LOCAL ANESTHESIA & PAIN

A-899 Room A, 10/16/2000 2:00 PM - 4:00 PM (PS)
Analgesia with Continuous Epidural Ropivacaine Facilitates Gastric Emptying after Major Abdominal Surgery *Concezione Tommasino, MD; Carla Martani, MD; Roberto Valeri, MD; Linda Brugali, MD; Marcello Marinelli, MD, Anesthesia and Intensive Care, University of Milano, IRCCS San Raffaele H, Milano, Italy.* Epidural ropivacaine, not iv meperidine, facilitates gastric emptying.

A-900 Room A, 10/16/2000 2:00 PM - 4:00 PM (PS)
Peribulbar Block with Versus without Propofol Sedation *Alain C. Van Elstraete, MD; Thierry Lebrun, MD; Frederic Pastureau, MD, Anesthesiology, Clinique Saint-Paul, Fort de France, Martinique, France.* During peribulbar block, sedation with propofol is useful to avoid unpleasant remembering of the puncture but leads to patients movements and respiratory depression.

A-901 Room A, 10/16/2000 2:00 PM - 4:00 PM (PS)
Anterior Sciatic Nerve Block and Concerns of Femoral Nerve and Artery Trauma: How Likely Are They? *Jerry D. Vloka, MD, PhD; Admir Hadzic, MD, PhD; Mirsad Dupanovic, MD; Kevin Sanborn; Daniel M. Thys, MD, Anesthesiology Department, St.Luke's/ Roosevelt Hospital Center, New York, NY, United States.* Vloka JD et al. Femoral artery or nerve trauma during anterior sciatic nerve block is unlikely.

A-902 Room A, 10/16/2000 2:00 PM - 4:00 PM (PS)
Surgeons and Anesthesiologists Differ in Rating the Benefits and Liabilities of Regional Anesthesia, and in Who Should Choose the Anesthetic *R.S. Weller, MD; J.C. Gerancher, MD, Anesth. Dept., Wake Forest Univ. Sch. of Med., Winston-Salem, NC, United States.* Anesthesiologists perceive more analgesic benefit of regional anesthesia, and surgeons more inefficiency. Both prefer regional for themselves.

Local Anesthesia: Pain - Basic

A-903 Room B, 10/16/2000 2:00 PM - 4:00 PM (PS)
No Difference in Cerebrospinal Fluid Pharmacokinetics of Intrathecally Administered Adenosine in Normal Versus Spinal Nerve Ligated Rats *Carsten Bantel, M.D.; Xinhui Li, Ph.D.; James C. Eisenach, M.D., Dept. of Anesthesiology, Wake Forest Univ. School of Medicine, Winston-Salem, NC, United States.* Adenosine disappears in cerebrospinal fluid within 15 min after one IT bolus injection in neuropathic rats.

A-904 Room B, 10/16/2000 2:00 PM - 4:00 PM (PS)
Quantitative PCR of Opioid Peptide mRNAs Correlates with Stress-Induced Analgesia *Alexander Brack, MD; Heike L. Rittner, MD; Halina Machelska-Stein, PhD; Christoph Stein, MD; Michael Schaefer, MD, Dept Anesthesiology, University Hospital Benjamin Franklin, Berlin, Germany.* Upregulation of POMC and PENK mRNAs in the inflamed hindpaw of the rat occurs in parallel with stress-induced analgesia.

A-905 Room B, 10/16/2000 2:00 PM - 4:00 PM (PS)
Comparison of Intrathecal Drugs on Extraterritorial Allodynia in Rats with Peripheral Mononeuropathy *Asokumar Buvanendran, M.D.; Jeffrey S. Kroin, Ph.D.; Robert J. McCarthy, Pharm.D.; Anthony D. Ivankovich, M.D., Department of Anesthesiology, Rush Medical College, Chicago, IL, United States.* Intrathecal clonidine and neostigimine, but not MK801, reduce extraterritorial mechanical allodynia.

