

Publikationen

Originalarbeiten aus dem Bereich internistische Intensivmedizin im AKH, die seit 2000 in Top-Journalen publiziert wurden, aufgelistet nach Themenschwerpunkten:

Angina pectoris, Myokardinfarkt, Kardiogener Schock, kardiovaskuläre Interventionen

<p>Beran G, Lang I, Schreiber W, Denk St, Stefenelli Th, Syeda B, Maurer G, Glogar D, Siostrzonek P. Intracoronary Thrombectomy with the X-Sizer Catheter System Improves Epicardial Flow and Accelerates ST-Segment Resolution in Patients With Acute Coronary Syndrome. <i>Circulation</i> 2002; 105: 2355-2360</p>
<p>Bur A, Bayegan K, Holzer M, Herkner H, Schreiber W, Siostrzonek P, Hirschl M, Laggner A.N, Domanovits H. Intra-aortic balloon counterpulsation in the emergency department: a 7-year review and analysis of predictors of survival. <i>Resuscitation</i> 2002; 53: 259-264</p>
<p>Derhaschnig U, Laggner AN, Röggl M, Hirschl MM, Kapiotis S, Marsik C, Jilma B. Evaluation of coagulation markers for early diagnosis of acute coronary syndromes in the emergency room. <i>Clin Chem</i> 2002; 48: 1924-1930</p>
<p>Domanovits H, Schillinger M, Paulis M, Rauscha F, Thoenissen J, Nikfardjam M, Laggner A.N. Acute chest pain – a stepwise approach, the challenge of the correct clinical diagnosis. <i>Resuscitation</i> 2002; 55: 9-16</p>
<p>Frossard M, Fuchs I, Leitner JM, Hsieh K, Vlcek M, Losert H, Domanovits, H, Schreiber W, Laggner AN, Jilma B. Platelet function predicts myocardial damage in patients with acute myocardial infarction. <i>Circulation</i> 2004; 110: 1392-1397</p>
<p>Geppert A, Steiner A, Delle-Karth G, Heinz G, Huber K. Usefulness of procalcitonin for diagnosing complicating sepsis in patients with cardiogenic shock. <i>Intensive Care Med.</i> 2003; 29:1384-1389</p>
<p>Geppert A, Steiner A, Zorn G, Delle-Karth G, Koreny M, Haumer M, Siostrzonek P, Huber K, Heinz G. Multiple organ failure in patients with cardiogenic shock is associated with high plasma levels of interleukin-6. <i>Crit Care Med</i> 2002; 30: 1987-1994</p>
<p>Grimm M, Czerny M, Baumer H, Kilo J, Madl Ch, Kramer L, Rajek A, Wolner E. Normothermic cardiopulmonary bypass is beneficial for cognitive brain function after coronary artery bypass grafting – a prospective randomized trial. <i>Eur J Cardiothorac Surg</i> 2000; 18: 270-275</p>
<p>Gyöngyösi M, Glogar D, Weidinger F, Domanovits H, Laggner AN, Wojta J, Zorn G, Jordanova N, Huber K. Association between plasmin activation system and intravascular ultrasound signs of plaque instability in patients with unstable angina and non-ST-segment elevation myocardial infarction. <i>Am Heart J</i> 2004; 147: 158-164</p>
<p>Herkner H, Thoenissen J, Nikfardjam M, Koreny M, Laggner AN, Müllner M. Short versus prolonged bed rest after uncomplicated acute myocardial infarction: A systematic review and meta-analysis. <i>J Clin Epidemiol</i> 2003, 56: 775-781</p>
<p>Herkner H, Waldenhofer U, Laggner A.N, Müllner M, Oschatz E, Spitzauer S, Gamper G, Bur A, Hirschl MM. Clinical application of rapid quantitative determination of cardiac troponin-T in an emergency department setting. <i>Resuscitation</i> 2001; 49: 259-264</p>

