

Publikationsübersicht 2025

Hospital surge capacity volunteers in an emergency: a scoping review

Impact: 1

Autor*innen der Klinik: L Torlot, I Schroeder, B Zwißler

Die Anästhesiologie

Natriuretic Peptides as a Predictor for Delirium After Cardiac Surgery: A Prospective Observational Study.

Impact: 2,9

Autor*innen der Klinik: C Huisinga, E Struck, J Heyn, B Zwißler, T Saller

J Clin Med

First come, first failed : The rise and fall of Germany's Triage law

Impact: 1

Autor*innen der Klinik: B Zwißler

Die Anästhesiologie

Post-COVID Fatigue Is Associated With Reduced Cortical Thickness After Hospitalization.

Impact: 3,9

Autor*innen der Klinik: S Frank

Ann Clin Transl Neurol.

ECMO therapies in a low-volume, peripheral hospital

Impact: 1,5

Autor*innen der Klinik: Höchter DJ, P Scheiermann

Med Klin Intensivmed Notfmed

ECMO-care at the crossroads between centralization and regional healthcare realities

Impact: 1,5

Autor*innen der Klinik: Höchter DJ, P Scheiermann

Med Klin Intensivmed Notfmed

Neuraxial anesthesia procedures in the perioperative management of pulmonary hypertension : A literature review with two case reports

Impact: 1

Autor*innen der Klinik: D Hackner, D Lange, C Gräfe, P Scheiermann

Die Anästhesiologie

Publikationsübersicht 2025

In vivo synergistic enhancement of MIF-mediated inflammation in acute lung injury by the plant ortholog Arabidopsis MDL1.

Impact: 4,2

Autor*innen der Klinik: P Scheiermann, A Hoffmann

FASEB J.

Lactate Clearance of the Adsorber Cytosorb® in Critically Ill Patients: A Post-Hoc Analysis of the Cyto-SOLVE Trial.

Impact: 3,9

Autor*innen der Klinik: V Wustrow, C Gräfe, H Graf, P Scheiermann, U Liebchen, C Scharf

Biomedicines

Association of HLA Mismatch With Adverse Cardiovascular Events Following Lung Transplantation: A Single-Center Study.

Impact: 1,9

Autor*innen der Klinik: M Irlbeck, R Tomasi

Clin Transplant

Characterization of Baseline Lung Allograft Dysfunction in Single Lung Transplant Recipients.

Impact: 5

Autor*innen der Klinik: M Irlbeck

Transplantation

Donor-derived cell-free DNA for detection of acute rejection in lung transplant recipients.

Impact: 5,9

Autor*innen der Klinik: M Irlbeck

Front Immunol.

Importance of the neutrophil-to-lymphocyte ratio as a marker for microbiological specimens in critically ill patients after liver or lung transplantation.

Impact: 3,6

Autor*innen der Klinik: M Irlbeck, M Zoller

Infection

Liver transplantation in Candida endocarditis-induced acute-on-chronic liver failure.

Impact: 8,2

Autor*innen der Klinik: M Irlbeck

Am J Transplant.

Publikationsübersicht 2025

Risk Stratification of QTc Prolongations in Hospitalized Cardiology and Gastroenterology Patients Using the Tisdale Score-A Retrospective Analysis.

Impact: 2,9

Autor*innen der Klinik: M Irlbeck

J Clin Med

Challenges in the use of the CytoSorb® adsorber in an intensive care patient with liver dysfunction of unknown origin: a case report.

Impact: 0,8

Autor*innen der Klinik: C Gräfe, M Irlbeck, U Liebchen, C Scharf, H Graf

J Med Case Reports

Multistate modelling of baseline lung allograft dysfunction in lung transplant recipients.

Impact: 4

Autor*innen der Klinik: M Irlbeck

ERJ Open Res. 2025

Pleural Effusions Requiring Thoracocentesis Are Associated With Baseline Lung Allograft Dysfunction and Mortality in Lung Transplant Recipients.

