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Bereiche

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Publikationen (39)

Bloch N, Rüfenacht S, Ludwinek M, Frick W, Kleger G, Schneider F, Albrich W, Flury D, Kuster S, Schlegel M, Kohler P. Healthcare-associated infections in intensive care unit patients with and without COVID-19: a single center prospective surveillance study. *Antimicrob Resist Infect Control* 2023; 12:147.

Pasperski J, Kleger G, Imboden P. Do we need standardized management after termination-of-resuscitation attempts? Autoresuscitation in a 67-year-old woman. *Scand J Trauma Resusc Emerg Med* 2023; 31:62.

Lichtensteiger C, Kobischke M, Berner F, Jochum A, Sinnberg T, Balciunaite B, Purde M, Walter V, Abdou M, Hofmeister K, Kohler P, Vernazza P, Albrich W, Kahlert C, Zoufaly A, Traugott M, Kern L, Pietsch U, Kleger G, Filipovic M, Kneilling M, Cozzio A, Pop O, Bomze D, Bergthaler A, Hasan A, Aberle J, Flatz L. Autoreactive T cells targeting type II pneumocyte antigens in COVID-19 convalescent patients. *J Autoimmun* 2023; 140:103118.

Hensen T, Fässler D, O'Mahony L, Albrich W, Barda B, Garzoni C, Kleger G, Pietsch U, Suh N, Hertel J, Thiele I. The Effects of Hospitalisation on the Serum Metabolome in COVID-19 Patients. *Metabolites* 2023; 13

Waldeck F, Boroli F, Zingg S, Walti L, Wendel-Garcia P, Conen A, Pagani J, Boggian K, Schnorf M, Siegemund M, Abed-Maillard S, Michot M, Que Y, Bättig V, Suh N, Kleger G, Albrich W. Higher risk for influenza-associated pulmonary aspergillosis (IAPA) in asthmatic patients: A Swiss multicenter cohort study on IAPA in critically ill influenza patients. *Influenza Other Respir Viruses* 2022

Wendel-Garcia P, Moser A, Jeitziner M, Aguirre-Bermeo H, Arias-Sánchez P, Apolo J, Roche-Campo F, Franch-Llasat D, Kleger G, Schrag C, Pietsch U, Filipovic M, David S, Stahl K, Bouaoud S, Ouyahia A, Fodor P, Locher P, Siegemund M, Zellweger N, Cereghetti S, Schott P, Gangitano G, Wu M, Alfaro-Farias M, Vizmanos-Lamotte G, Ksouri H, Gehring N, Rezoagli E, Turrini F, Lozano-Gómez H, Carsetti A, Rodríguez-García R, Yuen B, Weber A, Castro P, Escos-Orta J, Dullenkopf A, Martín-Delgado M, Aslanidis T, Perez M, Hillgaertner F, Ceruti S, Franchitti Laurent M, Marrel J, Colombo R, Laube M, Fogagnolo A, Studhalter M, Wengenmayer T, Gamberini E, Buerkle C, Buehler P, Keiser S, Elhadi M, Montomoli J, Guerci P, Fumeaux T, Schuepbach R, Jakob S, Que Y, Hilty M, RISC-19-ICU Investigators. Dynamics of disease characteristics and clinical management of critically ill COVID-19 patients over the time course of the pandemic: an analysis of the prospective, international, multicentre RISC-19-ICU registry. *Crit Care* 2022; 26:199.

Fischer T, El Baz Y, Scanferla G, Graf N, Waldeck F, Kleger G, Frauenfelder T, Bremerich J, Kobbe S, Pagani J, Schindera S, Conen A, Wildermuth S, Leschka S, Strahm C, Wälti S, Dietrich T, Albrich W. Comparison of temporal evolution of computed tomography imaging features in COVID-19 and influenza infections in a multicenter cohort study. *Eur J Radiol Open* 2022; 9:100431.

