

## **Originalarbeiten:**

Heike Schmitt, Ulrike Billmeier, Walburga Dieterich, Timo Rath, Sophia Sonnewald, Stephen Reid, Simon Hirschmann, Kai Hildner, Maximilian J Waldner, Jonas Mudter, Arndt Hartmann, Robert Grützmann, Clemens Neufert, **Tino Münster**, Markus F Neurath, Raja Atreya. Expansion of IL-23 receptor bearing TNFR2+ T cells is associated with molecular resistance to anti-TNF therapy in Crohn's disease. *Gut* 2018 (online only)

Sipl P, Ganslandt T, Prokosch HU, **Muenster T**, Toddenroth D. Machine learning models of post-intubation hypoxia during general anesthesia. *Stud Health Technol Inform* (2017);243:212-6.

Alexander Tzabazis, Michaela Wiernik, Jan Wielopolski, Wolfgang Sperling, Harald Ihmsen, Hubert J Schmitt and **Tino Muenster**. Intravenous theophylline is the most effective intervention to prolong EEG seizure duration in patients undergoing electroconvulsive therapy. *BMC Anesthesiology* (2017);17:114

Sara Gombert, Mathias Rhein, Mirjam Eberhardt, **Tino Münster**, Stefan Bleich, Andreas Leffler, Helge Frieling. Epigenetic divergence in the TRPA1 promoter correlates with pressure pain thresholds in healthy individuals. *Pain* (2017); 158(4):698-704

Toddenroth D, Ganslandt T, Drescher C, Weith T, Prokosch HU, Schuettler J, **Muenster T**. Algorithmic Summaries of Perioperative Blood Pressure Fluctuations. *Stud Health Technol Inform* (2016);228:532-6.

Esther Eberhardt, **Tino Münster**, Jochen Wurm, Johannes Prottengeier. Anaesthesia and orphan disease: Bloom's syndrome. *Eur J Anaesthesiol.* (2016);33(7):547-9

Florian Kienle, **Tino Münster**, Jochen Wurm and Johannes Prottengeier. Anaesthesia and orphan disease: Microdeletion Syndrome (DiGeorge Syndrome). *EJA* (2015);32(12):888-9

**Tino Münster**, Hoffmann M, Schlaffer S, Ihmsen H, Schmitt H, Alexander Tzabazis, Hubert Schmitt. Anatomical location of the vocal cords in relation to cervical vertebrae: A new predictor of difficult laryngoscopy? *EJA* (2016);32(4):257-62

F. T. Nickel, S. Ott, S. Möhringer, T. Münster, S. Rieß, J. Filitz, W. Koppert and C. Maihöfner. Effects of different anesthetics on pain processing in an experimental human pain model. *Pain Pract* (2016);16(7):820-30

Prottengeier J, **Münster T**, Pohmer S, Schmidt J. Anaesthesia and orphan disease: fragile X syndrome (Martin-Bell syndrome). *EJA* (2015);32(3):215-7

Prottengeier J, **Münster T**, Wintermeyer P, Schmidt J. Anaesthesia and orphan disease: Haddad syndrome (Ondine-Hirschsprung disease). (2014) *EJA*;31(6):338-40

Johannes Prottengeier, Michael Meyer and **Tino Münster**. Transfers of obese patients in European Air Ambulances. *Eur J Emergency Medicine* (2014);21(5):377-9

Hubert J Schmitt, Sandra Huberth, Horst Huber and **Tino Münster**. Distal sciatic nerve block in patients with Charcot-Marie-Tooth disease CMT und DIK. (2014) *BMC Anesthesiology*;14(1):8

Doris Rohde, Hubert J. Schmitt, Andreas Winterpacht and **Tino Münster**. Duchenne muscular dystrophy and Malignant Hyperthermia: a genetic study of the ryanodine receptor in 47 patients. *EJA* (2014) *EJA*;31(6):341-42

**Tino Münster**, Stefanie Eckl, Stefan Leis, Gabriele Göhring-Waldeck, Harald Ihmsen and Christian Maihöfner. Characterization of somatosensory profiles in patients with Crohn's disease *Pain Practice* 2015;15(3):265-71

Andreas Parthum\*, **Tino Münster\***, Horn C, Lautenbacher S, Griessinger N, Sittl R. Wie verändern sich psychologische Variablen der Schmerzverarbeitung nach einer Operation? (2013) *Anästhesiologie und Intensivmedizin*;10:502-9

R. Atreya, H. Neumann, C. Neufert, M. J. Waldner, Y. Zopf, M. Willma, **T. Münster**, H. Kessler, S. Maas, B. Gebhardt, R. Heimke-Brinck, E. Reuter, F. Dörje, T. T. Rau, T. D. Wang, R. Kiesslich, M. Vieth, E. Hannappel & M. F. Neurath In vivo molecular imaging using fluorescent anti-TNF antibodies and confocal endomicroscopy predicts response to biological therapy in Crohn's disease (2014) *Nat med*;20(3):313-8