Impact: 1,9

Autor*innen der Klinik: M Irlbeck

Clin Transplant

Impact of frailty in elderly patients undergoing decompressive craniectomy after traumatic brain injury.

Impact: 2,5

Autor*innen der Klinik: T Weig

Neurosurg Rev.

Association of Frailty, Comorbidities and Muscularity With GOS and 30-Day Mortality After TBI in Elderly Patients-A Retrospective Study in 1104 Patients.

Impact: 2,4

Autor*innen der Klinik: T Weig

J Head Trauma Rehabil.

IFN γ in human sepsis: a scoping review.

Impact: 5,5

Autor*innen der Klinik: J Briegel (S Frank, D Lange, C Scharf-Janßen)

Ann Intensive Care.

Publikationsübersicht 2025

Incidence of Sepsis-Induced Coagulopathy (INSIC) Trial: Study Protocol of a Combined Retrospective and Prospective, Multicenter, International, Cross-Sectional, Longitudinal, and Epidemiological Observational Trial.

Impact: 2,9

Autor*innen der Klinik: J Briegel, S Frank

J Clin Med

Impact of prior SARS-CoV-2 infection on perioperative cardiac, pulmonary and neurocognitive complications in older patients: Study protocol for an observative case control study.

Impact: 2,6

Autor*innen der Klinik: D Abramova, PM Haase, AM Just, S Frank, T Saller

PLOS One

Exploring How Ethnoculturally Diverse Surgical Patients and Families Perceive and Deal with Pain Before Hospital Admissions in Ethiopia: Qualitative Descriptive Study.

Impact: 2,7

Autor*innen der Klinik: D Irnich

Healthcare (Basel)

Corticosteroids in sepsis: certainties and shadows.

Impact: 21,2

Autor*innen der Klinik: J Briegel

Intensive Care Med

Working conditions in German intensive care units-A cross-professional analysis

Impact: 1,5

Autor*innen der Klinik: J Briegel

Med Klin Intensivmed Notfmed

Corticosteroids for treating sepsis in children and adults.

Impact: 9,4

Autor*innen der Klinik: J Briegel

Cochrane Database Syst Rev.

Recommendation for medical onboarding and training on internal medicine intensive care units

Impact: 1,5

Autor*innen der Klinik: J Briegel

Med Klin Intensivmed Notfmed

Publikationsübersicht 2025

YoungDGIIN's position on the current debate about the proposed 'Specialist in Emergency Medicine' curriculum

Impact: 1,5

Autor*innen der Klinik: J Briegel

Med Klin Intensivmed Notfmed.

Structured patient handover in intensive care medicine

Impact: 0,7

Autor*innen der Klinik: J Briegel

Dtsch Med Wochenschr.

Astroimmunology: the effects of spaceflight and its associated stressors on the immune system.

Impact: 60,9

Autor*innen der Klinik: A Choukér

Nat Rev Immunol.

Gravity, Microgravity and Artificial Gravity: Physiological Effects, Implementation and Applications.

Impact: 29,9

Autor*innen der Klinik: A Choukér

Physiol Rev

Implementation and Adherence of a Custom Mobile Application for Anonymous Bidirectional Communication Among Nearly 4000 Participants: Insights from the Longitudinal RisCoin Study.

Impact: 2,4

Autor*innen der Klinik: A Choukér, M Tuschen

Infect Dis Rep.

Factors Associated with Impaired Humoral Immune Response to mRNA Vaccines in Patients with Inflammatory Bowel Disease: A Matched-Cohort Analysis from the RisCoin Study.

Impact: 3,4

Autor*innen der Klinik: A Choukér

Vaccines (Basel).

Navigating mental health in space: gut-brain axis and microbiome dynamics.

Impact: 9,5

Autor*innen der Klinik: A Choukér

Publikationsübersicht 2025

Exp Mol Med.

