

Cardio-Pulmonary and Critical Care Medicine Including Cardiogenic Shock, Cardiac Arrest and Reanimation

Research Area: Clinical Epidemiology and Research Synthesis in Cardio-Pulmonary and Critical Care Medicine

Team Leader: Ao. Univ.-Prof. Dr. Harald Herkner, MSc.

Dept. of Emergency Medicine, MedUV

E-Mail: harald.herkner@meduniwien.ac.at

Projects and Project Leaders:

„Beurteilung der Stärke der Evidenz und Generalisierbarkeit von Studienergebnissen aus prospektiven klinischen Studien über Vasopressoren bei kritisch kranken Patienten, eine prospektive multizentrische Observationsstudie (die VICIP Studie)“

Project Leader: Ap.Prof. Priv.-Doz. Dr. Michael Schwameis

Dept. of Emergency Medicine, MedUV

E-Mail: michael.schwameis@meduniwien.ac.at

„Vasopressors for Hypotensive Shock (Cochrane Review)“

Project Leader: Ao. Univ.-Prof. Dr. Harald Herkner, MSc.

Dept. of Emergency Medicine, MedUV

E-Mail: harald.herkner@meduniwien.ac.at

„Hypothermia for Cardiac Arrest (Cochrane Review)“

Project Leader: Ao. Univ.-Prof. Dr. Harald Herkner, MSc.

Dept. of Emergency Medicine, MedUV

E-Mail: harald.herkner@meduniwien.ac.at

„Airway Physical Examination Tests for Detection of Difficult Airway Management in Apparently Normal Adult Patients“

Project Leader Ap.Prof. Dr.med.univ. Dominik Roth

Department of Emergency Medicine, MedUV

E-Mail: dominik.roth@meduniwien.ac.at

Research Area: Coagulation in Critical Illness

Team Leader: Ap.Prof. Priv.-Doz. Dr. Michael Schwameis

Dept. of Emergency Medicine, MedUV

E-Mail: michael.schwameis@meduniwien.ac.at

Projects and Project Leaders:

„Diagnostic Performance and Applicability of a Rapid Diagnostic Test for the Detection of Effective Anticoagulation with DOACs at the Emergency Department: a Diagnostic Accuracy Study“

Project Leader: Dr.med.univ. Anne Merrelaar

Dept. of Emergency Medicine, MedUV

E-Mail: anne.merrelaar@meduniwien.ac.at

„Prevalence and Clinical Impact of FXII Activity in Patients Receiving Extracorporeal Membrane Oxygenation“

Project Leader: Ap. Prof. Priv.-Doz. Dr. Michael Schwameis

Dept. of Emergency Medicine, MedUV

E-Mail: michael.schwameis@meduniwien.ac.at

„Platelet Reactivity in Hypothermic Cardiac Arrest“

Project Leader: Dr.med.univ. Jürgen Grafeneder

Dept. of Emergency Medicine, MedUV

E-Mail: juergen.grafeneder@meduniwien.ac.at

Research Area: Extracorporeal Membrane Oxygenation for COVID-19

Team Leader: Ap. Prof. Priv.-Doz. Dr. Michael Schwameis

Dept. of Emergency Medicine, MedUV

E-Mail: michael.schwameis@meduniwien.ac.at

Project and Project Leader:

„Extra Corporeal Membrane Oxygenation for 2019 Novel Coronavirus Acute Respiratory Disease (ECMOCARD)“

Project Leader: Ap. Prof. Priv.-Doz. Dr. Michael Schwameis

Dept. of Emergency Medicine, MedUV

E-Mail: michael.schwameis@meduniwien.ac.at

Research Area: Cardiac Arrest and Cardiopulmonary Resuscitation

Team Leader: Ao. Univ.-Prof. Dr. Michael Holzer

Dept. of Emergency Medicine, MedUV

E-Mail: michael.holzer@meduniwien.ac.at

Project and Project Leader:

„Influence of NO-Albumin or CO-Releasing Molecules (CORM-2) on Neuronal and Cardiac Reperfusion Injury in a Ventricular Fibrillation Model of Cardiac Arrest in Rats“

Project Leader: Dr.med.univ. Alexandra-Maria Warenits

Dept. of Emergency Medicine, MedUV

E-Mail: alexandra-maria.warenits@meduniwien.ac.at

Research Area: Perioperative Protection and Outcome in Cardiothoracic Anaesthesia and ICU-Management in Critically Ill Patients

Team Leader: Assoc. Prof. Priv.-Doz. Dr.med.univ. MBA Doris Hutschala

Division of Cardiac Thoracic Vascular Anaesthesia and Intensive Care Medicine, MedUV