<p>Koreny M, Karth GD, Geppert A, Neunteufl T, Priglinger U, Heinz G, Siostrzonek P. Prognosis of patients who develop acute renal failure during the first 24 hours of cardiogenic shock after acute myocardial infarction. Am J Med 2002; 112: 115-119</p>
<p>Koreny M, Koller Strametz J, Geppert A, Delle Karth G, Heinz G, Maurer G, Siostrzonek P. Elevation of prostatic markers following cardiogenic shock. Intensive Care Med. 2001; 27: 447</p>
<p>Nikfardjam M, Müllner M, Schreiber W, Oschatz E, Exner M, Domanovits H, Laggner AN, Huber K. The association between C-reactive protein on admission and mortality in patients with acute myocardial infarction. J Intern Med 2000; 247:341-345</p>
<p>Schreiber W, Herkner H, Koreny M, Bur A, Hirschl M.M, Glogar D, Huber K, Laggner A.N. Predictors of survival in unselected patients with acute myocardial infarction requiring continuous catecholamine support. Resuscitation 2002; 55: 269-276</p>
<p>Zimpfer D, Czerny M, Kilo J, Kasimir MT, Madl C, Kramer L, Wieselthaler GM, Wolner E, Grimm M Cognitive deficit after aortic valve replacement. Ann-Thorac-Surg. 2002; 74: 407-112</p>

Aortenaneurysma/Aortendissektion

<p>Domanovits H, Schillinger M, Müllner M, Hölzenbein T, Janata K, Bayegan K, Laggner A.N. Acute phase reactants in patients with abdominal aortic aneurysm. Atherosclerosis 2002; 163: 297-302</p>
<p>Meron G, Kürkcıyan I, Sterz F, Tobler K, Losert H, Sedivy R, Laggner AN, Domanovits H. Non-traumatic aortic dissection or rupture as cause of cardiac arrest: presentation and outcome. Resuscitation 2004; 60: 143-150</p>
<p>Schillinger M, Domanovits H, Bayegan K, Hölzenbein Th, Grabenwöger M, Thoenissen J, Röggla M, Müllner M. C-reactive protein and mortality in patients with acute aortic disease. Intensive Care Med 2002; 28:740-745</p>
<p>Schillinger M, Domanovits H, Ignatescu M, Exner M, Bayegan K, Sedivy R, Polterauer P, Laggner A.N, Minar E, Kostner K. Lipoprotein(a) in patients with aortic aneurysmal disease. J of Vascular Surgery 2002; 36: 25-30</p>
<p>Wagner A, Domanovits H, Holzer M, Kofler J, Röggla M, Müllner M, Oschatz E, Prager M, Grimm M, Sterz F, Laggner A.N. Plasma endothelin in patients with acute aortic disease. Resuscitation 2002; 53: 71-76</p>

Hämatolo-Onkologie

<p>Schellongowski P, Benesch M, Lang T, Traunmuller F, Zauner C, Laczika K, Locker GJ, Frass M, Staudinger T. Comparison of three severity scores for critically ill cancer patients. Intensive Care Med 2004; 30: 430-436</p>
<p>Staudinger T, Stoiser B, Mullner M, Locker GJ, Laczika K, Knapp S, Burgmann H, Wilfing A, Kofler J, Thalhammer F, Frass M. Outcome and prognostic factors in critically ill cancer patients admitted to the intensive care unit. Crit Care Med 2000; 28:1322-1328</p>