Fischer T, El Baz Y, Graf N, Wildermuth S, Leschka S, Kleger G, Pietsch U, Frischknecht M, Scanferla G, Strahm C, Wälti S, Dietrich T, Albrich W. Clinical and Imaging Features of COVID-19-Associated Pulmonary Aspergillosis. *Diagnostics (Basel)* 2022; 12

Thoma R, Seneghini M, Seiffert S, Vuichard Gysin D, Scanferla G, Haller S, Flury D, Boggian K, Kleger G, Filipovic M, Nolte O, Schlegel M, Kohler P. The challenge of preventing and containing outbreaks of multidrug-resistant organisms and *Candida auris* during the coronavirus disease 2019 pandemic: report of a carbapenem-resistant *Acinetobacter baumannii* outbreak and a systematic review of the literature. *Antimicrob Resist Infect Control* 2022; 11:12.

Hilty M, Keiser S, Wendel Garcia P, Moser A, Schuepbach R, RISC-19-ICU Investigators for Switzerland, Kleger G. mRNA-based SARS-CoV-2 vaccination is associated with reduced ICU admission rate and disease severity in critically ill COVID-19 patients treated in Switzerland. *Intensive Care Med* 2022

Albrich W, Ghosh T, Ahearn-Ford S, Mikaeloff F, Lunjani N, Forde B, Suh N, Kleger G, Pietsch U, Frischknecht M, Garzoni C, Forlenza R, Horgan M, Sadlier C, Negro T, Pugin J, Wozniak H, Cerny A, Neogi U, O'Toole P, O'Mahony L. A high-risk gut microbiota configuration associates with fatal hyperinflammatory immune and metabolic responses to SARS-CoV-2. *Gut Microbes* 2022; 14:2073131.

RISC-19-ICU Investigators, Selz D, Stephan M, Studhalter M, Redecker H, Hübner T, Marquardt K, Ceruti S, Baltussen Weber A, Perez M, Fleisch I, Marrel J, Bürkle C, Grazioli S, Cereghetti S, Pietsch U, Ristic A, Roche-Campo F, Hilty M, Schuepbach R, Guerci P, Montomoli J, Fumeaux T, Heuberger D, Colak E, Haberthuer C, Gaspert T, Fodor P, Franchitti Laurent M, Meyer Zu Bentrup F, Heise A, Ksouri H, Dullenkopf A, Hillgaertner F, Potalivo A, Turrini F, Colombo R, Wu M, Kleger G, Fogagnolo A, Korsos A, Wengenmayer T, Tschoellitsch T, David S, Yuen B, Alfaro-Farias M, Buehler P, Aguirre-Bermeo H, Rezoagli E, Rodríguez-García R, Salomon P, Laube M, Jeitziner M, Wiegand J, Merki L, Siegemund M, Schott P, Gehring N, Michot M, Ensner R, Lozano-Gómez H, Martín-Delgado M, Lander-Azcona A, Castro P, Wendel Garcia P. Implications of early respiratory support strategies on disease progression in critical COVID-19: a matched subanalysis of the prospective RISC-19-ICU cohort. *Crit Care* 2021; 25:175.

Henzi A, Kleger G, Hilty M, Wendel Garcia P, Ziegel J, RISC-19-ICU Investigators for Switzerland. Probabilistic analysis of COVID-19 patients' individual length of stay in Swiss intensive care units. *PloS one* 2021; 16:e0247265.

Kleger G, Borgquist O, Solar M, Cole J, Jaubert P, Wendel Garcia P, Maggiorini M, Otáhal M, Smid O, Faessler E, Schrag C, Karamasis G, Keeble T, Schmidbauer S, Düring J, Leithner C, Abed-Maillard S, Navarra L, Fässler E, TTM2 Trial Investigators, Nielsen N, Friberg H, Lange T, Langeland H, Vignon P, Cassina T, Bjørkholt Olsen R, McGuigan P, Awad A, Brunetti I, Undén J, Annborn M, Lundin A, Levis A, Haenggi M, Young P, Kirkegaard H, Saxena M, Hovdenes J, Bělohlávek J, Cariou A, Oddo M, Wise M, Rylander C, Ullén S, Levin H, Jakobsen J, Lilja G, Cronberg T, Pelosi P, Storm C, Taccone F, Christensen S, Grejs A, Sweet K, Bewley J, Thomas M, Hollenberg J, Chew M, Nichol A, Erlinge D, Nordberg P, Morgan M, Eastwood G, Callaway C, Joannidis M, Dankiewicz J. Hypothermia versus Normothermia after Out-of-Hospital Cardiac Arrest. *N Engl J Med* 2021; 384:2283-2294.

