

主な研究課題・発表代表論文

麻酔・蘇生学講座 Anesthesiology

研究領域 脳・神経病態制御医学

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主な研究課題

- ・麻酔時の脳循環・代謝に関する研究
- ・麻酔薬の脳保護作用に関する研究
- ・脊髄虚血の病態と治療に関する研究
- ・脳虚血の病態と治療に関する研究
- ・心臓・大血管手術時の脳障害発生機序と予防法に関する研究

発表代表論文

- 1) Kenji Yoshitani, Mishiya Matsumoto, et al. : Cerebrospinal fluid drainage to prevent postoperative spinal cord injury in thoracic aortic repair. *Journal of Anesthesia* 35 (1) : 43-50, 2021
- 2) Shunichi Murakami, et al. : Excessive dynamic airway collapse during general anesthesia: a case report. *JA Clin Rep* 6: 73, 2020
- 3) Shunichi Murakami, et al. : A Case of Successful Treatment of Cerebral Embolism Using Endovascular Thrombectomy Immediately After Transcatheter Aortic Valve Implantation. *J Cardiothorac Vasc Anesth* 34 (5) : 1275-1280, 2020
- 4) Kazuhiro Ueda, Koji Utada, et al. : Intercostal block vs. epidural analgesia in thoracoscopic lung cancer surgery: a randomized trial. *Gen Thorac Cardiovasc Surg* 68 (3) : 254-260, 2020
- 5) Hidenori Suzuki, Hidenori Harada, et al. : Clinically significant changes in pain along the Pain Intensity Numerical Rating Scale in patients with chronic low back pain. *PLOS ONE* 15 (3) : e0229228, 2020
- 6) Ryo Suzuki, Atsuo Yamashita, et al. : Effect of Autotransfusion Using Intraoperative Predonated Autologous Blood on Coagulopathy during Thoracic Aortic Surgery : A Randomized Controlled Trial. *Ann Thorac Cardiovasc Surg* 25 (6) : 311-317, 2019
- 7) Motoki Namekawa, Kazuyoshi Ishida, et al. : Alkaptonuric Ochronosis and the Failure of Regional Cerebral Tissue Oxygen Saturation Monitoring by Two Different Near-infrared Spectroscopy Devices. *J Cardiothorac Vasc Anesth* 32 (5) : 2286-2288, 2018
- 8) Kenji Yoshitani, Mishiya Matsumoto, et al. : Clinical Utility of Intraoperative Motor-Evoked Potential Monitoring to Prevent Postoperative Spinal Cord Injury in Thoracic and Thoracoabdominal Aneurysm Repair: An Audit of the Japanese Association of Spinal Cord Protection in Aortic Surgery Database. *Anesth Analg* 126 (3) : 763-768, 2018
- 9) Kazuyoshi Ishida, et al. : Cerebrovascular CO₂ reactivity during isoflurane-nitrous oxide

- anesthesia in patients with chronic renal failure. J Anesth 32 (1) : 15-22, 2018
- 10) Takehiko Fukui, et al. : Comparison of the protective effects of direct ischemic preconditioning and remote ischemic preconditioning in a rabbit model of transient spinal cord ischemia. J Anesth 32 : 3-14, 2018