A-906 Room B, 10/16/2000 2:00 PM - 4:00 PM (PS)
Characteristics of Extraterritorial Allodynia in Rats with Peripheral Mononeuropathy *Asokumar Buvanendran, M.D.; Robert J. McCarthy, Pharm.D.; Jeffrey S. Kroin, Ph.D.; Anthony D. Ivankovich, M.D., Department of Anesthesiology, Rush Medical College, Chicago, IL, United States.* Extraterritorial allodynia after sciatic nerve injury was evident in the saphenous and pudendal nerve distributions by day 14.

A-907 Room B, 10/16/2000 2:00 PM - 4:00 PM (PS)
Nociceptive Behavior in Streptozocin-Induced Diabetic Mice Given Intrathecal Substance P, NMDA, and PACAP *Eugene Y. Cheng, MD; Jose J.E. Hernandez, MD; Masahiro Ohsawa, PhD; Hirokazu Mizoguchi, PhD; Leon F. Tseng, PhD, Anesthesiology, Medical College of Wisconsin, Milwaukee, WI, United States.* Spinal nociceptive processing is enhanced in diabetic mice. Substance P, NMDA, and PACAP are involved in this process.

A-908 Room B, 10/16/2000 2:00 PM - 4:00 PM (PS)
Effect of Neuropathic Pain on Nociceptin Expression in the Spinal Cord of the Rat *Anja Gabriel; Stefan Grond; Thomas Meuser; Manohar Sharma; Pamela Pierce Palmer, Department of Anesthesia, University of California, San Francisco, CA, United States.* Sciatic nerve ligation induces changes in the localization and density of nociceptin in spinal cord dorsal horn.

A-909 Room B, 10/16/2000 2:00 PM - 4:00 PM (PS)
Modulation of Serotonin-Induced Plasma Extravasation in the Rat Knee Joint by Nociceptin *Stefan Grond, MD; Anja Gabriel, MD; Christian Pietruck, MD; Guo-Xi Xie, MD; Pamela Pierce Palmer, MD, PhD, Department of Anesthesia, University of California, San Francisco, CA, United States.* Knee joint perfusion of 1 μM nociceptin decreases and that of 1 nM nociceptin increases serotonin-induced inflammation.

A-910 Room B, 10/16/2000 2:00 PM - 4:00 PM (PS)
Effects of Pretreatment with Lidocaine, MK-801 and CNQX on Development of Hyperexcitability after Incision in Spinal Dorsal Horn Neurons *Mikito Kawamata, MD; Eichi Narimatsu, MD; Yoshito Nakayama, MD; Keiichi Omote, MD; Akiyoshi Namiki, MD, PhD, Anesthesiology, Sapporo Medical University, Sapporo, Hokkaido, Japan.* Pretreatment with lidocaine, MK801 and CNQX did not suppress incisional pain.

A-911 Room B, 10/16/2000 2:00 PM - 4:00 PM (PS)
Involvement of Capsaicin Sensitive Primary Afferent in Spinal NMDA-Induced NO and Glutamate Release, and Pain-Related Behavior *Tomoyuki Kawamata, MD; Keiichi Omote, MD; Mikito Kawamata, MD; Akiyoshi Namiki, MD, Anesthesiology, Sapporo Med Univ Sch of Med, Sapporo, Hokkaido, Japan.* Capsaicin sensitive primary afferents are involved in spinal NMDA-induced glutamate release, but not NO release.

A-912 Room B, 10/16/2000 2:00 PM - 4:00 PM (PS)
Gabapentin Attenuate Increased mRNA Gene Expression of NMDA Receptor in Neuropathic Rats *Hae-Kyu Kim, M.D., Ph.D.; Jae-Young Kwon, M.D., Ph.D.; Seong-Wan Baik, M.D., Ph.D.; Sang-Wook Shin, M.D., Ph.D.; Kyung-Hoon Kim, M.D., Department of Anesthesiology, Pusan National University College of Medicine, Pusan, Korea.* Gabapentin produced a dose-dependent decrease in NMDAR mRNA gene expression in neuropathic rats.