

# Publikationen 2010

**Anästhesieabteilung  
Universitäts-Kinderkliniken Zürich**

## A) Originalarbeiten

---

- 1 **Mauch J, Kutter AP, Madjdpour C, Koepfer N, Frotzler A, Bettschart-Wolfensberger R, Weiss M.**  
Electrocardiographic alterations during intravascular application of three different test doses of bupivacaine and epinephrine: experimental study in neonatal pigs.  
Br J Anaesth. 2010;104:94-7
- 2 Green SM, Roback MG, Brown L, Mc Glone RG, Agrawal D, McKee M, **Weiss M**, Pitetti RD, Hostetler MA, Wathen JE, Treston G, Garcia Pena BM, **Gerber AC**, Losek JD, Krauss B.  
Anticholinergics and ketamine sedation in children: a secondary analysis of atropine versus glycopyrrolate.  
Acad Emerg Med. 2010;17:157-62
- 3 **Baulig W, Spielmann N, Zaiter H, Lijovic T, Bettex D, Bürki C, Weiss M.**  
In-vitro evaluation of the PediaSat continuous central venous oxygenation monitoring system.  
Eur J Anaesthesiol. 2010;27:289-94
- 4 **Neuhaus D, Weiss M**, Engelhardt T, **Henze G**, Giest J, Strauss J, Eich C.  
Semi-elective intraosseous infusion after failed intravenous access in pediatric anesthesia.  
Paediatr Anaesth. 2010;20:168-71
- 5 **Dave MH, Koepfer N**, Madjdpour C, **Frotzler A, Weiss M.**  
Tracheal fluid leakage in benchtop trials: comparison of static versus dynamic ventilation model with and without lubrication.  
J Anesth. 2010;24:47-52
- 6 **Weiss M**, Engelhardt T.  
Proposal for the management of the unexpected difficult pediatric airway.  
Paediatr Anaesth. 2010;20:454-64
- 7 **Neuhaus D, Henze G, Frotzler A, Weiss M.**  
Stellenwert der intraossären Infusion in der Kinderanästhesie.  
Eine internet-basierte Umfrage.  
Anaesth Intensivmed. 2010;6:328-34
- 8 **Hoelzle M, Weiss M, Dillier C, Gerber A.**  
Comparison of awake spinal with awake caudal anesthesia in preterm and ex-preterm infants for herniotomy.  
Paediatr Anesth 2010;20:620-4
- 9 **Schmitz A, Salgo B, Weiss M, Dillier CM, Frotzler A, Gerber AC.**  
Intrathekale Opioidmedikation zur perioperativen Analgesie bei schwerbehinderten Kindern mit Wirbelsäulenoperationen.  
Anästhesist. 2010;59:614-20
- 10 **Mauch J, Kutter A.P, Madjdpour C, Spielmann N, Balmer C, Frotzler A, Bettschart-Wolfensberger R, Weiss M.**  
Electrocardiographic changes during continuous intravenous application of bupivacaine in neonatal pigs.  
Br J Anaesth. 2010;105:437-41
- 11 **Dave M.H, Frotzler A, Koepfer N**, Madjdpour C, **Weiss M.**  
Effect of tracheal tube cuff shape on fluid leakage across the cuff: An in vitro study.  
Br J Anaesth. 2010;105:538-43
- 12 **Baulig W, Bettex D, Bürki C, Schmitz A, Spielmann N, Woitzek K, Weiss M.**  
The PediaSat continuous central SvO2 monitoring system does not reliably indicate state or course of central venous oxygenation.  
Eur J Anaesthesiol. 2010;27:720-5
- 13 Eschertzhuber S, **Salgo B, Schmitz A**, Roth W, **Frotzler A**, Keller Ch, **Gerber AC, Weiss M.**  
Cuffed endotracheal tubes in children reduce sevoflurane and medical gas consumption and related costs.  
Acta Anaesthesiol Scand. 2010;54:855-8

- 14 Oswald E, Stalzer B, **Heitz E**, **Weiss M**, Schmugge M, Strasak A, Innerhofer P, Haas Th. Thrombelastometry (ROTEM<sup>®</sup>) in children: age-related reference ranges and correlations with standard coagulation tests and FXIII levels. Br J Anaesth. 2010;105:827-35

## B) Reviews

---

- 1 Eich C, **Weiss M**, **Neuhaus D**, Sasse M, Becke K, Strauss J.  
Intraosseous infusion in paediatric emergency medical care and anaesthesia.  
Anaesth Intensivmed. 2010;2:75-81
- 2 Bernhard M, Gräsner J-T , Gries A , Fischer M , Böttiger BW , Helm M, Eich C, Landsleitner B,  
**Weiss M**, Strauß J, Becke K.  
Die intraossäre Infusion in der Notfallmedizin.  
Anaesth Intensivmed. 2010;6:615-20

## C) Letters

---

- 1 **Weiss M, Henze G, Eich C, Neuhaus D.**  
Intraossäre Infusion - für alle und alles?  
Anästhesist. 2010;59:258-60
- 2 **Gerber AC, Weiss M.**  
Cuffed or uncuffed tubes during anaesthesia in infants and small children.  
Br J Anaesth. 2010;104:388
- 3 **Gerber AC, Weiss M.**  
Those who are late, will be punished by life itself.  
Br J Anaesth. 2010;104: e-letter
- 4 Eich C, **Weiss M, Neuhaus D**, Strauss J, Jöhr M, Becke K.  
Incidence of complications associated with rapid sequence induction (RSI)  
in children – it is a matter of age and technique.  
Paediatr Anaesth 2010;20;895-904
- 5 Helm M, Bernhard M, Gräsner JT, Gries A, Fischer M, Böttiger BW, Eich C, Landsleitner B,  
**Weiss M**, Strauss J, Becke K.  
Erste deutsche Empfehlung zur intraossären Infusion in der Notfallmedizin.  
Anaesth Intensivmed. 2010;9:508-12
- 6 Weiss M, Strauss J, Eich C. Kinderanästhesie: Kleiner Eingriff – grosser Aufwand?  
Die relevanten Tips für den Praktiker  
Current Congress 2010;57:15