

Publikationen (inkl. der bereits im Hauptdokument genannten)

	Autor(en)	Jahr	Titel	Quelle
1	Schumacher J, <u>Eichler W</u> , Bauer O, Klotz KF	1998	Perioperative tissue thickness measurement by a new miniature ultrasound device	J Clin Monit Comput 14 : 471-476
2	<u>Eichler W</u> , Sedemund-Adib B, Schumacher J, Klotz KF	1999	Diagnosis, procedure and conservative therapy of a bronchial rupture after intubation with double lumen tube.	AINS 34 : 66-70
3	Schumacher J, Engelke A, Wagner KF, <u>Eichler W</u> , Markert U, Klotz KF	1999	Measurement of peripheral tissue thickness by ultrasound during the perioperative period.	Br J Anaesth 82 : 641-643
4	<u>Eichler W</u> , Eisenbeiß C, Schumacher J, Klaus S, Vogel R, Klotz KF	2000	Changes of interstitial fluid volume in superficial tissues detected by a miniature ultrasound device.	J Appl Physiol 89 : 359-363
5	Eisenbeiß C, Welzel J, <u>Eichler W</u> , Klotz KF	2001	Influence of body water distribution on skin thickness: measurements using high frequency ultrasound	Br J Dermatol 144 : 947-951
6	Roth-Isigkeit A, Dibbelt L, <u>Eichler W</u> , Schumacher J, Schmucker P	2001	Blood levels of atrial natriuretic peptide, endothelin, cortisol and ACTH in patients undergoing coronary artery bypass grafting surgery with cardiopulmonary bypass.	J Endocrinol Invest 24 : 777-785
7	Schumacher J, Russlies M, <u>Eichler W</u> , Großherr M, Klotz KF	2001	Comparison of three different methods of sedation for spinal anesthesia in sheep.	Lab Animal (NY) 30 : 40-44
8	<u>Eichler W</u> , Schumacher J, Roth-Isigkeit A, Braun J, Kuppe H, Klotz KF	2002	Automated evaluation of functional residual capacity by oxygen washout.	J Clin Monit Comput 17 : 195-201

9	Klaus S, <u>Eichler W</u> , Heringlake M, Schmucker P, Bahlmann L	2002	Assessment of fluid balance by measurement of skin tissue thickness during clinical anaesthesia.	Clin Physiol & Func Im 22 : 197-201
10	Bahlmann L, Markert U, Heringlake M, <u>Eichler W</u> , Schmucker P, Klaus S		Mikrodialyse als Verfahren zur Beurteilung einer intestinalen Dysoxie – ein tierexperimenteller Ansatz.	Biomed Tech 48 : 27-30
11	Bartels C, Erasmi A, Sayk F, Eggers R, Dendorfer A, Feyerabend T, <u>Eichler W</u> , Sievers HH	2003	Prophylactic gamma radiation of unaffected vein grafts failed to prevent vein graft disease in a chronic hypercholesterolemic porcine model.	Eur J Cardiothorac Surg 24 : 92-97
12	<u>Eichler W</u> , Bechtel JF, Schumacher J, Wermelt JA, Klotz KF, Bartels C	2003	A rise of MMP-2 and MMP-9 in bronchoalveolar lavage fluid is associated with acute lung injury after cardiopulmonary bypass in a swine model.	Perfusion 18 :107-113
13	Hartog CM, Wermelt JA, Sommerfeld CO, <u>Eichler W</u> , Dalhoff K and Braun J	2003	Pulmonary matrix metallproteinase excess in hospital acquired pneumonia – relation to clinical severity and causative organism.	Crit Care Med 167 : 593-598
14	Klaus S, Staubach KH, <u>Eichler W</u> , Gliemroth J, Heringlake M, Schmucker P, Bahlmann L	2003	Clinical biochemical tissue monitoring during ischaemia and reperfusion in major vascular surgery.	Ann Clin Biochem 40 : 289-291
15	<u>Eichler W</u> , Bechtel JFM, Klaus S, Heringlake M, Hernandez M, Toerber K, Klotz KF, Bartels C	2004	Na ⁺ /H ⁺ exchange inhibitor cariporide: Effects on respiratory dysfunction after cardiopulmonary bypass.	Perfusion 19 (1):33-40
16	<u>Eichler W</u> , Schumacher J, Ohgke H, Klotz KF.	2004	Reuse of a set for total intravenous anaesthesia (2004) Safe against bacterial contamination?	Eur J Anaesthesiol 21 (6):501-503
17	Heringlake M, Heide C, Bahlmann L, <u>Eichler W</u> , Pagel H, Schmucker P, Wergeland R, Armbruster FP, Klaus S	2004	The effects of tilting and volume-loading on plasma levels and urinary excretion of relaxin, NTproANP, and NTproBNP in male volunteers.	J Appl Physiol [online Vorveröffentlichung]
* 18	<u>Eichler W</u> , Frank I, Nehring M, Welsch J, Klotz KF	2004	Hypergravity and dehydration-induced shifts of interstitial fluid in the skin monitored by ultrasound.	Aviat Space Environ Med 75 :760-763

