

Publikationsliste und wissenschaftliche Preise Prof. Dr. Christian Karagiannidis

Stand: 26.05.2020 in chronologischer Folge

Wissenschaftliche Preise

2004	Curt-Dehner Preis für chronisch obstruktive Atemwegserkrankungen ("Glucocorticoids upregulate FOXP3 expression and regulatory T cells in asthma", <i>J Allergy Clin Immunol.</i> 2004 Dec; 114(6):1425-33.)
2011	2. Preis der Deutschen Gesellschaft für Pneumologie ("Autoregulation of ventilation with neurally adjusted ventilatory assist on extracorporeal lung support", <i>Intensive Care Med.</i> 2010 Dec; 36(12):2038-44)
2016	Preis der Deutschen Gesellschaft für Internistische Intensivmedizin und Notfallmedizin („Extracorporeal membrane oxygenation: evolving epidemiology and mortality“ <i>Intensive Care Med.</i> 2016 May;42(5):889-96)
2015 und 2019	Posterpreise der Deutschen Gesellschaft für Internistische Intensivmedizin und Notfallmedizin
2020	Walter-Siegenthaler-Preis der Deutschen Medizinischen Wochenschrift (DMW)

Publikationen in Fachzeitschriften mit Impact Factor in chronologischer Reihenfolge

1. Kluge S, Janssens U, Welte T, Weber-Carstens S, Marx G, Karagiannidis C. German recommendations for critically ill patients with COVID19. *Med Klin Intensivmed Notfmed* 2020.
2. Karagiannidis C, Windisch W, Bein T. Rapid Changes in Arterial Carbon Dioxide Levels by ECMO - The Temptation of a Fascinating Technology. *Am J Respir Crit Care Med* 2020.
3. Karagiannidis C, Strassmann S, Larsson A, Brodie D. The Hemovent Oxygenator: A New Low-Resistance, High-Performance Oxygenator. *ASAIO J* 2020.
4. Karagiannidis C, Joost T, Strassmann S, Weber-Carstens S, Combes A, Windisch W, Brodie D. Safety and Efficacy of a Novel Pneumatically Driven Extracorporeal Membrane Oxygenation Device. *Ann Thorac Surg* 2020; 109: 1684-1691.
5. Karagiannidis C, Bein T, Windisch W. [Update and Comment on the German S3 "Clinical Guideline for Treating Acute Respiratory Insufficiency with Invasive Ventilation and Extracorporeal Membrane Oxygenation: Evidence-Based Recommendations"]. *Pneumologie* 2020; 74: 46-49.
6. Janssens U, Michels G, Karagiannidis C, Riessen R, Busch HJ, Welte T, Werdan K, Buerke M, John S, Kluge S. [Presumed consent for organ donation? : A survey among members of the German Society of Medical Intensive Care and Emergency Medicine]. *Med Klin Intensivmed Notfmed* 2020; 115: 239-244.