Lunar and Martian gravity alter immune cell interactions with endothelia in parabolic flight.

Impact: 4,1

Autor*innen der Klinik: K Biere, A Choukér, D Moser

NPJ Microgravity

Biological sex as a variable in immunity does not affect parabolic flight-induced alterations in immune responses.

Impact: 5,9

Autor*innen der Klinik: Moser D, Buchheim JI, Biere K, Matzel S, D Amico F, Choukér A, Woehrle T, Feuerecker M

Front Immunol.

Integrative focus on the space exposome-integrome: physiological challenges and practical limits of countermeasures beyond low Earth orbit.

Impact: 4,1

Autor*innen der Klinik: A Choukér

NPJ Microgravity.

Mitochondrial damage drives T-cell immunometabolic paralysis after major surgery.

Impact: 8,3

Autor*innen der Klinik: S Hirschberger, MB Müller, D Effinger, M Bender, O Kushnir, R Tomasi, E Kilger, S Kreth, M Hübner

EMBO Mol Med.

Photoacoustic detection of propofol in breath gas for monitoring depth of anaesthesia: from bench to bedside.

Impact: 9,2

Autor*innen der Klinik: AS Meidert, P Rucz, J Esser, G Schelling

Br J Anaesth

Noradrenergic activation of the basolateral amygdala facilitates memory specificity for similar events experienced close in time.

Impact: 20

Autor*innen der Klinik: G Schelling

Nat Neurosci

Publikationsübersicht 2025

Impact of mild hypo- and hyperventilation on cerebral oxygen supply during general anesthesia.

Impact: 2,1

Autor*innen der Klinik: P Groene, M Rapp, T Ninke, P Conzen, K Hoffmann-Kiefer

Periop Med

Macrophage polarization is associated with postoperative seroma development in breast cancer in the SerMa pilot cohort.

Impact: 3,9

Autor*innen der Klinik: LC Hinske

Sci Rep

Comparing supervised machine learning algorithms for the prediction of partial arterial pressure of oxygen during craniotomy.

Impact: 3,8

Autor*innen der Klinik: AS Gutmann, C Rieder, DJ Hoechter, K Dietz, R Tomasi, LC Hinske

BMC Med Inform Decis Mak

Occupational risk: necrotizing fasciitis in an emergency physician after resuscitation of an infected female patient

Impact: 0,7

Autor*innen der Klinik: L Ney, U Kreimeier

Unfallchirurgie

Peri-interventional Anesthesia Strategies for Transcatheter Aortic Valve Implantation: A Multicenter, Randomized, Controlled, Non-inferiority Trial.

Impact: 38,6

Autor*innen der Klinik: M Feurecker

Circulation

Porcine Lymphotropic Herpesvirus (PLHV) Was Not Transmitted During Transplantation of Genetically Modified Pig Hearts into Baboons.

Impact: 4,9

Autor*innen der Klinik: M Bender, JM Abicht, M Längin

Int J Mol Sci

Airway management in children : What should be known in pediatric anesthesia

Impact: 1

Autor*innen der Klinik: J Henkel, T Ninke

Die Anästhesiologie

Publikationsübersicht 2025

Intravitreal Enzyme Replacement Therapy Slows Retinopathy in Late Infantile Ceroid Lipofuscinosis Type 2.

Impact: 1,2

Autor*innen der Klinik: M Kurz

Neuropediatrics

Validation of computational models simulating injury-related kinematics with muscle activation - obtaining data under general anaesthesia.

Impact: 2,3

Autor*innen der Klinik: S Thaler, P Groene, ST Schaefer

Int J Legal Med

Hyperfibrinolysis Detection During Liver Transplantation Using Viscoelastometry.

Impact: 1,9

Autor*innen der Klinik: S Thaler, A Zorn, I Aster, P Groene

Clin Transplant

Point of care coagulation diagnostics-Absolutely necessary or only a reasonable supplement?

