



POSTER PRESENTATION LIST

Monday 18th June 2018

1. MONTGOMERY Correction of oxygen-induced variations in rSO₂ for autoregulation monitoring
2. BEISHON The assessment of neurovascular coupling in cognitive impairment: a functional TCD study
3. CHACON Multivariate modelling of cerebral autoregulation using lumped parameters and genetic algorithms
4. BEQIRI Autoregulation oriented therapy multicenter trial (COGiTATE)
5. MYLLYLÄ Blood flow and CSF interactions in physiological frequencies in the human brain
6. PANERAI Dynamic cerebral autoregulation during sub-maximal handgrip in patients with heart failure
7. CHACON Complexity-entropy plane: a new approach for assessment of cerebral autoregulation from haemodynamic spontaneous fluctuations
8. FAVRE Reproducibility of Transfer Function Indices of Cerebral Autoregulation during Spontaneous and Induced Pressure Fluctuations
9. KAREMAKER A simple method to quantify cerebral autoregulation
10. KURAZUMI The effects of mild intravascular dehydration on intracranial pressure and cerebral circulation
11. MAXWELL The impact of acute remote ischaemic preconditioning on cerebrovascular function
12. MILANOVIĆ A new model of cerebral autoregulation based on tissue oxygenation levels
13. NOGUEIRA Temporal evolution and clinical impact of cerebral hemodynamic parameters after ischemic stroke submitted to thrombolytic therapy
14. PETKUS Non-Invasive Cerebrovascular Autoregulation Monitoring in Hemodialysis Patients: Pilot Study
15. PUPPO Cerebral autoregulation in septic patients
16. RAHIMALY Changes in middle cerebral artery mean blood velocity during incremental aerobic exercise are similar between healthy active men and women
17. RUSSELL-BUCKLAND WeBCMD: A web-based, cross-platform interface for implementation of the Brain/Circulation Model Developer (BCMD) systems biology framework
18. ZIENKIEWICZ Cardiovascular system and brain monitoring during sauna



POSTER PRESENTATION LIST

Tuesday 19th June 2018

1. ALDEA The cerebrovascular smooth muscle cells as the drivers of lymphatic drainage of the brain
2. BEISHON Neurovascular coupling response to the Addenbrooke's cognitive examination in mild cognitive impairment: a multivariate analysis
3. TACHTSIDIS Multivariate network analysis of cerebral and systemic variables for assessment of brain injury in newborns with hypoxic-ischaemic encephalopathy.
4. TURNER Investigating the effect of blood pressure on brain tissue pulsations
5. BRASSARD The cerebral pressure-flow relationship is similar in the middle and posterior cerebral arteries in response to a sit-to-stand in healthy active women
6. DUARTE Implementing, validating and comparing the transfer function method for cerebral autoregulation analysis
7. BRASSARD Cerebral pressure-flow relationship in response to a sit-to-stand in individuals with post-concussion syndrome
8. JARA Can entropy and complexity measures detect changes in cerebral autoregulation? A preliminary study in stroke patients and healthy subjects
9. KATSOGRIDAKIS A new index for tracking the time varying characteristics of dynamic cerebral autoregulation
10. LALOU Cerebral autoregulation, resistance to CSF outflow and outcome after neurosurgical intervention in adults with normal pressure hydrocephalus.
11. LIU Insights into Current Practice of using External Ventricular Drainage System to Monitor Intracranial Pressure
12. LIU Phase-amplitude coupling between electrophysiological and cerebral blood flow velocity
13. LIU Real-Time Assessment of Verapamil Treatment for Cerebral Vasospasm using a Advanced ICP Signal Processing algorithm
14. LLWYD Cerebrovascular Effects of Remote Ischaemic Conditioning in Combination with Thigh Cuff Manoeuvre
15. NOGUEIRA Cerebral autoregulation and intracranial hypertension: a systematic review and meta-analysis
16. BEISHON Differences in Neurovascular Coupling between healthy younger and older adults with a focus on Alzheimer's disease
17. XIONG Correlation of Impaired Dynamic Cerebral Autoregulation with Autonomic Dysfunction in Patients with Acute Ischemic Stroke