7. Blecha S, Brandl M, Zeman F, Dodoo-Schittko F, Brandstetter S, Karagiannidis C, Bein T, Apfelbacher C, Group DS. Tracheostomy in patients with acute respiratory distress syndrome is not related to quality of life, symptoms of psychiatric disorders or return-to-work: the prospective DACAPO cohort study. *Ann Intensive Care* 2020; 10: 52.
8. Bein T, Weber-Carstens S, Apfelbacher C, Brandstetter S, Blecha S, Dodoo-Schittko F, Brandl M, Quintel M, Kluge S, Putensen C, Bercker S, Ellger B, Kirschning T, Arndt C, Meybohm P, Zeman F, Karagiannidis C. The quality of acute intensive care and the incidence of critical events have an impact on health-related quality of life in survivors of the acute respiratory distress syndrome - a nationwide prospective multicenter observational study. *Ger Med Sci* 2020; 18: Doc01.
9. Bein T, Karagiannidis C, Quintel M. Climate change, global warming, and intensive care. *Intensive Care Med* 2020; 46: 485-487.
10. Bein T, Karagiannidis C, Grundling M, Quintel M. [New challenges for intensive care medicine due to climate change and global warming]. *Anaesthetist* 2020.
11. Bauer A, Benk C, Thiele H, Bauersachs J, Dittrich S, Dahnert I, Schirmer U, Zwissler B, Janssens U, Karagiannidis C, Kluge S, Markewitz A, Beckmann A. Qualification, knowledge, tasks and responsibilities of the clinical perfusionist in Germany. *Interact Cardiovasc Thorac Surg* 2020; 30: 661-665.
12. Riessen R, Markewitz A, Grigoleit M, Karagiannidis C, Waydhas C, van den Hooven T, Hermes C, John S, Burchardi H, Mockel M, Janssens U, Dennler U, Deutsche Gesellschaft für Internistische Intensivmedizin und N. [Discussion paper for a hospital financing reform in Germany from the perspective of intensive care medicine]. *Med Klin Intensivmed Notfmed* 2020; 115: 59-66.
13. Mager S, Struss M, Wollsching-Strobel M, Karagiannidis C. [Acute Eosinophilic Pneumonia (AEP) after Hookah Smoking]. *Pneumologie* 2020; 74: 230-233.
14. Koryllos A, Lopez-Pastorini A, Galetin T, Defosse J, Strassmann S, Karagiannidis C, Stoelben E. Use of Extracorporeal Membrane Oxygenation for Major Cardiopulmonary Resections. *Thorac Cardiovasc Surg* 2020.
15. Kluge S, Janssens U, Welte T, Weber-Carstens S, Marx G, Karagiannidis C. [Recommendations for critically ill patients with COVID-19]. *Med Klin Intensivmed Notfmed* 2020; 115: 175-177.
16. Windisch W, Callegari J, Karagiannidis C. [Home Mechanical Ventilation in Germany]. *Dtsch Med Wochenschr* 2019; 144: 743-747.
17. Strassmann S, Merten M, Schafer S, de Moll J, Brodie D, Larsson A, Windisch W, Karagiannidis C. Impact of sweep gas flow on extracorporeal CO₂ removal (ECCO₂R). *Intensive Care Med Exp* 2019; 7: 17.
18. Schultz MJ, Karagiannidis C. Is gender inequity in ventilator management a "women's issue"? *Eur Respir J* 2019; 54.
19. Merten M, Sattler PB, Karagiannidis C. [Step-by-Step tutorial of bedside percutaneous dilatational tracheostomy]. *Dtsch Med Wochenschr* 2019; 144: 547-552.
20. Karagiannidis C, Strassmann S, Schwarz S, Merten M, Fan E, Beck J, Sinderby C, Windisch W. Control of respiratory drive by extracorporeal CO₂ removal in acute exacerbation of COPD breathing on non-invasive NAVA. *Crit Care* 2019; 23: 135.

