NEUROMUSCULAR TRANSMISSION

A-1030 Room 224–226, 10/16/2000 9:00 AM - 10:30 AM (PD)

A-1031 Room 1, 10/16/2000 2:00 PM - 4:00 PM (PS)
Raclopride Recovery: When Is Reversal Unnecessary? Thomas A. Witkowski, M.D.; Richard B. Bartkowski, M.D., Ph.D.; Richard H. Epstein, M.D., Dept. of Anesthesiology, Jefferson Medical College, Philadelphia, PA, United States. Raclopride has a short duration of action with train of four recovery to 80% occurring in 34 minutes. Reversal in cases longer than 1 hr. may not be necessary.

A-1032 Room 1, 10/16/2000 2:00 PM - 4:00 PM (PS)
Succinylcholine-Induced Hyperkalemia in Patients with Complete Spinal Cord Injuries Kyung Yeon Yoo, M.D.; JongUn Lee, M.D.; Hak Song Kim, M.D., Anesthesiology, Chonnam National University Medical School, Kwangju, Korea. We examined the effect of succinylcholine on serum K+ in patients with complete cord injuries and found that vulnerable period seemed to extend from 2 wks to more than 1 yr after the injury.

Neuromuscular Transmission: Neuromuscular Blocking Agents & Monitoring

A-1033 Room 224–226, 10/16/2000 9:00 AM - 10:30 AM (PD)
Neuromuscular Block (NMB) after Mivacurium: Comparison of Larynx, Diaphragm, Adductor Pollicis (AP), Orbicularis Oculi (OO) and Corrugator Supercilli (CS) Thomas M Hemmerting, MD,DEAA; Joachim Schmidt, MD; Tobias Wolf; Christian Hanusa; Hubert Schmidt, MD, Anesthesiology, University Erlangen, Erlangen, Bavaria, Germany. We present determination of NMB at larynx, diaphragm, AP, OO and CS.

A-1034 Room 224–226, 10/16/2000 9:00 AM - 10:30 AM (PD)
The Effect of Single Twitch and Train-of-Four Stimulation on Twitch Forces during Neuromuscular Block Gertjan van Sassen, MD, PhD; Yaclav Fidler, PhD; Maarjen C. Houwertjes; Wiebe M.C. Trøg, MD; Jan M.K.H. Wierda, MD, PhD, Anesthesiology, University Hospital Groningen, Netherlands. ST and T1 forces do not differ and are not affected by preceding stimuli during a stable neuromuscular block in the cat.

A-1035 Room 224–226, 10/16/2000 9:00 AM - 10:30 AM (PD)
2,6-Dichlorobenzyl Quaternaries of Tropinyl Diesters. The Functional Role of the Acid Ester Group in Neuromuscular Block Laszlo Gyermeke, M.D., Ph.D.; Chingnub Lee, M.D.; Young-Moon Cho, Ph.D.; Nguyen B. Nguyen, B.S., Anesthesiology, Harbor UCLA Med. Ctr., Torrance, CA, United States. Changing the glutaryl group to other acids group in 2,6-DClBn tropinyl diesters, yields a better NMB profile than 6-1-64.