



Oral Session 3: Clinical Applications – Others

Session Time: 13:30–15:10, June 29th

Session Chair: Qun Zhao, University of Georgia, Athens, GA., USA

13:30-13:40	EIT1059	Challenges and Benefits of Integrating EIT and MRI: Liver Fat Spectral Modelling in Preclinical Swine Models Qun Zhao, University of Georgia, Athens, GA., USA
13:40-13:50	EIT1026	Feasibility of Noninvasive Electrical Impedance Tomography Monitoring to Predict Neurological Dysfunction after Total Aortic Arch Replacement Chen Yang, Xijing Hospital, Xi'an, China
13:50-14:00	EIT1031	Detection of Severe Cerebral Haemorrhage by a Multi-Frequency Magnetic Induction Tomography Device: A Clinical Trial Ruigang Liu, Hangzhou Utron Technology Co., Ltd., Hangzhou, China
14:00-14:10	EIT1044	Feasibility Study of Cerebral Perfusion Uniformity Monitoring using Electrical Impedance Tomography in Ectothermic Period of Cardiopulmonary Bypass Wenjing Zhu, Northwestern Polytechnical University, Xi'an, China
14:10-14:20	Q&A	
14:20-14:30	EIT1046	Impedance Changes during Seizures Based on Dynamic Cerebral Perfusion EIT: A Preliminary Study Xiaoxiao Bai, Northwestern Polytechnical University, Xi'an, China
14:30-14:40	EIT1088	A Magnetic Induction Phase Sensor for Cerebral Hemorrhage Detection Jie Liu, Army Medical University, Chongqing, China
14:40-14:50	EIT1117	Pilot Clinical Trial of Monitoring Hemorrhagic Transformation after Thrombectomy in Acute Ischemic Stroke Using EIT Hailong Yu, Northern Jiangsu People's Hospital, Yangzhou, China
14:50-15:00	EIT1005	Structural Visualization in Porcine Lymphedema Subcutaneous Adipose Tissue Phantoms by Four-Dimensional Open Electrical Impedance Spectro-tomography (4D-oEIST) Yiqun Tang, Chiba University, Chiba, Japan
15:00-15:10	Q&A	