Meyer Sauteur P, Kleger G, Albrich W. Acute respiratory distress syndrome during the COVID-19 pandemic: not only SARS-CoV-2. *New Microbes New Infect* 2021; 40:100836.

Waldeck F, Kleger G, Pugin J, Maggiorini M, Boggian K, Schrenzel J, Kaiser L, Iten A, Notter J, Flury D, Wendel Garcia P, Suh N, Boroli F, Albrich W. Influenza-associated aspergillosis in critically-ill patients-a retrospective bicentric cohort study. *Eur J Clin Microbiol Infect Dis* 2020; 39:1915-1923.

Beerle N, Hader C, Kleger G, Kägi G, Vehoff J. Das reversible zerebrale Vasokonstriktionssyndrom. *Swiss Medical Forum* 2019; 19:232-236.

Westhall E, Kjaergaard J, Kuiper M, Pellis T, Stammet P, Wanscher M, Wetterslev J, Wise M, Cronberg T, TTM-trial investigators, Fässler E, Hovdenes J, Hassager C, Gasche Y, Rossetti A, van Rootselaar A, Wesenberg Kjaer T, Horn J, Ullén S, Friberg H, Nielsen N, Rosén I, Åneman A, Erlinge D, Kleger G. Standardized EEG interpretation accurately predicts prognosis after cardiac arrest. *Neurology* 2016; 86:1482-90.

Cronberg T, Wanscher M, Bosch F, Cranshaw J, Kleger G, Persson S, Undén J, Walden A, Winkel P, Wetterslev J, Nielsen N, Kuiper M, Hassager C, Friberg H, Lilja G, Horn J, Kjaergaard J, Wise M, Pellis T, Hovdenes J, Gasche Y, Åneman A, Stammet P, Erlinge D, TTM Trial Investigators. Neurologic Function and Health-Related Quality of Life in Patients Following Targeted Temperature Management at 33°C vs 36°C After Out-of-Hospital Cardiac Arrest: A Randomized Clinical Trial. *JAMA Neurol* 2015; 72:634-41.

Bloch A, Schrag C, Fässler E, Kleger G. Classical skin lesions resembling infective endocarditis in a patient with an infected aortic composite graft. *Am J Respir Crit Care Med* 2014; 189:e66-7.

Rigger J, Kleger G, Semela D, Doenecke C, Rodriguez R, Meyenberger C, Köberle D, Sawatzki M. [Malignant hypoglycaemia]. *Praxis (Bern 1994)* 2014; 103:399-403.

Lemmenmeier E, Kohler P, Bruderer T, Goldenberger D, Kleger G, Schlegel M. First documented outbreak of KPC-2-producing *Klebsiella pneumoniae* in Switzerland: infection control measures and clinical management. *Infection* 2014; 42:529–34.

Nielsen N, Bugge J, Hingston C, Juffermans N, Koopmans M, Køber L, Langørgen J, Lilja G, Møller J, Rundgren M, Rylander C, Smid O, Werer C, Winkel P, Friberg H, TTM Trial Investigators, Fässler E, Brunetti I, Bro-Jeppesen J, Wetterslev J, Cronberg T, Erlinge D, Gasche Y, Hassager C, Horn J, Hovdenes J, Kjaergaard J, Kuiper M, Pellis T, Stammert P, Wanscher M, Wise M, Åneman A, Al-Subaie N, Boesgaard S, Kleger G. Targeted temperature management at 33°C versus 36°C after cardiac arrest. *N Engl J Med* 2013; 369:2197–206.

Hottkowitz C, Ammann P, Kleger G, Künzli A, Hack D, Rickli H, Maeder M. Successful management of a case of electrical storm due to invasive endocarditis. *Can J Cardiol* 2012; 28:245.e13–5.

Hundsberger T, Tettenborn B, von Moos R, Fournier J, Anliker M, Gähler A, Fretz C, Kleger G, Cogliatti S, Driessen C. Intravascular lymphoma mimicking cerebral stroke: report of two cases. *Case Rep Neurol* 2011; 3:278–283.

von Rappard J, Leupold D, Felbecker A, Kleger G. Seltene Differentialdiagnose eines akuten Schlaganfalls. *Schweiz Med Forum* 2011; 11:707–708.