Impact: 1

Autor*innen der Klinik: P Groene

Die Anästhesiologie

The impact of oral anticoagulants on mortality from pneumonia: a propensity score matching analysis

Impact: 2,2

Autor*innen der Klinik: Ryll MJ, I Aster, A Zodl, S Thaler, C Rieder, R Tomasi, P Groene

Curr Med Res Opin

Special considerations in geriatric anesthesiology : Aspects of perioperative management in older adults

Impact: 1

Autor*innen der Klinik: T Saller

Die Anästhesiologie

Individualized Perioperative Blood Pressure Management in Patients Undergoing Major Abdominal Surgery: The IMPROVE-multi Randomized Clinical Trial.

Impact: 55

Autor*innen der Klinik: AS Meidert, J Esser, P Naue, K Vogel

Publikationsübersicht 2025

JAMA

No substantial neurocognitive impact of COVID-19 across ages and disease severity: a multicenter biomarker study of SARS-CoV-2 positive and negative adult and pediatric patients with acute respiratory tract infections.

Impact: 3,6

Autor*innen der Klinik: M Zacharias, T Saller

Infection

Positive suggestions via headphones during general anesthesia for the improvement of vegetative & cognitive postoperative course parameters in elderly orthopedic patients - a randomized controlled double-blinded trial (POSSUDEL).

Impact: 2

Autor*innen der Klinik: S Neitzert, R Neitzert, T Saller

Trials

The Single Question in Delirium as a suitable tool to improve delirium detection in hospitalized older patients.

Impact: 3,6

Autor*innen der Klinik: T Saller

Eur Geriatr Med

Feasibility and Safety of Liberal Fluid Fasting in an Orthogeriatric Department: A Prospective Before-and-After Cohort Study.

Impact: 2,9

Autor*innen der Klinik: T Saller, J Allmendinger, P Knabe, AM Just, R Tomasi

J Clin Med

Correction: Anticholinergic Exposure, Drug Dose and Postoperative Delirium: Comparison of Dose-Related and Non-Dose-Related Anticholinergic Burden Scores in a Retrospective Cohort Study of Older Orthopaedic and Trauma Surgery Patients

Impact: 3,8

Autor*innen der Klinik: T Saller

Drugs Aging

Managing perioperative neurocognitive disorders in geriatric patients: past, present, and future.

Impact: 2,6

Autor*innen der Klinik: T Saller

BMC Anesthesiol.

Publikationsübersicht 2025

Transcranial doppler assessment of preoperative cerebral blood flow velocity in cardiac surgery patients.

Impact: 2,2

Autor*innen der Klinik: T Saller, M Almaghrabi M, E Kilger

J Clin Monit Comput.

[Influence of Preoperative Fluid Intake on Perioperative Outcome

Impact: 0,7

Autor*innen der Klinik: T Saller

Anesthesiol Intensivmed Notfallmed Schmerzther.

Benefits in adults allowed to drink clear liquids before anaesthesia until called to the operating room: A randomised pilot study.

Impact: 6,8

Autor*innen der Klinik: T Saller

Eur J Anaesthesiol.

Correction: Postoperative cognitive dysfunction after beach chair positioning compared to supine position in orthopaedic surgery in the elderly.

Impact: 2,1

Autor*innen der Klinik: P Groene, T Schaller, C Zeuzem-Lampert, M Rudy, T Saller, P Conzen, K Hofmann-Kiefer

Arch Orthop Trauma Surg.

The predictive value of the vasoactive inotropic score in the postoperative treatment of patients suffering from infective endocarditis.

Impact: 3,9

Autor*innen der Klinik: D Wassilowsky

Sci Rep

Albumin and Platelet Loss during the Application of CytoSorb® in Critically Ill Patients: A post hoc Analysis of the Cyto-SOLVE Trial.

Impact: 1,8

Autor*innen der Klinik: CI Brozat, M Zoller, S Frank, C Gräfe, D Rebholz, H Graf, U Liebchen, C Scharf

Blood Purif

Model-informed identification of optimised dosing strategies for meropenem in critically ill patients receiving SLEDD: an observational study.