19	Schumacher J, <u>Eichler W</u> , Heringlake M, Siewers M, Siewers HH, Klotz KF	2004	Intercompartmental fluid volume shift during cardiopulmonary bypass measured by A-mode ultrasonography.	Perfusion 19 (5): 277-281.
20	Frank A, Grefer J, Hagelberg S, <u>Eichler W</u>	2005	The role of simulation in training and research.	Biomed Tech (Berlin) 50 : 685-686
21	Heinze H, Schumacher J, Grossherr M, <u>Eichler W</u>	2005	Functional residual capacity assessment by oxygen washout during tracheo-bronchial suctioning.	Biomed Tech (Berlin) 50 :309-310
22	Bechtel JFM, <u>Eichler W</u> , Törber K, Weidtmann B, Hernandez M, Klotz KF, Sievers HH, Bartels C	2005	The Na ⁺ /K ⁺ exchange inhibitor cariporide is washed out from the myocardium by crystalloid cardioplegia.	Thorac Cardiovasc Surg 54 :317-327
23	Schumacher J, Puchakayala MR, Binkowski K, <u>Eichler W</u> , Dendorfer A, Klotz KF.	2006	Effects of candesartan and enalaprilat on the organ-specific microvascular permeability during haemorrhagic shock in rats.	Br J Anaesth 96 :437-443
24	Bechtel JFM, <u>Eichler W</u> , Großherr M, Sievers HH, Bartels C	2007	Lung temperature during cardiopulmonary bypass and the effect of hypothermic ventilation.	Appl Cardiopulm Pathophysiol 11 : 11-16
25	Heinze H, Schaaf B, Grefer J, Klotz KF, <u>Eichler W</u> .	2007	The accuracy of a simple automated method for functional residual capacity assessment during spontaneous breathing	Anesth Analg 104 :589-604
26	Heinze H, Rosemann, C, Weber C, Heinrichs G, Bahlmann L, Misfeld M, Heringlake M, <u>Eichler W</u>	2007	A single prophylactic dose of pentoxifylline reduces high dependency unit time in cardiac surgery.	Eur J Cardiothoracic Surg 32 :83-89
27	Heringlake M, Heinrichs G, Weber CF, Rosemann C, Bahlmann L, <u>Eichler W</u> , Misfeld M, Heinze H	2007	The anti-inflammatory and organ-protective effects of pentoxifylline during cardiac surgery.	Appl Cardiopulm Pathophysiol 11 :17-23
28	Schumacher J, Runte J, Brinker A, Prior K, Heringlake M, <u>Eichler W</u>	2008	Respiratory protection during high fidelity simulated resuscitation of casualties contaminated with chemical warfare agents.	Anaesthesia 12 (Epub ahead)

