Univ.*

**REP027** Explore the Best Monoenergetic Imaging in Head CT: A Phantom Study
Kewei Wu / *Dept. of Radiology, Capital Medical Univ., Beijing Friendship Hosp.*

**REP028** Image Quality of BrainCTA Images: A Comparison of Low Dose CT Reconstructed by Deep Learning Algorithm and Dual Energy CT
Man Wang / *Dept. of Radiology, Peking Union Medical Col. Hosp.*

**REP029** Image Quality of Brain Parenchyma : A Comparison of Low Dose CT Reconstructed by Deep Learning Algorithm and Dual Energy CT
Chao Zhang / *Dept. of Radiology, Peking Union Medical Col. Hosp.*

## Chest

**REP030** An Enthralling Case of Lung Cavitation in COVID-19 Pneumonia
Cheng Yeow Oo / *Dept. of Radiology, Hosp. Sungai Buloh, Selangor, Malaysia*

## Cardiovascular

**REP031** Effect of 320-row Computed Tomography Acquisition Technology on CT-FFR Assessment Based on Machine Learning: Single- Versus Multiple- Cardiac Periodic Acquisition
Ke Shi / *Dept. of Radiology, The Fourth Affiliated Hosp., Harbin Medical Univ., China*

**REP032** MSCT Diagnosis of Septic Pulmonary Embolism Caused by Right Infective Endocarditis
Zhong Chun Zhou / *Dept. of Radiology, Yanan Hosp. Affiliated to Kunming Medical Univ.*

**REP033** Impact of Different Breath Holding Methods on Image Quality and Radiation Dose of Coronary Artery CT Angiography
Tian Wang / *Dept. of Radiology, Liuzhou People's Hosp.*

**REP034** Application Value of 320-detector Row CT Subtraction Technique in Patients with Mild-moderate Calcification Score
Jun Ren Wang / *The General Hosp. of the Northern Theater of the Chinese People's Liberation Army*

**REP035** Effect of Injection of Contrast Medium on Heart Rate and Radiation Dose in Patients Underwent 320-row CT Coronary Angiography
Tian Wang / *Dept. of Radiology, Liuzhou People's Hosp.*

**REP036** Low Radiation Dose Combined with Low Concentration Contrast Agent in Coronary CT Angiography
Zhaodi Bao / *Dept. of Radiology, Capital Medical Univ., Beijing Friendship Hosp., Pinggu District Hosp.*

**REP037** The Use of Multi-Modality Technology on Reducing the Radiation Dose of Multi-slice CT Coronary Angiography in Normal-weight and Overweight Patients
Mengqiang Xiao / *Dept. of Radiology, Zhuhai Hosp., Guangdong Hosp. of Traditional Chinese Medicine*

**REP038** Diagnostic Value of 320-slice CT Coronary Angiography in Coronary in Stent Restenosis in Patients Undergoing Stenting
Jing Jing Wu / *Dept. of Radiology. The First People's Hosp. of Honghe Autonomous Prefecture*

**REP039** To Investigate the Relationship between Pericoronary Adipose Tissue and Acute Coronary Syndrome Based on 320-slice CT
Shuming Liu / *Shiyan People's Hosp. Affiliated to Hubei Medical Col.*

**REP040** The Pilot Study of Narrowing Exposure Window of the First Generation 320-row CT Coronary Angiography
Rui Peng / *Dept. of Radiology, The Second Affiliated Hosp. of Chongqing Medica! Univ., China*

**REP041** Effect of Plaque Features Based on 320-row CT on Image Quality of Subtraction Coronary CT Angiography
Jinhan Qiao / *Dept. of Radiology, Tongji Hosp., Tongji Medical Col., Huazhong Univ. of Science and Technology*

**REP042** Feasibility of Subtraction Coronary CTA in Evaluating Coronary Artery with Severe Calcium by 320-row CT
Jinhan Qiao / *Dept. of Radiology, Tongji Hosp., Tongji Medical Col., Huazhong Univ. of Science and Technology*

**REP043** Advantages of Comprehensive Cardiac and Aortoiliac Angiography 320-row CT for Planning Transcatheter Aortic Valve Replacement using VHP Scanning Models
Xiaodan Zheng / *Dept. of Radiology, Tongji Hosp., Tongji Medical Col. Huazhong Univ. of Science and Technology*

**REP044** Image Quality Improvement of Coronary Artery Stent in Cardiac CT Angiography by using Forward Projected Model-based Iterative Reconstruction SoluTion(FIRST)
Likun Cao / *Dept. of Radiology, Peking Union Medical Col. Hosp.*

**REP045** The Role of Computed Tomography in the Diagnosis of Rare Congenital Heart Disease: Interrupted Aortic Arch
Yusen Feng / *Dept. of Radiology, Kunming Yan'an Hosp.*

**REP046** Application Value of 320-row Volume CT Ultra Helical Mode in Type 2 Aortic Dissection
Youfa Tang / *Dept. of Radiology, Tongji Hosp., Tongji Medical Col. Huazhong Univ. of Science and Technology*

**REP047** A Study of Single Breath-hold Coronary Subtraction Technology Based on Low-dose Test Method
Yuhuan Yao / *Dept. of Radiology, Tongji Hosp., Tongji Medical Col. Huazhong Univ. of Science and Technology*