Impact: 3,6

Publikationsübersicht 2025

Autor*innen der Klinik: C Scharf, M Zoller, U Liebchen

Infection

Real-World Use, Effectiveness, and Safety of Intravenous Fosfomycin: The FORTRESS Study.

Impact: 5,3

Autor*innen der Klinik: M Zoller

Infect Dis Ther

Efficacy of Intravenous Immunoglobulin in Eliminating De Novo Donor-Specific Antibodies After Lung Transplantation: Importance of Early Intervention.

Impact: 3

Autor*innen der Klinik: M Zoller

Transpl Int.

Towards model-informed precision dosing of intravenous linezolid: a multicentre external evaluation of pharmacokinetic models in critically ill adults.

Impact: 8,5

Autor*innen der Klinik: J Starp, M Zoller, C Scharf, S Greppmair, LM Schatz, AK Kunzelmann, U Liebchen

Clin Microbiol Infect

Angiopietin-2 adsorption attempt with the cytokine adsorber cytosorb in critically ill patients.

Impact: 3,9

Autor*innen der Klinik: H Graf, C Gräfe, U Liebchen, M Bender, D Hackner, C Scharf

Sci Rep

Flumazenil infusion in subacute bromazepam intoxication due to chronic abuse

Impact: 1

Autor*innen der Klinik: P Conter, A Fritz

Die Anästhesiologie

Comparison of the ArtekMed mixed reality teleconsultation system with a standard video call system in critical care: user acceptance and feasibility analysis.

Impact: 3,1

Autor*innen der Klinik: N Liebchen

Intensive Care Med Exp

Publikationsübersicht 2025

Optimizing phenobarbital dosing in critically ill patients with refractory and superrefractory status epilepticus using a population pharmacokinetic model.

Impact: 6,6

Autor*innen der Klinik: M Stoschus, J Starp, C Scharf-Janßen, U Liebchen

Epilepsia

Empirical antibiotic therapy in life-threatening infections-current concepts and controversies

Impact: 1

Autor*innen der Klinik: U Liebchen

Die Anästhesiologie

Statistical Analysis and Reporting of Cardiac Output Method Comparison Studies (COMPARE) Statement.

Impact: 9,1

Autor*innen der Klinik: AS Meidert

Anesthesiology.

Intra-operative haemodynamic monitoring and management of adults having noncardiac surgery

Impact: 6,8

Autor*innen der Klinik: AS Meidert

Eur J Anaesthesiol.

Critical risks of haemoadsorption for COVID-19 patients and directions for future evaluations: a nationwide propensity score matched cohort study.

Impact: 3,9

Autor*innen der Klinik: C Scharf

Sci Rep

Extracorporeal myoglobin elimination using the adsorber CytoSorb or the high-flux HF80 dialyzer for patients with severe rhabdomyolysis: a comparative study.

Impact: 4,6

Autor*innen der Klinik: C Scharf

Clin Kidney J

Hemoadsorption therapy in severe rhabdomyolysis: a report from the international, prospective COSMOS (CytOSorb® TreatMent of Critically ill PatientS) registry.

Impact: 3

Autor*innen der Klinik: C Scharf

Ren Fail

Publikationsübersicht 2025

S3 guideline on sepsis-prevention, diagnosis, therapy, and follow-up care-update 2025

Impact: 1,5

Autor*innen der Klinik: C Scharf-Janssen

Med Klin Intensivmed Notfmed

Kidney REPLACEMENT therapies in patients with acute kidney injury and RHABDOMYOLYSIS (ReplaceRhabdo): a pilot trial.

Impact: 2,4

Autor*innen der Klinik: C Scharf-Janssen

BMC Nephrol

Spontaneous diuresis in combination with furosemide stress test (SD-FST) as predictor for successful liberation from kidney replacement therapy: a prospective observational study.