Kleger G, Fässler E. Can circuit lifetime be a quality indicator in continuous renal replacement therapy in the critically ill?. *Int J Artif Organs* 2010; 33:139–46.

Altmann D, Korte W, Maeder M, Fehr T, Haager P, Rickli H, Kleger G, Rodriguez R, Ammann P. Elevated cardiac troponin I in sepsis and septic shock: no evidence for thrombus associated myocardial necrosis. *PloS one* 2010; 5:e9017.

Welpe P, Frutiger A, Vanek P, Kleger G. Jejunal feeding tubes can be efficiently and independently placed by intensive care unit teams. *JPEN J Parenter Enteral Nutr* 2010; 34:121–4.

Siebel P, Flügel D, Kleger G. Anti-N-methyl-D-aspartate receptor (anti-NMDA-R) encephalitis with ovarian teratoma – case report. *Schweizerisch Archiv für Neurologie und Psychiatrie* 2009; 160:168–168.

Gerlich M, Krämer A, Gmel G, Maggiorini M, Lüscher T, Rickli H, Kleger G, Rehm J. Patterns of alcohol consumption and acute myocardial infarction: a case-crossover analysis. *Eur Addict Res* 2009; 15:143–9.

Kleger G. [Coma]. *Praxis (Bern 1994)* 2005; 94:1919–23.

Gozzoli V, Treggiari M, Kleger G, Roux-Lombard P, Fathi M, Pichard C, Romand J. Randomized trial of the effect of antipyresis by metamizol, propacetamol or external cooling on metabolism, hemodynamics and inflammatory response. *Intensive Care Med* 2004; 30:401–7.

Bailey D, Kleger G, Holzgraefe M, Ballmer P, Bärtsch P. Pathophysiological significance of peroxidative stress, neuronal damage, and membrane permeability in acute mountain sickness. *J Appl Physiol (1985)* 2003; 96:1459–63.

Kleger G, Turgay M, Imoberdorf R, McNurlan M, Garlick P, Ballmer P. Acute metabolic acidosis decreases muscle protein synthesis but not albumin synthesis in humans. *Am J Kidney Dis* 2001; 38:1199–207.

Fischler L, Erhart S, Kleger G, Frutiger A. Prevalence of tracheostomy in ICU patients. A nation-wide survey in Switzerland. *Intensive Care Med* 2000; 26:1428-33.

Kleger G, Bärtsch P, Vock P, Heilig B, Roberts L, Ballmer P. Evidence against an increase in capillary permeability in subjects exposed to high altitude. *J Appl Physiol* (1985) 1996; 81:1917-23.

Scherrer U, Nicod P, Ballmer P, Fikrle A, Kleger G, Eichenberger U, Savcic M, Delabays A, Vollenweider L, Bärtsch P. Inhaled nitric oxide for high-altitude pulmonary edema. *N Engl J Med* 1996; 334:624-9.

Bärtsch P, Maggi S, Kleger G, Ballmer P, Baumgartner R. Sumatriptan for high-altitude headache. *Lancet* 1994; 344:1445.

Projekte (5)

Cognitive Outcome 1 year after COVID-19 – A Pilot Study (CogCOVID)

Klinische Forschung - 19.10.2021 - 31.12.2022

Automatisch geschlossen

CRIPSI/CRIPSI-X: Covid-19 Risk Prediction in Swiss ICUs-Trial/Extension

Klinische Forschung - 01.08.2020 - 31.08.2022

Automatisch geschlossen

Immediate non-invasive ventilatory (NIV) support in patients with severe respiratory failure on the emergency ward (ED)- Experience of a 6 months pilot

Grundlagenforschung - 01.06.2013 - 01.01.2015

Abgeschlossen

Target temperature management 33° C versus 36°C after out-of hospital cardiac arrest, a randomized, parallel group assessor blinded clinical trial

Klinische Forschung - 01.01.2012 - 19.07.2012

Abgeschlossen

Efficacy and safety of drotrecogin alfa (activated) in adult patients with septic shock

Klinische Forschung - 09.04.2009 - 31.12.2011

Abgeschlossen