

Originalarbeiten als Erst- bzw. Letztautor in Peer Reviewed Journals (keine Case Reports, keine Reviews, inklusive einzelner geteilter Erst- bzw. Letztautorenschaften)

Kiss T, Silva PL, Huhle R, Moraes L, Santos RS, Felix NS, Santos CL, Morales MM, Capelozzi VL, Kasper M, Pelosi P, Gama de Abreu M, Rocco PR. Comparison of different degrees of variability in tidal volume to prevent deterioration of respiratory system elastance in experimental acute lung inflammation. *Br J Anaesth*. 2016 May;116(5):708-15.

Guldner A#, **Kiss T**#, Bluth T, Uhlig C, Braune A, Carvalho N, Quast T, Rentzsch I, Huhle R, Spieth P, Richter T, Saddy F, Rocco PR, Kasper M, Koch T, Pelosi P, de Abreu MG. Effects of ultraprotective ventilation, extracorporeal carbon dioxide removal, and spontaneous breathing on lung morphofunction and inflammation in experimental severe acute respiratory distress syndrome. *Anesthesiology*. 2015 Mar;122(3):631-46. (# equal contribution)

Originalarbeiten als Co-Autor in Peer Reviewed Journals (keine Case Reports, keine Reviews)

Canet J, Sabate S, Mazo V, Gallart L, de Abreu MG, Belda J, Langeron O, Hoefl A, Pelosi P, **The PERISCOPE Investigators group**. Development and validation of a score to predict postoperative respiratory failure in a multicentre European cohort: A prospective, observational study. *Eur J Anaesthesiol*. 2015 Feb 13.

Heinke S, Ludwig B, Schubert U, Schmid J, **Kiss T**, Steffen A, Bornstein S, Ludwig S. Diabetes induction by total pancreatectomy in minipigs with simultaneous splenectomy: a feasible approach for advanced diabetes research. *Xenotransplantation*. 2016 Sep;23(5):405-13.

The PROVE Network Investigators. High versus low positive end-expiratory pressure during general anaesthesia for open abdominal surgery (PROVHILO trial): a multicentre randomised controlled trial. *Lancet*. 2014 Aug 9;384(9942):495-503.

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Himmel HM, **Kiss T**, Borvendeg SJ, Gillen C, Illes P. The arginine-rich hexapeptide R4W2 is a stereoselective antagonist at the vanilloid receptor 1: A Ca²⁺ imaging study in adult rat dorsal root ganglion neurons. *Journal of Pharmacology and Experimental Therapeutics*. 2002;301(3):981-6.

Reviews

Kiss T, Bluth T, Heller A. Anesthesia in endourological and robot-assisted interventions. *Anaesthesist*. 2012 August;61(8):733-46.

Theilen H, **Kiss T**, Leimert M, Koch T. Diagnosis and therapy of the non-traumatic subarachnoid haemorrhage. *Anesthesiologie und Intensivmedizin*. 2013 January;54(1):14-25.

Kiss T, Koch T, Gama de Abreu M. Potential clinical applications of variable ventilation. *Netherlands Journal of Critical Care*. 2012 June;16(3):79-83.

Kiss T, Bluth T, Gama de Abreu M. [Does intraoperative lung-protective ventilation reduce postoperative pulmonary complications?]. *Anaesthesist*. 2016 Aug;65(8):573-9.

Kiss T, Bluth T, de Abreu MG. Perioperative complications of obese patients. *Curr Opin Crit Care*. 2016 Aug;22(4):401-5.

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Guldner A, **Kiss T**, Serpa Neto A, Hemmes SN, Canet J, Spieth PM, Rocco PR, Schultz MJ, Pelosi P, Gama de Abreu M. In Reply. *Anesthesiology*. 2015 Dec;123(6):1479-80.

Guldner A, **Kiss T**, Serpa Neto A, Hemmes SN, Canet J, Spieth PM, Rocco PR, Schultz MJ, Pelosi P, Gama de Abreu M. In Reply. *Anesthesiology*. 2016 Apr;124(4):974-5.

Studienprotokolle

Spieth PM, Guldner A, Uhlig C, Bluth T, **Kiss T**, Schultz MJ, Pelosi P, Koch T, Gama de Abreu M. Variable versus conventional lung protective mechanical ventilation during open abdominal surgery: study protocol for a randomized controlled trial. *Trials*. 2014;15:155.

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Buchkapitel

Kiss T, Pelosi P. Lung recruitment techniques in the ICU. In: Andrew Webb DA, Simon Finfer, Luciano Gattinoni, and Mervyn Singer, editor. *Oxford Textbook of Critical Care*. Oxford, UK: 'Oxford University Press'; 2016.

International Abstracts

Guldner A, **Kiss T**, Bluth T, Beda A, Koch T, Gama De Abreu M. Effects of random and pseudo-random variable ventilation on lung function in experimental lung injury. *European Journal of Anaesthesiology*. 2012 June;29:80-1.

Guldner A, **Kiss T**, Bluth T, Koch T, Pelosi P, Gama De Abreu M. Spontaneous breathing improves lung function but may worsen lung injury during ultrprotective ventilation in experimental acute lung injury. *European Journal of Anaesthesiology*. 2013 June;30:183-4.