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*

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.*

REP067   Deep Learning Versus Iterative Reconstruction for
Low Dose Time Mip CT in Intercostal Perforating
Vessels Imaging
YUN WANG / *Peking Union Medical Col. Hosp.*