29	Heinze H, Sedemund-Adib A, Heringlake M, Gosch UW, Gehring H, <u>Eichler W</u>	2009	The impact of different step changes of FiO ₂ on functional residual capacity measurements using the oxygen washout technique in ventilated patients	Anesth Analg 106 : 1491-1494
30	Heinze H, Sedemund-Adib B, Gosch U, <u>Eichler W</u>	2008	Monitoring alveolar derecruitment at bedside using functional residual capacity measurements in cardiac surgery patients.	Appl Cardiopulm Pathophysiol 12 : 27-32
31	Heinze H, Sedemund-Adib B, Heringlake M, Gosch UW, <u>Eichler W</u>	2008	Functional residual capacity changes after different endotracheal suctioning methods.	Anesth Analg 104 : 141-144
32	Gameiro M, <u>Eichler W</u> , Schwandner O, Bouchard R, Schön J, Schmucker P, Bruch HP Hüppe M	2008	Patient mood and neuropsychological outcome after laparoscopic and conventional colectomy.	Surg Innov 15 : 171-178
33	Grossherr M, Bechtel JFM, Heinze H, Klotz K-F, Sievers HH, <u>Eichler W</u>	2008	Effects of pulmonary artery perfusion on gas exchange and alveolar matrix metalloproteinases after cardiopulmonary bypass in a swine model.	Appl Cardiopulm Pathophysiol 13 : 123-129
34	Heinze H, Sedemund-A, Heringlake M, Meier T, <u>Eichler W</u>	2009	Changes of functional residual capacity during weaning from mechanical ventilation – a pilot study.	Anesth Analg 108 : 911-915
35	Iblher P, Iblher H, <u>Eichler W</u>	2009	Neue Wege in der Notfallausbildung von Medizinstudierenden – Evaluation eines multizentrischen, studentisch geleiteten Kurskonzepts.	Anaesthesist 58 : 362-369
36	Heinze H, <u>Eichler W</u>	2009	Measurements of functional residual capacity during intensive care treatment – the technical aspects and its possible clinical applications.	Acta Anaesth Scand 53 : 1121-1130
37	Heinze H, Sedemund-Adib, Heringlake M, Meier T, <u>Eichler W</u>	2010	Relationship between functional residual capacity, respiratory compliance, and oxygenation in patients ventilated after cardiac surgery.	Respir Care 55 : 589-594
38	Bechtel JF, Mühlenbein S, <u>Eichler W</u> , Marx M, Sievers HH	2010	Leukocyte depletion during cardiopulmonary bypass in routine adult cardiac surgery.	Interact Cardiovasc Thorac Surg 12 : 207-212

39	Heinze H, <u>Eichler W</u> , Karsten J, Sedemund-Adib B, Heringlake M, Meier T	2011	Functional residual capacity-guided alveolar recruitment strategy after endotracheal suctioning in cardiac surgery patients.	Crit Care Med 17 (Epub ahead of print)
40	Iblher P, Mahler, H Heinze H, Hüppe M, Klotz KF, <u>Eichler W</u>	2011	Does music harm patients after cardiac surgery? A randomized controlled study.	Appl Cardiopulm Pathophysiol 15 : 14-23
41	Iblher P, Paarmann H, Stuckert K, Werner A, Klotz KF, <u>Eichler W</u>	2013	Interstitial fluid shifts in simulated long-haul flights monitored by a miniature ultrasound device.	Aviat Space Environ Med 84 : 486–490
42	Breuer G, Ahlers O, Beckers S, Breckwoldt J, <u>Eichler W</u> et al	2015	Nationaler Lernzielkatalog „Anästhesiologie“ mit fachspezifischen Aspekten der Bereiche Intensivmedizin, Notfall- und Schmerzmedizin.	Anästh Intensivmed 56 : 546-558

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Ab Nr. 18 = Habilitationen