E-Mail: doris.hutschala@meduniwien.ac.at

Projects and Project Leaders:

„Enhanced Right Ventricular Protection in Heart Transplantation Comparing Sildenafil and Inhaled Nitric Oxide“

Project Leader: Dr.med.univ. Arno Schiferer

Division of Cardiac Thoracic Vascular Anaesthesia and Intensive Care Medicine, MedUV

E-Mail: arno.schiferer@meduniwien.ac.at

„Pulmonary Pharmacokinetics of Piperacillin/Tazobactam and Levofloxacin in Patients with Chronic Obstructive Pulmonary Disease or Cystic Fibrosis: Comparison of Epithelial Lining Fluid, In-Vivo Microdialysis and Tissue Biopsy. An Exploratory Pharmacokinetic Study“

Project Leader: Dr.med.univ. Maximilian Edlinger-Stanger

Cardiac Thoracic Vascular Anaesthesia and Intensive Care Medicine, MedUV

E-Mail: maximilian.edlinger-stanger@meduniwien.ac.at

„The Effect of Albumin Levels on Pharmacokinetics of Cefazolin in Adult Cardiac Surgery: An Exploratory Pharmacokinetic Study“

Project Leader: Dr.med.univ. Maximilian Edlinger-Stanger

Cardiac Thoracic Vascular Anaesthesia and Intensive Care Medicine, MedUV

E-Mail: maximilian.edlinger-stanger@meduniwien.ac.at

„Effect of Haemoadsorption during CPB on Patients after HTX“

Project Leader: Dr.med.univ. Martin Bernardi

Division of Cardiac Thoracic Vascular Anaesthesia and Intensive Care Medicine, MedUV

E-Mail: martin.bernardi@meduniwien.ac.at

Research Area: Pharmakokinetik- Kardiochirurgische Anästhesie und Intensivmedizin

Team Leader: Univ. Prof. Dr. MBA Edda Tschernko

Division of Cardiac Thoracic Vascular Anaesthesia and Intensive Care Medicine, MedUV

E-Mail: edda.tschernko@meduniwien.ac.at

Projects and Project Leaders:

„Ceftarolin and Linezolid in Unilateral ARDS in Pig: Mode of Penetration“

Project Leader: Dr.med.univ. Matthias Kainz

Division of Cardiac Thoracic Vascular Anaesthesia and Intensive Care Medicine, MedUV

E-Mail: matthias.kainz@meduniwien.ac.at

„Evaluation of the New Animal Model of Unilateral ALI in Pig“

Project Leader: Dr.med.univ. Johannes Geilen

Division of Cardiac Thoracic Vascular Anaesthesia and Intensive Care Medicine, MedUV

E-Mail: johannes.geilen@meduniwien.ac.at

„Vancomycin and Meropenem in Pulmonary Tissue: ARDS vs Healthy Lung Tissue (Unilateral ARDS Model“

Project Leader: Dr.med.univ. Johannes Geilen

Division of Cardiac Thoracic Vascular Anaesthesia and Intensive Care Medicine, MedUV

E-Mail: johannes.geilen@meduniwien.ac.at

„Evaluation off Hb and Hemolysis Index for Detection of Thrombotic Formation in ECMO and Ventricular Assist Device Therapy“

Project Leader: Dr. Bernhard Zapletal

Division of Cardiac Thoracic Vascular Anaesthesia and Intensive Care Medicine, MedUV

E-Mail: bernhard.zapletal@meduniwien.ac.at

„Value Based Medicine in the Cardiac ICU Setting“

Project Leader: Dr. Bernhard Zapletal

Division of Cardiac Thoracic Vascular Anaesthesia and Intensive Care Medicine, MedUV

E-Mail: bernhard.zapletal@meduniwien.ac.at

„Association between Cardiopulmonary Parameters and Outcomes of Intensive Care Unit Patients – a Retrospective Data Analysis“

Project Leaders: Assoc.Prof.Priv.-Doz.Dr.med.univ.et scient.med. Ulrike Weber; Dr.med.univ. Martin Bernardi

Division of Cardiac Thoracic Vascular Anaesthesia and Intensive Care Medicine, MedUV

E-Mail: ulrike.weber@meduniwien.ac.at; martin.bernardi@meduniwien.ac.at

„Plasma Pharmacokinetics of Prophylactic Cefazolin Administration for Cardiac Surgery: Comparison of Cardiopulmonary Bypass Priming with Additive Human Albumin 20% vs Pure Crystalloid Priming“

Project Leader: Dr.med.univ. Peter Wohlrab

Division of Cardiac Thoracic Vascular Anaesthesia and Intensive Care Medicine, MedUV

E-Mail: peter.wohlab@meduniwien.ac.at