Impact: 9,3

Autor*innen der Klinik: C Scharf-Janssen

Crit Care

An atypical atherogenic chemokine that promotes advanced atherosclerosis and hepatic lipogenesis.

Impact: 15,7

Autor*innen der Klinik: A Hoffmann

Nat Comm

Safety and efficacy of 6% hydroxyethyl starch in patients undergoing major surgery: The randomised controlled PHOENICS trial.

Impact: 6,8

Autor*innen der Klinik: ST Schaefer, S Thaler

Eur J Anaesthesiol.

Five-Gene Expression Signature Associated With Acquired FOLFIRI Resistance and Survival in Metastatic Colorectal Cancer.

Impact: 4,2

Autor*innen der Klinik: L Torlot

Lab Invest.

Effects of a general practitioner-led brief narrative exposure intervention on symptoms of post-traumatic stress disorder after intensive care (PICTURE): multicentre, observer blind, randomised controlled trial.

Publikationsübersicht 2025

Impact: 42,7

Autor*innen der Klinik: B Zwißler (J Briegel, M Irlbeck, L Ney, G Schelling, D Wassilowski, M Weiß)

BMJ

Perioperative management of anesthesia in heart failure

Impact: 1

Autor*innen der Klinik: C Klapproth, M Bender, T Ninke, T Wöhrle, E Kilger

Anaesthesiologie.

Impact:

Autor*innen der Klinik:

Impact:

Autor*innen der Klinik:

Titel

Impact: IF 2024

Autor*innen der Klinik: Investigators ANA

Journal

Patient perspectives on stress after ICU and a short primary care based psychological intervention - results from a qualitative sub-study of the PICTURE trial.

Impact: 2,6

Autor*innen der Klinik: J Briegel, M Irlbeck, L Ney, G Schelling, D Wassilowski, M Weiß, B Zwißler

BMC Prim Care

Characteristics and outcomes of older patients undergoing out- versus inpatient surgery in Europe. A secondary analysis of the Peri-interventional Outcome Study in the Elderly (POSE).

Impact: 2

Autor*innen der Klinik: P Groene, D Hoechter, K Hoffmann-Kiefer, M Kamrath, T Saller, R Tomasi, C Zeuzem-Lampert, B Zwißler

Acta Anaesthesiol Scand.

Clinical value of circulating bioactive adrenomedullin for prediction of outcome and hydrocortisone response in sepsis patients-a post-hoc analysis of the HYPRESS trial.

Publikationsübersicht 2025

Impact: 3,6

Autor*innen der Klinik: J Briegel, S Frank, D Lange, C Scharf-Janßen

Infection

Treatment effect of intravenous high-dose selenium in sepsis phenotypes: a retrospective analysis of a large multicenter randomized controlled trial.

Impact: 3,8

Autor*innen der Klinik: J Briegel

J Intensive Care.

Effects of delayed consent on patient characteristics in adult patients with sepsis.

Impact: 21,2

Autor*innen der Klinik: J Briegel

Intensive Care Med.

A Pooled Pharmacokinetic Analysis for Piperacillin/Tazobactam Across Different Patient Populations: From Premature Infants to the Elderly.

Impact: 4

Autor*innen der Klinik: M Zoller

Clin Pharmacokinet

Extended pharmacological thromboprophylaxis and clinically relevant venous thromboembolism after major abdominal and pelvic surgery: international, prospective, propensity score-weighted cohort study.

Impact: 8,8

Autor*innen der Klinik: D Hackner

Br J Surg

Global anaesthesia practice using inguinal hernia surgery as a tracer condition: a secondary analysis of an international prospective cohort study.

Impact: 6,9

Autor*innen der Klinik: D Hackner

Anesthesia

Clinical Practice Guideline: Preventive Measures and Treatment Options for Atrial Fibrillation.

Impact: 7,1

Autor*innen der Klinik: E Kilger

Dtsch Arztebl Int.