Oliver Ganslandt, Andreas Merkel, Hubert Schmitt, Alexander Tzabazis, Michael Buchfelder, Ilker Eyupoglu and **Tino Muenster**. The Sitting Position in Neurosurgery: Indications, Complications and Results. A single Institution Experience of 600 Cases. (2013) *Acta Neurochir (Wien)*;155(10):1887-93

Alexander Tzabazis, Hubert Schmitt, Manuel Schmidlein, Ruediger Zimmermann, Jan Wielopolski, **Tino Münster**. Postictal agitation after electroconvulsive therapy: incidence, severity, and propofol as a treatment option. (2013) *J ECT*;29(3):189-95

Heinrich S, Niedermirtl F, Schwemmer U, **Muenster T**, Tzabazis A. Traumatic cardiac arrest in a patient with osteogenesis imperfecta. (2013) *Eur J Anaesth*;30(8):509-11

**Tino Münster**, Nils Tiebel, Hendrikus Seyer and Christian Maihöfner. Modulation of somatosensory profiles by spinal cord stimulation in primary Raynaud's syndrome. (2012) *Pain Pract*;12(6):469-75

**Tino Muenster**, Claudia Mueller, Juergen Forst, Horst Huber and Hubert J Schmitt. Anesthetic management in patients with Duchenne Muscular Dystrophy undergoing orthopedic surgery: a review of 232 cases. (2012) *Eur J Anaesth*;29(10):489-94

Christian Maihöfner, Udo Reulbach, Arnd Dörfler, Peter Fasching, Stefan Renner, **Tino Münster**, Norbert Thürauf, Stefan Schwab, Wolfgang Sperling. Infarction of Primary Sensorimotor Cortex Impairs Pain Perception. (2010) *Cerebrovasc Dis*; 30: 200-1

Christian Jeleazcov, Ljubica Krajinovic, **Tino Münster**, Thorsten Birkholz, Roland Fried, Jürgen Schüttler and Jörg Fechner. Precision and accuracy of a new device (CNAP™) for continuous noninvasive arterial blood pressure monitoring: assessment during general anaesthesia. (2010) *BJA*; 105(3): 264–72

Harald Ihmsen, Joachim Schmidt, Helmut Schwilden, Hubert J. Schmitt and **Tino Muenster**. Influence of Disease Progression on the Neuromuscular Blocking Effect of Mivacurium in Children and Adolescents with Duchenne Muscular Dystrophy. (2009) *Anesthesiology*; 110(5): 1016-9

Harald Ihmsen\*, Vanessa Viethen\*, Juergen Forst, Helmut Schwilden, Hubert J. Schmitt and **Tino Munster**. Pharmacodynamic modeling of rocuronium in adolescents with Duchenne Muscular Dystrophy. (2009) *Eur J Anaesth*; 26:105-10

Kathrin Huehne\*, Stefan Leis\*, **Tino Muenster**, Stefanie Winter, Christian Maihöfner, Thomas Foertsch, Roland Croner, André Reis, Andreas Winterpacht and Bernd Rautenstrauss. High intra- and postsurgical opioid requirement in Crohn's disease is not due to a general change in pain sensitivity or common variants in the ORPM1 and COMT gene. (2009) *Eur J Pain*; 13(10): 1036-42

**Tino Munster**, Juergen Forst, Peter Görlitz and Hubert J. Schmitt. Reversal of rocuronium-induced neuromuscular blockade by pyridostigmine in patients with Duchenne Muscular Dystrophy. (2008) *Ped Anesth*; 18(3): 251-5

Hubert J. Schmitt and **Tino Munster**. Dystrophin deficiency, inhalational anesthetics, and rhabdomyolysis. (2007) *Ped Anesth*; 17(1): 94

Hubert J. Schmitt and **Tino Munster**. Time course of mivacurium-induced neuromuscular blockade in patients suffering from Charcot-Marie-Tooth disease. (2006) *Can J Anaesth*; 53(10): 984-88

**Tino Munster**, Joachim Schmidt, Stefanie Wick, Juergen Forst and Hubert J. Schmitt. Rocuronium 0.3 mg\*kg<sup>-1</sup> (ED95) induces a normal peak effect but an altered time course of neuromuscular block in patients with Duchenne's muscular dystrophy. (2006) *Ped Anesth*; 16(8): 840-45

**Tino Munster** and Hubert J. Schmitt. Mivacurium in Multicore disease. (2006) *Anaesth Int Care*; 34(3): 401

Hubert J. Schmitt, Stefanie Wick and **Tino Munster**. Onset and duration of mivacurium induced neuromuscular blockade in children with Charcot-Marie-Tooth disease. A case series with five children. (2006) *Ped Anesth*; 16(2): 182-7

Joachim Schmidt\*, **Tino Munster\***, Stefanie Wick, Juergen Forst and Hubert J. Schmitt. Onset and duration of mivacurium induced neuromuscular blockade in patients with Duchenne muscular dystrophy. (2005) *Br J Anaesth*; 95(6): 769-72