Hämostaseologie und Gerinnungstherapie

<p>Derhaschnig U, Bergmair D, Marsik C, Schlifke I, Wijdenes J, Jilma B. Effect of interleukin-6 blockade on tissue factor-induced coagulation in human endotoxemia. Crit Care Med 2004; 32: 1136-1140</p>
<p>Derhaschnig U, Pachinger C, Jilma B. Variable inhibition of high-shear-induced platelet plug formation by eptifibatide and tirofiban under conditions of platelet activation and high von Willebrand release: A randomized, placebo-controlled, clinical trial. Am Heart J 2004; 147:e17</p>
<p>Derhaschnig U, Pachinger C, Schweeger_Exeli I, Marsik C, Jilma. Blockade of GPIIb/IIIa by eptifibatide and tirofiban does not alter thrombin induced generation in human endotoxemia. Thromb Haemost 2003; 90: 1054-1060</p>
<p>Derhaschnig U, Pernersdorfer T, Knechtelsdorfer M, Hollenstein U, Panzer S, Jilma B. Evaluation of antiinflammatory and antiadhesive effects of heparins in human endotoxemia. Crit Care Med 2003; 31: 1108-1112</p>
<p>Derhaschnig U, Reiter R, Knöbl P, Baumgartner M, Keen P, Jilma B. Recombinant human activated protein C (rhAPC; drotrecogin alfa [activated]) has minimal effect on markers of coagulation, fibrinolysis, and inflammation in acute human endotoxemia. Blood 2003; 102: 2093-2098</p>
<p>Laczika K, Knapp S, Derfler K, Soleiman A, Horl WH, Druml W. Immunoabsorption in Goodpasture's syndrome. Am J Kidney Dis 2000 36:392-395.</p>
<p>Laczika K, Lang IM, Quehenberger P, Mannhalter C, Muhm M, Klepetko W, Kyrle PA. Unilateral chronic thromboembolic pulmonary disease associated with combined inherited thrombophilia. Chest 2002; 121: 286-289</p>
<p>Priglinger U, Delle Karth G, Geppert A, Joukhadar C, Graf S, Berger R, Hülsmann M, Spitzauer S, Pabinger I, Heinz G. Prophylactic anticoagulation with enoxaparin: Is the subcutaneous route appropriate in the critically ill? Crit Care Med 2003, 31: 1405-1409</p>
<p>Staudinger T, Frass M, Rintelen C, Quehenberger P, Wagner O, Stoiser B, Locker GJ, Laczika K, Knapp S, Watzke H. Influence of prothrombin complex concentrates on plasma coagulation in critically ill patients. Intensive Care Med. 1999; 25: 1105-1110</p>
<p>Wenzel C, Stoiser B, Locker GJ, Laczika K, Quehenberger P, Kapiotis S, Frass M, Pabinger I, Knobl P. Frequent development of lupus anticoagulants in critically ill patients treated under intensive care conditions. Crit Care Med 2002; 30: 763-70</p>

Ernährung, Stoffwechsel

<p>Funk GC, Zauner C, Bauer E, Oschatz E, Schneeweiss B Compensatory hypochloreaemic alkalosis in diabetic ketoacidosis Diabetologia 2003;46:871-873</p>
<p>Schindler K, Zauner Ch, Buchmayer H, Födinger M, Wölfl G, Bieglmayer C, Heinz G, Wilfing A, Hörl W, Sunder-Plassmann G High prevalence of hyperhomocysteinemia in critically ill patients Crit Care Med 2000;28:991-995</p>
<p>Zauner C, Rabitsch W, Schneeweiss B, Schiefermeier M, Greinix HT, Keil F, Ratheiser K, Kalhs P Energy and substrate metabolism in patients with chronic extensive graft versus host disease Transplantation 2001; 71: 524-528</p>
<p>Zauner C, Schuster BI, Schneeweiss B Similar metabolic response to a standardized total parenteral nutrition of septic and non-septic</p>

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Zauner Ch, Schneeweiss B, Kranz A, Madl Ch, Ratheiser K, Kramer L, Roth E, Schneider B, Lenz K Resting energy expenditure in short-term starvation is increased due to an increase in serum norepinephrine Am J Clin Nutr 2000; 71: 1511-1515