**REP048** Improving Image Quality with Deep Learning Reconstruction in 80kv Low Dose Coronary CTA
Ming Wang / *Dept. of Radiology, Peking Union Medical Col. Hosp.*

## Hepatobiliary/Pancreas

**REP049** Application of MRI Texture Analysis in Evaluating Pancreatic Parenchyma Changes in Patients with Type 2 Diabetes Mellitus
Tingde Long / *Affiliated Hosp. of Yunnan Univ.*

**REP050** Image Quality of Solid Tumor of Liver : A Comparison of Automatic Exposure Control and Organ Effective Modulation in CT Scan
Qian Ling Li / *Dept. of Radiology, Shaoxing People's Hosp., Zhejiang Univ. Sch. of Medicine*

## Uroradiology

**REP051** Comparative Study of Different Contrast Agents Based on Tongji Index in Peripheral Vascular Enhancement of ED Patients
Weijia Wan / *Dept. of Radiology, Tongji Hosp., Tongji Medical Col. Huazhong Univ. of Science and Technology*

**REP052** Application of CT Texture Analysis in Evaluating Adrenal Parenchyma Changes in Patients with Essential Hypertension
Ying Pu / *Dept. of Radiology, Affiliated Hosp. of Yunnan Univ.*

**REP053** Application of MRI Texture Analysis in Evaluating Adrenal Parenchyma Changes in Patients with Hypertension
Mingzheng Mao / *Dept. of Radiology. Affiliated Hosp. of Yunnan Univ.*

## Musculoskeletal

**REP054** Comparing the Effectiveness of 3D Printing Technology in the Treatment of Clavicular Fracture between Surgeons with Different Experiences
Mengqiang Xiao / *Dept. of Radiology, Zhuhai Hosp., Guangdong Hosp. of Traditional Chinese Medicine*

**REP055** Comparison of Monoenergetic Imaging and Single Energy Metal Artifact Reduction in Patients with Metal Artifacts after Hip and Knee Arthroplasty
Li Zhao / *Dept. of Radiology, Capital Medical Univ., Beijing Friendship Hosp., Pinggu District Hosp.*

**REP056** Study on the Application Value of Dual-channel Combined Injection in the Simultaneous Imaging of Lower Limb CTA and CTV
Weijia Wan / *Dept. of Radiology, Tongji Hosp., Tongji Medical Col., Huazhong Univ. of Science and Technology,*

**REP057** Optimization Research of New Injection Projection for CT Angiography of Lower Extremity Based on Compound Body Weight Factor
Xingyan Chen / *Dept. of Radiology, Tongji Hosp., Tongji Medical Col. Huazhong Univ. of Science and Technology*

**REP058** Image Quality of Deep Inferior Epigastric Artery Perfora-torflap : A Comparison of Deep Learning Versus Iterative Reconstruction for Non-rigid CEBOOST CT
YUN WANG / *Peking Union Medical Col. Hosp.*

## Whole Body

**REP059** Explore the Improvement of Contrast Enhancement Boost Technology on the Image Quality of Lower Limb CTA
Yang Liu / *Dept. of Radiology, Beijing Hosp.*

**REP060** The Application Value of Deep Learning Reconstruction in Low Dose Aortic CT Angiography
Ming Wang / *Dept. of Radiology, Peking Union Medical Col. Hosp.*

**REP061** The Value of Variable Helical Pitch Method of 320-row CT in Diagnosing Head-to-abdominal Aortic Dissection
Yihan Zhao / *Dept. of Radiology, Kunming Yan'an Hosp.*

**REP062** Application of Low-tube-voltage Technique with AIDR 3D in Performing CT Angiography of Penetrating Vessels of the Circumflex Femoral Arteryflaps
DAN ZHU / *Shanghai Ninth Peoples Hosp., Shanghai JiaoTong Univ. Sch. of Medicine, Dept. of Radiology*

**REP063** The Value of CTimagebased 2D and 3D in the Assessment of the Penetrating Vessels of the Circumflex Femoral Artery Flaps
DAN ZHU / *Shanghai Ninth Peoples Hosp., Shanghai JiaoTong Univ. Sch. of Medicine, Dept. of Radiology*

## Emergency

**REP064** Initial CT-based Three-dimensional Radiomics of Lung Predicting Acute Kidney Injury in Patients with Acute Paraquat Intoxication
Ou Sha / *Dept. of Radiology, Second People's Hosp. of Yunnan Province*

## Miscellaneous

**REP065** Effect of Orbital Synchronized Scanning on Image Quality and Radiation Dose of Head and Neck Deformable Subtraction CTA: Phantom Study
Qihui Gong / *Dept. of Radiology. The First Affiliated Hosp. of Chongqing Medical Univ.*

**REP066** DTI Study on Cognitive Function and Metformin Intervention in Rats with Preeclampsia
Junguo Zhao / *Col. of Medical Imaging, Guizhou Medical Univ.*

★：English Presentation

**REP067** Deep Learning Versus Iterative Reconstruction for Low Dose Time Mip CT in Intercostal Perforating Vessels Imaging

YUN WANG / *Peking Union Medical Col. Hosp.*