

List of ADVOS Publications



The ADVOS Device: Albumin Dialysis Based Approach for Significant and Continuous Removal of Water Soluble and Protein Bound Toxins Even at Low Blood Flows

Blood Purif 2018;46:163–186

Perez Ruiz de Garibay A, Honigschnabel J, Kreymann B <https://www.karger.com/Article/Abstract/490123>

ADVOS Reverses Metabolic Acidosis Without Elevating pCO₂: Proof of Concept In Vitro

Blood Purif 2018;46:163–186

Perez Ruiz de Garibay A, Ende-Schneider B, Kreymann B <https://www.karger.com/Article/Abstract/490123>

ADVOS Corrects Respiratory Acidosis Mimicking the Body's Renal Compensation: In Vitro Demonstration

Blood Purif 2018;46:163–186

Perez Ruiz de Garibay A, Ende-Schneider B, Kreymann B <https://www.karger.com/Article/Abstract/490123>

ADVOS reduces liver and kidney disease markers and corrects acidosis: the Hamburg experience

Critical Care 2018 22(Suppl 1):82

Fuhrmann VH, Jarczok D, Boenisch O, Kluge S

Evaluation of an ADVanced Organ Support (ADVOS) system in a two-hit porcine model of liver failure plus endotoxemia

Intensive Care Med Exp. 2017; 5(1):31

Al-Chalabi A, Matevossian E, von Thaden A, Schreiber C, Radermacher P et al.

First clinical experience in 14 patients treated with ADVOS: a study on feasibility, safety and efficacy of a new type of albumin dialysis

BMC Gastroenterol. 2017; 17: 32

Huber W, Henschel B, Schmid R, Al-Chalabi A

Advanced Organ Support (ADVOS) based on albumin dialysis, a new method for CO₂ removal and pH stabilization

Critical Care 2017 21(Suppl 1):57

Perez Ruiz de Garibay A, Ende-Schneider B, Schreiber C, Kreymann B

Combined removal of 4.5 mol/day of protons and protein bound and water soluble substances in an ex vivo model for metabolic acidosis using an Advanced Organ Support (ADVOS) system based on albumin dialysis

Critical Care 2017 21(Suppl 1):58

Perez Ruiz de Garibay A, Ende-Schneider B, Schreiber C, Kreymann B

Das Advanced Organ Support (ADVOS) Verfahren in der Therapie des Multiorganversagens

DIVI 2016 - Abstractbuch

Sollinger D, Dörken M, Lutz J

Erste Erfahrungen mit einem neuen erweiterten Dialyseverfahren bei kritisch kranken Patienten mit Multiorganversagen

DIVI 2016 - Abstractbuch

Fuhrmann V, Drolz A, Horvatits T, Roedl K, Horvatits K, Benten D et al.

Erfolgreiche Therapie einer schwerwiegenden Rhabdomyolyse nach Einnahme von Risperidon durch den Einsatz verschiedener Dialyse- und Adsorptionsverfahren (ADVOS, CVVHD, CytoSorb)

DIVI 2016 - Abstractbuch

Jarczok D, Wehmeyer MH, Roedl K, Tariparast P, Horvatits T, Drolz A et al.

Erste Erfahrungen mit dem ADVOS Verfahren (Advanced Organ Support) bei Patienten mit alkoholischer Steatohepatitis (ASH)

DIVI 2016 - Abstractbuch

Huber W, Henschel B, Lahmer T, Braun M, Mayr U, Schmid R, Al-Chalabi A

Anwendung eines neuartigen Hämodialyseverfahrens bei einem septischen Patienten mit hyperkapnischem Lungenversagen

DIVI 2016 - Abstractbuch

Tariparast P, Roedl K, Horvatits T, Drolz A, Rutter K, Jarczak D, Siedler S et al.

First clinical experience with a new type of albumin dialysis: the HepaWash system

Critical Care. 2015; 19 (Suppl 1): P383 (16 March 2015)

Henschel B, Schmid R, Huber W

Leberunterstützungstherapien

Fachpflege Nephrologie und Dialyse. 2014; 5. Auflage: 471-479

Kreymann B, Riedelsdorf G, Schreiber C

Evaluation of the Hepa Wash treatment in pigs with acute liver failure

BMC Gastroenterology. 2013; 13:83 doi: 10.1186/1471-230X-13-83

Al-Chalabi A, Matevossian E, v Thaden AK, Luppä P, Neiss A, Schuster T et al.

Improvement of survival in a swine model of acute liver failure by a new liver support system (Hepa Wash)

Journal of Hepatology. 2010; 52: 319-S320

Al-Chalabi A, Matevossian E, Preissel AK, Yang Z, Schreiber C, Schimmel P et al.

Survival improvement in pigs with liver failure and superimposed sepsis by a new liver support system (Hepa Wash)

Critical Care. 2010; 14: 508

Al-Chalabi A, Matevossian E, Preissel AK, Yan H, Geiger A, Nairz E, Schimmel P et al.

A model of ischemic isolated acute liver failure in pigs: standardizing monitoring and treatment

European Surgical Research. 2010; 45: 86-97

Al-Chalabi A, Matevossian E, Preißel A, Perren A, Yang Z, Schuster T, Schreiber C et al.

Leberunterstützungstherapien 2010: Mehr Fragen als Antworten

Intensivmedizin und Notfallmedizin. 2010; 47: 576-581

Al-Chalabi A, Kreymann B, Huber W

Möglichkeiten und Zukunftsperspektiven der Leberersatztherapie

Intensivmedizin und Notfallmedizin. 2009; 46: 347-354

Al-Chalabi A, Kreymann B, Langgartner J, Brännler T

Citrate pharmacokinetics and calcium levels during high-flux dialysis with regional citrate anticoagulation

Nephrology Dialysis Transplantation. 2009;24(7): 2244-51

Kozik-Jaromin J, Nier V, Heemann U, Kreymann B, Böhler J

Treatment of septic patients with an arginine-based endotoxin adsorber column improves hemodynamics and reduces oxidative stress: results of a feasibility study

Blood Purification. 2008; 26(4): 333-9

Umgelter A, Reindl W, Lutz J, Kreymann B, Ronco C, Huber W, Frank H et al.

Grundlagen der Nieren- und Leberdialyse

In: Wintermantel E, Ha S, Medizintechnik. Springer, Berlin/Heidelberg; 2007: 1191-125

Schreiber C, Al-Chalabi A, Tanase O, Kreymann B

Haemodialysis for the prevention of contrast-induced nephropathy: outcome of 31 patients with severely impaired renal function, comparison with patients at similar risk and review

Investigative Radiology. 2002; 37(9): 471-81

Huber W, Jeschke B, Kreymann B, Hennig M, Page M, Salmhofer H, Eckel F et al.

Albumin dialysis: effective removal of copper in a patient with fulminant Wilson disease and successful bridging to liver transplantation: a new possibility for the elimination of protein-bound toxins

Journal of Hepatology. 1999; 31(6): 1080-5

Kreymann B, Seige M, Schweigart U, Kopp KF, Classen M

Long-term treatment of patients with acute exacerbation of chronic liver failure by albumin dialysis

Transplantation Proceedings. 1999; 31(1-2): 1371-5

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