Infektionen – Sepsis – Septischer Schock – Multiorganversagen

Branger J, Knapp S, Weijer S, Leemans JC, Pater JM, Speelman P, Florquin S, van der Poll T. Role of Toll-like receptor 4 in gram-positive and gram-negative pneumonia in mice. Infect Immun 2004; 72: 788-794
Delle Karth G, Koreny M, Binder T, Knapp S, Zauner C, Valentin A, Honninger R, Heinz G, Siostrzonek P. Complicated infective endocarditis necessitating ICU admission: clinical course and prognosis. Crit Care 2002; 6: 149-154
Frossard M, Joukhadar C, Erovic BM, Dittrich P, Mrass Pem Van Houte M, Burgmann H, Georgopoulos A, Müller M. Distribution and antimicrobial activity of fosfomycin in the interstitial fluid of human soft tissues. Antimicrob Agents Chemother 2000, 44: 2728-2732
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Traunmuller F, Schenk P, Mittermeyer Ch, Thalhammer-Scherrer R, Ratheiser K, Thalhammer F Clearance of ceftazidime during continuous venovenous haemofiltration in critically ill patients J-Antimicrob-Chemother. 2002; 49: 129-134
Traunmuller F, Thalhammer-Scherrer R, Locker GJ, Losert H, Schmid R, Staudinger T, Thalhammer F. Single-dose pharmacokinetics of levofloxacin during continuous veno-venous haemofiltration in critically ill patients. J Antimicrob Chemother 2001; 47: 229-231
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Crit-Care-Med. 2002; 30: 1136-1139
Zauner Ch, Gendo A, Kramer L, Kranz A, Grimm G, Madl C Metabolic encephalopathy in critically ill patients suffering from septic or non-septic multiple organ failure Crit Care Med 2000; 28:1310-1315
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Leberversagen

Kramer L, Bauer E, Funk G, Hofer H, Jessner W, Munda-Steindl P, Wrba F, Madl C, Ferenci P Subclinical impairment of brain function in chronic hepatitis C infection – Does hepatitis C virus affect the brain? J Hepatology 2002; 37: 349-354
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Zauner Ch, Schneeweiss B, Schneider B, Madl Ch, Klos H, Kranz A, Ratheiser K, Kramer L, Lenz K Short-term prognosis in critically ill patients with liver cirrhosis: an evaluation of a new scoring system Eur J Gastroenterol Hepatol 2000; 12: 517-522

Lungenversagen, pulmonale Hypertension,

Petkov V, Ziesche R, Mosgoeller W, Schenk P, Vonbank K, Stiebellehner L, Raderer M, Brunner C, Block LH Aerosolised iloprost improves pulmonary hemodynamics in patients with primary pulmonary hypertension receiving continuous epoprostenol therapy Thorax. 2001; 56: 734-736
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Monitoring, Hypertonie

Buchmayer H, Sunder-Plassmann G, Hirschl MM, Kletzmayer J, Woisetschläger Ch, Laggner AN, Hörl W. G-Protein $\beta 3$ subunit gene (GNB3) polymorphism 825C \rightarrow T in patients with hypertensive crisis. Crit Care Med 2000; 28: 3203-3206
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Derhaschnig U, Kittler H, Woisetschläger C, Bur A, Herkner H, Hirschl MM. Microalbumin measurement alone or calculation of the albumin/creatinine ratio for the screening of hypertensive patients? Nephrol Dial Transplant 2002; 17 : 81-85
Derhaschnig U, Shehata M, Herkner H, Bur A, Woisetschläger C, Laggner AN, Hirschl. Increased levels of transforming growth factor- $\beta 1$ in essential hypertension. Am J Hypertens 2002; 15: 207-211
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<p>Simultaneous comparison of thoracic bioimpedance and arterial pulse waveform-derived cardiac output with thermodilution measurement. <i>Crit Care Med</i> 2000; 28: 1798-1802</p>
<p>Sunder-Plassmann G, Kittler H, Eberle C, Hirschl M.M, Woisetschläger Ch, Derhaschnig U, Laggner A.N, Hörl W.H, Födinger M. Angiotensin converting enzyme DD genotype is associated with hypertensive crisis. <i>Crit Care Med</i> 2002; 30: 2236-2241</p>
<p>Woisetschläger C, Waldenhofer U, Bur A, Herkner H, Kiss K, Binder M, Laggner AN, Hirschl MM. Increased blood pressure response to the cold pressor test in pregnant women developing pre-eclampsia. <i>J Hypertens</i> 2000;18: 399-403</p>