Hubert J. Schmitt, **Tino Munster** and Dieter Heuss. Anesthesia in Friedreich's ataxia. Correspondence (2005) *Ped Anesth*; 15(11): 1023-24

Steffi Wick\*, **Tino Muenster\***, Joachim Schmidt, Juergen Forst and Hubert J. Schmitt. Onset and duration of rocuronium induced blockade in patients with Duchenne muscular dystrophy. (2005) *Anesthesiology May*; 102(5): 915-9

Hubert J. Schmitt, Stefanie Wick and **Tino Munster**. Rocuronium for muscle relaxation in two children with Friedreich's ataxia. (2004) *Br J Anaesth Apr*; 92(4): 592-6

Joachim Schmidt, **Tino Munster** and Hubert J. Schmitt. Central neural blockade in Charcot-Marie-Tooth disease. (2004) *Can J Anaesth*; Dec 51(10): 1049-50

Joachim Schmitt, Andrea Irouschek, **Tino Munster**, Thomas Hemmerling and Sven Albrecht. A priming technique accelerates onset of neuromuscular blockade at the laryngeal adductor muscles. (2005) *Can J Anaesth Jan*; 52(1): 50-4

**Tino Munster**, John P. Gibbs, PhD, Danny D. Shen, PhD, Daniel E. Furst, MD, and the Hi-Dose HCQ study group. Hydroxychloroquine Concentration-Response Relationships in Patients With Rheumatoid Arthritis. (2002) *Arthr Rheum*; 46(6): 1460-1469

Nicole Scheuren, Holger Bang, **Tino Münster**, Kay Brune and Andreas Pahl. Modulation of transcription factor NF- $\kappa$ B by enantiomers of the nonsteroidal drug ibuprofen. (1998) *Br J Pharmacol*; 123(4): 645-52

Nicole Scheuren, Holger Bang, **Tino Munster**, Kay Brune, Andreas Pahl. Weak inhibitors of cyclooxygenases may exert their antinociceptive effect by modulation of transcription factors. (1997) *Adv Exp Med Biol*; 433: 51-4

## **Reviews/Buchbeiträge:**

Johannes Prottengeier, Thomas Weith and **Tino Münster**. Orphan diseases – impact for anesthesia practice. Offering a systematic approach to an anesthesiological challenge. (2015) Curr opinion Anesth (2015);28(6):691-6

**Tino Münster**. Orphan anesthesia: an initiative of the scientific working group of pediatric anesthesia of the German society of anesthesiology. Paediatr Anaesth (2015);25(10):967

**Tino Münster** und Thomas Weith. Seltene Syndrome in der Anästhesie: Wie komme ich an die wichtigsten Informationen? In: Kompendium Anästhesiologie Eckart, Jaeger, Möllhoff. (2016) 35. Erg.-Lfg. 1/2016

**Tino Münster** und Alexander Tzabazis. Somatische Intervention und Demenz – Einfluss von Chirurgie und Anästhesie auf kognitive Funktionen. (2013) Psych up2date;7:145-160

**Tino Münster** und Doris Rohde. Anästhesie bei neuromuskulären Erkrankungen. In: Kompendium Anästhesiologie Eckart, Jaeger, Möllhoff. 27. Erg.-Lfg. 4/2012

Stephanie Meissner, Hubert Schmitt und **Tino Münster**. Anästhesiologische Aspekte bei Patienten mit Erkrankungen der neuromuskulären Einheit. Anästhes Intensivmed (2009); 47: 722-41

Hubert J. Schmitt and **Tino Munster**. Anesthesia in patients with neuromuscular disorders. Minerva Anesthesiol. (2009) Nov;75(11):632-7

**Tino Münster** und Hubert Schmitt. Anästhesiologische Aspekte bei Patienten mit Erkrankungen der neuromuskulären Einheit. Anästhes Intensivmed (2006); 47: 722-41

**Tino Munster** and Daniel E. Furst, MD. Nonsteroidal Anti-Inflammatory Drugs, Disease-Modifying Antirheumatic Drugs, Nonopioid Analgesics, and Drugs Used in Gout. Bertram G. Katzung. Basic and Clinical Pharmacology, McGraw-Hill New York 2001

**Tino Munster** and Daniel E. Furst, MD. Pharmacotherapeutic strategies for disease-modifying antirheumatic drug (DMARD) combinations to treat rheumatoid arthritis (RA). Clin Exp Rheumatol. (1999) Nov-Dec; 17(6 Suppl 18): S29-36. Review.

Holger Bang, Christine Rascher, **Tino Münster**, Renate Bang, Achim Hörauf, Werner Solbach, Kay Brune and Andreas Pahl. Cyclophilins in a parasitic disease: Leishmaniasis. in Cyclophilin - structure and function. (1996) pp. 144-155.