

# American Society of Anesthesiologists Annual meeting 2015

*at San Diego*

## Presentation Schedule

Department of Anesthesiology,  
Sapporo Medical University  
School of Medicine

*Oct 24*

Title	Presenter	Session
Comparison of fluid sealing efficacies of endotracheal tube cuffs using a three-dimensional printed model of the human trachea.	Tomohiko Kimijima, M.D.	Poster Presentations PO08-1 Hall G-Area B 10:00AM – 12:00PM
Usefulness of an infrared earphone-type thermometer in continuous temperature monitoring for pediatrics during general anesthesia.	Yumi Igarashi, M.D.	Poster Presentations PO08-1 Hall G-Area B 10:00AM – 12:00 PM
Relative critical heat transfer effectiveness: Forced-air warming vs. Conductive fabric electric warming.	Haruko Hayashi, M.D.	Poster Presentations PO08-1 Hall G-Area B 10:00AM – 12:00PM
Severity of myasthenia gravis influences the relationship between TOF ratio and twitch tension, and run-down of rat endplate potentials.	Kazunobu Takahashi, M.D., Ph.D.	Poster Presentations PO07-2 Hall G-Area C 3:15 – 5:15PM
Usefulness of self-made genetic testing in malignant hyperthermia patients.	Sho Kumita, M.D.	Poster Presentations PO07-2 Hall G-Area C 3:15 – 5:15PM
Both desflurane and sevoflurane inhibit endothelium-dependent vasodilation by different mechanisms.	Satoshi Kazuma, M.D.	Poster Presentations PO09-1 Hall G-Area D 3:15 – 5:15PM
Different effects of colloid and crystalloid solutions for fluid resuscitation on renal function and blood coagulation in acute hemorrhagic shock rats.	Ryo Miyashita, M.D.	Poster Presentations PO09-1 Hall G-Area D 3:15 – 5:15PM
Effect of propofol and sevoflurane on heating-induced tension generation of vascular smooth muscle in rats.	Motonobu Kimizuka, M.D.	Poster Presentations PO09-1 Hall G-Area D 3:15 – 5:15PM
Effect of albumine on the attenuation of endothelium-dependent vasodilation of rat aorta treated by sialidase.	Satoshi Kazuma, M.D.	Poster Presentations PO09-1 Hall G-Area D 3:15 – 5:15PM
Analgesic effects and safety of abdominal compartment block: comparison of quadratus lumborum block, transversus abdominis plane block, and rectus sheath block after laparoscopic surgery.	Takeshi Murouchi, M.D.	Poster Presentations PO16-1 Hall G-Area B 3:15 – 5:15PM

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*Oct 25*

*Oct 26*

Title	Presenter	Session
Comparison of scoring systems for predicting mortality in emergency room patients with pulmonary disease.	Masayuki Akatsuka, M.D.	Poster Presentations PO06-2 Hall G-Area C 10:00AM - 12:00PM
Validation of the new biomarker presepsin for diagnosis of sepsis.	Ryu Azumaguchi, M.D.	Poster Presentations PO04-2 Hall G-Area C 10:00AM - 12:00PM
Remifentanyl prevents hyperglycemia and hyperlactatemia during cardiopulmonary bypass in children.	Tomohiro Chaki, M.D.	Poster Presentations PO04-2 Hall G-Area B 1:00 - 3:00PM
Assessing the efficacy of inflationary non-invasive blood pressure monitoring during the induction period of general anesthesia.	Ken-ichiro Kikuchi, M.D.	Poster Presentations PO08-2 Hall G-Area C 1:00 - 3:00PM
Correlation of pre-anesthetic stroke volume variation with blood pressure variation during anesthetic induction: Efficacy of the non-invasive cardiac output monitor AESCULON mini®.	Sho Kumita, M.D.	Poster Presentations PO08-2 Hall G-Area C 1:00 - 3:00PM