21. Karagiannidis C, Strassmann S, Callegari J, Kochanek M, Janssens U, Windisch W. [Evolving Epidemiology of Home Mechanical Ventilation: A Rapidly Growing Challenge for Patient Care]. *Dtsch Med Wochenschr* 2019; 144: e58-e63.
22. Karagiannidis C, Strassmann S, Callegari J, Kochanek M, Janssens U, Windisch W. [Evolving Epidemiology of Home Mechanical Ventilation: A Rapidly Growing Challenge for Patient Care]. *Pneumologie* 2019; 73: 670-676.
23. Karagiannidis C, Merten ML, Heunks L, Strassmann SE, Schafer S, Magnet F, Windisch W. Respiratory acidosis during bronchoscopy-guided percutaneous dilatational tracheostomy: impact of ventilator settings and endotracheal tube size. *BMC Anesthesiol* 2019; 19: 147.
24. Karagiannidis C, Kluge S, Riessen R, Krakau M, Bein T, Janssens U. [Impact of nursing staff shortage on intensive care medicine capacity in Germany]. *Med Klin Intensivmed Notfmed* 2019; 114: 327-333.
25. Karagiannidis C, Hesselmann F, Fan E. Physiological and Technical Considerations of Extracorporeal CO₂ Removal. *Crit Care* 2019; 23: 75.
26. Karagiannidis C, Bein T, Weber-Carstens S. [Indications and limitations of ECMO therapy : Considerations on evidence, treatment decisions and ethical challenges]. *Med Klin Intensivmed Notfmed* 2019; 114: 207-213.
27. Karagiannidis C. [EOLIA trial : Does ECMO confer a survival advantage in ARDS?]. *Med Klin Intensivmed Notfmed* 2019; 114: 164-165.
28. Gross-Hardt S, Hesselmann F, Arens J, Steinseifer U, Vercaemst L, Windisch W, Brodie D, Karagiannidis C. Low-flow assessment of current ECMO/ECCO₂R rotary blood pumps and the potential effect on hemocompatibility. *Crit Care* 2019; 23: 348.
29. Fan E, Karagiannidis C. Less is More: not (always) simple-the case of extracorporeal devices in critical care. *Intensive Care Med* 2019; 45: 1451-1453.
30. Riessen R, Janssens U, John S, Karagiannidis C, Kluge S. [Organ assist devices in the future : Limits and perspectives]. *Med Klin Intensivmed Notfmed* 2018; 113: 277-283.
31. Klein SJ, Husain-Syed F, Karagiannidis C, Lehner GF, Singbartl K, Joannidis M. [Interactions between lung and kidney in the critically ill]. *Med Klin Intensivmed Notfmed* 2018; 113: 448-455.
32. Karagiannidis C, Waldmann AD, Roka PL, Schreiber T, Strassmann S, Windisch W, Bohm SH. Regional expiratory time constants in severe respiratory failure estimated by electrical impedance tomography: a feasibility study. *Crit Care* 2018; 22: 221.
33. Huttmann SE, Magnet FS, Karagiannidis C, Storre JH, Windisch W. Quality of life and life satisfaction are severely impaired in patients with long-term invasive ventilation following ICU treatment and unsuccessful weaning. *Ann Intensive Care* 2018; 8: 38.
34. Dodoo-Schittko F, Brandstetter S, Brandl M, Blecha S, Quintel M, Weber-Carstens S, Kluge S, Kirschning T, Muders T, Bercker S, Ellger B, Arndt C, Meybohm P, Adamzik M, Goldmann A, Karagiannidis C, Bein T, Apfelbacher C, Group DS. German-wide prospective DCAPO cohort of survivors of the acute respiratory distress syndrome (ARDS): a cohort profile. *BMJ Open* 2018; 8: e019342.
35. Blecha S, Dodoo-Schittko F, Brandstetter S, Brandl M, Dittmar M, Graf BM, Karagiannidis C, Apfelbacher C, Bein T, Group DS. Quality of inter-hospital transportation in 431

transport survivor patients suffering from acute respiratory distress syndrome referred to specialist centers. *Ann Intensive Care* 2018; 8: 5.

36. Schwarz SB, Windisch W, Magnet FS, Schmoor C, Karagiannidis C, Callegari J, Huttmann SE, Storre JH. Continuous non-invasive PCO₂ monitoring in weaning patients: Transcutaneous is advantageous over end-tidal PCO₂. *Respirology* 2017; 22: 1579-1584.
37. Karagiannidis C, Strassmann S, Brodie D, Ritter P, Larsson A, Borchardt R, Windisch W. Impact of membrane lung surface area and blood flow on extracorporeal CO₂ removal during severe respiratory acidosis. *Intensive Care Med Exp* 2017; 5: 34.
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41. Khalfaoui S, Eichhorn V, Karagiannidis C, Bayh I, Brockmann M, Pieper M, Windisch W, Schildgen O, Schildgen V. Lung Infection by Human Bocavirus Induces the Release of Profibrotic Mediator Cytokines In Vivo and In Vitro. *PLoS One* 2016; 11: e0147010.
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44. Koryllos A, Magnet F, Karagiannidis C, Gossmann A, Brockmann M, Windisch W, Stoelben E. [Unilateral agenesis of pulmonary artery in adults: a rare disease frequently undiagnosed]. *Pneumologie* 2015; 69: 93-98.
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47. Karagiannidis C, Kampe KA, Sipmann FS, Larsson A, Hedenstierna G, Windisch W, Mueller T. Veno-venous extracorporeal CO₂ removal for the treatment of severe respiratory acidosis: pathophysiological and technical considerations. *Crit Care* 2014; 18: R124.
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52. Budweiser S, Karagiannidis C. [Intensive care in patients with asthma and COPD]. *Dtsch Med Wochenschr* 2011; 136: 2016-2019.
53. Lubnow M, Luchner A, Philipp A, Buchner S, Jeron A, Karagiannidis C, Bein T, Pawlik M, Jungbauer C, Schmid C, Riegger GA, Pfeifer M, Muller T. Combination of high frequency oscillatory ventilation and interventional lung assist in severe acute respiratory distress syndrome. *J Crit Care* 2010; 25: 436-444.
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