

Publikationen 2008

**Anästhesieabteilung
Universitäts-Kinderkliniken Zürich**

A) Originalarbeiten

- 1 Moehrlen U, Ziegler U, **Weiss M**.
Scanning electron-microscopic evaluation of cuff shoulders in pediatric tracheal tubes.
Paediatr Anaesth. 2008; 18: 240-244.
- 2 Horisberger T, Gerber S, Bernet V, **Weiss M**.
Measurement of tracheal wall pressure: a comparison of three different in vitro techniques.
Anaesthesia. 2008; 63: 418-422.
- 3 Baulig W, **Dullenkopf A**, Hasenclever P, Schmid ER, **Weiss M**.
In vitro evaluation of the CeVOX continuous central venous oxygenation monitoring system.
Anaesthesia. 2008; 63: 412-417.
- 4 Knirsch W, Kretschmar O, Tomaske M, Stutz K, Nagdyman N, Balmer C, **Schmitz A**, **Bettex D**,
Berger F, Bauersfeld U, **Weiss M**.
Cardiac output measurement in children: comparison of the Ultrasound Cardiac Output Monitor
with thermodilution cardiac output measurement.
Intensive Care Med. 2008; 34: 1060-1064.
- 5 Tomaske M, Knirsch W, Kretschmar O, **Woitzek K**, Balmer C, **Schmitz A**, Bauersfeld U,
Weiss M.
Cardiac output measurement in children: comparison of Aesculon cardiac output monitor and
thermodilution.
Br J Anaesth. 2008; 100: 517-520.
- 6 Steinberg J, Dave H, Knirsch W, Pretre R, **Weiss M**, Harpes P, Kretschmar O.
Early results of balloon dilatation of the stenotic bovine jugular vein graft in the right ventricular
outflow tract in children.
J Interv Cardiol. 2008; 21: 265-272.
- 7 Hamacher J, Arras M, Bootz F, **Weiss M**, Schramm R, Moehrlen U.
Microscopic wire guide-based orotracheal mouse intubation: description, evaluation and
comparison with transillumination.
Lab Anim. 2008; 42: 222-230.
- 8 Knirsch W, Kretschmar O, Tomaske M, **Stutz K**, Nagdyman N, Balmer C, **Schmitz A**, Berger F,
Bauersfeld U, **Weiss M**.
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cardiac output measurement using thermodilution technique in children during heart
catheterisation.
Anaesthesia. 2008; 63: 851-855.
- 9 **Schmitz A**, Kretschmar O, Knirsch W, **Woitzek K**, Balmer C, Tomaske M, Bauersfeld U,
Weiss M.
Comparison of calculated with measured oxygen consumption in children undergoing cardiac
catheterization.
Pediatr Cardiol. 2008; 29: 1054-1058.
- 10 Bernet V, Doll C, Cannizzaro V, Ersch J, Frey B, **Weiss M**.
Longtime performance and reliability of two different PtcCO₂ and SpO₂ sensors in neonates.
Paediatr Anaesth. 2008; 18: 872-877.
- 11 Knirsch W, **Stutz K**, Kretschmar O, Tomaske M, Balmer C, **Schmitz A**, Berger F, Bauersfeld U,
Weiss M.
Regional cerebral oxygenation by NIRS does not correlate with central or jugular venous
oxygen saturation during interventional catheterisation in children.
Acta Anaesthesiol Scand. 2008; 52: 1370-1374.
- 12 Schubert S, Schmitz T, **Weiss M**, Nagdyman N, Huebler M, Alexi-Meskishvili V, Berger F, Stiller
B.
Continuous, non-invasive techniques to determine cardiac output in children after cardiac
surgery: evaluation of transesophageal Doppler and electric velocimetry.
J Clin Monit Comput. 2008; 22: 299-307.

B) Reviews

- 13 **Gerber AC.**
Cuffed tubes for infants and children in anaesthesia and intensive care: Why we should change to cuffed tubes in paediatric airway management
JPRCC 2008; 4; 3-10.

C) Editorials

- 14 **Weiss M, Gerber AC.**
Rapid sequence induction in children -- it's not a matter of time!
Paediatr Anaesth. 2008; 18: 97-99.

D) Letters to the Editor

- 15 **Gerber AC, Weiss M.**
Intentional use of intra-arterial medications--the wrong message!
Paediatr Anaesth. 2008; 18: 894-895; author reply 895-896.
- 16 Weiss M, Gerber A.
Rapid sequence induction in children - it's not a matter of time! Or is it?
Paediatr Anaesth. 2008; 18: 980.
- 17 **Weiss M, Gerber A.**
Evaluation of cuffed tracheal tube size predicted using the Khine formula in children.
Paediatr Anaesth. 2008; 18: 1105.

E) Buchbeiträge

- 18 **Weiss M** (2008) Überwachung bei diagnostischen und interventionellen Eingriffen.
In: Monitoring in Anästhesie und Intensivmedizin, Hoefl A, Pasch T, Metzler H. (eds.) 397-410.
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