Nierenversagen, Nierenersatztherapie

<p>Domanovits H, Schillinger M, Müllner M, Thoennissen J, Sterz F, Zeiner A, Druml W. Acute renal failure after successful cardiopulmonary resuscitation. <i>Intensive Care Medicine</i> 2001; 27:1194-1199</p>
<p>Födinger M, Buchmayer H, Heinz G, Papagiannopoulos M, Kletzmayer J, Perschl A, Vychytil A, Hörl WH, Sunder-Plassmann G. Association of two MTHFR polymorphisms with total homocysteine plasma levels in dialysis patients. <i>Am J Kidney Dis</i> 2001; 38: 77-84</p>
<p>Fuhrmann V, Schenk P, Mittermayer C, El Menyawi I, Ratheiser K, Thalhammer F Single-dose pharmacokinetics of ofloxacin during continuous venovenous hemofiltration in critical care patients <i>Am J Kidney Dis</i> 2003; 42: 310-314</p>
<p>Schenk P, Rosenkranz AR, Wolf G, Hörl WH, Traindl O. Recombinant tissue plasminogen activator is a useful alternative to heparin in priming quinton permcath. <i>Am J Kidney Dis</i> 2000; 35:130-136</p>
<p>Zeiner A, Sunder-Plassmann G, Sterz F, Holzer M, Losert H, Laggner AN, Müllner M. The effect of mild therapeutic hypothermia on renal function after cardiopulmonary resuscitation in men. <i>Resuscitation</i> 2004; 60: 253-261</p>

Pankreasfunktion bei intensivmedizinischen Erkrankungen

<p>Tribl B, Madl C, Mazal P, Schneider B, Spitzauer S, Vogelsang H, Gangl A. Exocrine pancreatic function in critically ill patients: Septic shock versus non-septic patients. <i>Crit Care Med</i> 2000; 28: 1393-1398</p>
<p>Tribl B, Sibbald WJ, Vogelsang H, Spitzauer S, Gangl A, Madl C Exocrine pancreatic dysfunction in sepsis <i>Eur J Clin Invest</i> 2003; 33: 239-243</p>

Pulmonalembolie

<p>Janata K, Holzer M, Laggner AN, Müllner M. Cardiac troponin T in the severity assessment of patients with pulmonary embolism: cohort study. <i>Brit med J</i> 2003, 326:312-313</p>
<p>Kürkciyan I, Meron G, Sterz F, Janata K, Domanovits H, Holzer M, Berzlanovich A, Bankl Hans C, Laggner AN. Pulmonary Embolism as Cause of Cardiac Arrest <i>Arch Intern Med</i> 2000,160: 1529-1535</p>

Reanimation

Bauer E, Funk GC, Gendo A, Kramer L, Zauner C, Sterz F, Schneider B, Madl C Electrophysiological assessment of the afferent sensory pathway in cardiac arrest survivors Eur J Clin Invest. 2003;33:283-287
Bur A, Kittler H, Sterz F, Holzer M, Eisenburger P, Oschatz E, Kofler J, Laggner A.N. Effects of bystander first aid, defibrillation and advanced life support on neurologic outcome and hospital costs in patients after ventricular fibrillation cardiac arrest. Intensive Care Medicine 2001; 9: 1474-1478
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Geppert A, Zorn G, Delle-Karth G, Heinz G, Maurer G, Siostrzonek P, Huber K: Plasminogen activator inhibitor type 1 and outcome after successful cardiopulmonary resuscitation. Crit Care Med. 2001;29: 1670-1677
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Janata K, Holzer M, Kürkciyan I, Losert H, Riedmüller E, Pikula B, Laggner AN, Lazika K. Major bleeding complications in cardiopulmonary resuscitation: the place for thrombolytic therapy in cardiac arrest due to massive pulmonary embolism. Resuscitation 2003, 57: 49-55
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