Title	Presenter	Session
Infiltration of bone marrow-derived microglia into the spinal cord in neuropathic pain model mice following bonemarrow transplantation using busulfan treatment.	Atsushi Sawada, M.D.	Oral Presentations OR03-1 Upper 9 11:00AM - 12:30PM
Effects of sugammadex on postoperative bleeding in cardiac surgery with cardiopulmonary bypass.	Yousuke Kawamukai, M.D.	Poster Presentations PO04-3 Hall G-Area B 1:00 - 3:00PM
Effects of sugammadex on anesthetic management in emergent caesarean section under general anesthesia.	Naoyuki Hirata, M.D., Ph.D.	Poster Presentations PO12-2 Hall G-Area E 1:00 - 3:00PM
Elevation and suppression of paraoxon-induced epileptic activity in the rat hippocampus.	Yukimasa Takada, M.D., Ph.D.	Poster Presentations PO04-2 Hall G-Area C 3:15 - 5:15PM
Optimal dose of intravenous dexmedetomidine evaluated by hemodynamics, respiratory rate and sedation degree for sedation under spinal anesthesia.	Shinichiro Tanahashi, M.D.	Poster Presentations PO16-3 Hall G-Area E 3:15 - 5:15PM
Cardioprotective effect of dexmedetomidine against ischemia/reperfusion injury in hypertensive hypertrophied myocardium.	Yusuke Yoshikawa, M.D.	Poster Discussions PD09-1 Upper 10 3:30 - 5:00PM

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*Oct 27*

Title	Presenter	Session
Accuracy of portable capnometer in children.	Yuko Nawa, M.D., Ph.D.	Poster Discussions PD15-3 Upper 10 7:00 – 8:30AM
Effect of remifentanil during cardiopulmonary bypass on hemodynamics and postoperative renal function.	Wataru Sakai, M.D.	Poster Presentations PO04-4 Hall G-Area B 10:00AM – 12:00PM
Efficacy of programmed intermittent bolus with continuous infusion in combination with patient-controlled epidural analgesia for postoperative pain management after pylorus-preserving pancreaticoduodenectomy.	Yukitoshi Niiyama, M.D., Ph.D.	Poster Presentations PO16-4 Hall G-Area E 10:00AM – 12:00PM
Spread of injectate in serratus plane block: a cadaveric study.	Tatsuya Kunigou, M.D.	Poster Presentations PO16-4 Hall G-Area E 10:00AM – 12:00PM
Ultrasound-guided abdominal compartment blockades: Thiel-embalmed human cadaveric study for spread of injectate.	Takeshi Murouchi, M.D.	Poster Presentations PO16-4 Hall G-Area E 10:00AM – 12:00PM
Effect of propofol on change of vascular tone during cooling and rewarming and its mechanism in rats.	Yukimasa Takada, M.D., Ph.D.	Poster Discussions PO09-2 Hall G-Area A 1:00 – 3:00PM
Both dose and concentration affect the intrathecal spread of local anesthetics in geriatric patients.	Yoshimichi Namba, M.D., Ph.D.	Poster Presentations PO01-2 Hall G-Area E 3:15 – 5:15PM
Do molecularly-targeted agents change practice in palliative care? A 10-year, observational, single-center study.	Soshi Iwasaki, M.D., Ph.D.	Poster Presentations PO03-3 Hall G-Area B 3:15 – 5:15PM

*Oct 27*

Title	Presenter	Session
Five cases of metal-induced artifacts on MRI imaging after switching to the MRI-compatible Medtronic Sure Scan® System and perioperative techniques.	Soshi Iwasaki, M.D., Ph.D.	Poster Presentations PO03-3 Hall G-Area B 3:15 – 5:15PM
Possible mechanism of neuroinflammation induced by surgical procedure in the mouse hippocampus determined by using transcriptome analysis.	Shunsuke Tachibana, M.D.	Poster Presentations PO10-4 Hall G-Area D 10:00 – 12:00PM
Prediction of the molecular mechanism of postoperative nausea and vomiting using transcriptome analysis.	Tomo Hayase, M.D., Ph.D.	Poster Presentations PO03-3 Hall G-Area D 3:15 – 5:15PM

*Oct 28*

Title	Presenter	Session
Remimazolam a new ultra-short acting anesthetic shows similar efficacy and superior hemodynamic stability vs. propofol in general surgery patients with TIVA: Results of a randomised, non-inferiority, Phase IIb/III trial.	Shigehito Sato, M.D., Michiaki Yamakage, M.D., Ph.D.	Poster Discussions PD05-1 Upper 11A 8:00 – 9:30AM

