

Curriculum Vitae Dr. med. Felix Erdfelder

Date of birth: 26.12. 1984	
Marital status: Married, two Children	
Position: Deputy Medical Director, Staff Unit for Scientific & Medical Technology Development & Coordination Attending physician Department of Anesthesiology and Intensive Care Medicine, University Hospital Bonn	
Address: University Hospital Bonn, University of Bonn Venusberg Campus 1, 53127 Bonn, Germany Phone: +49 228 287 14067 Fax: +49 228 287 9014067 Email: felix.erdfelder@ukbonn.de Homepage: https://www.ukbonn.de/ueber-uns/stabsstellen/mwtek/	
Education: 2005 -2011 Medical studies (University of Cologne) 2007-2012 Doctoral thesis Molecular Hematology and Oncology (University Hospital of Cologne) 2012 – 2017 Resident physician Anesthesiology and Intensive Care Medicine (University Hospital Bonn) Since 2017 Attending physician (Anesthesiology and Intensive Care Medicine (University Hospital Bonn) 2019-2021 additional designation medical Informatics	
Academic Career: 2007-2012 doctoral candidate (Molecular Hematology and Oncology of the University Hospital of Cologne) Since 2015 Postdoctoral research associate Applied Mathematical Physiology Lab (Friedrich-Wilhelms-University, Bonn) Since 2019 Postdoctoral research associate Applied Medical Informatics Lab (Friedrich-Wilhelms University, Bonn)	
Scientific focus: applied medical informatics, predictive models in intensive care medicine, Generic IT infrastructures for secondary use of patient data	
PUBLICATIONS: Selected publications of the last 5 years: 1. Erdfelder F, Grigutsch D, Hoeft A, Reider E, Matot I, Zenker S. Dynamic prediction of the need for renal replacement therapy in intensive care unit patients using a simple and robust model. J Clin Monit Comput. 2017 Feb;31(1):195-204. doi: 10.1007/s10877-015-9814-4. PMID: 26686690. 2. Schewe JC, Schumacher S, Erdfelder F, Ehrentraut SF, Weissbrich C, Lehmann F, Kögl F, Muders T, Thudium M, Putensen C, Kreyer S. Monitoring of Cerebral Oxygen Saturation in Interhospital Transport of Patients Receiving Extracorporeal Membrane Oxygenation. ASAIO Journal 2022. 3. Marx G, Bickenbach J, Fritsch SJ, Kunze JB, Maassen O, Deffge S, Kistermann J, Haferkamp S, Lutz I, Voellm NK, Lowitsch V, Polzin R, Sharafutdinov K, Mayer H, Kuepfer L, Burghaus R, Schmitt W, Lippert J, Riedel M, Barakat C, Stollenwerk A, Fonck S, Putensen C, Zenker S, Erdfelder F, et al.. Algorithmic surveillance of ICU patients with acute respiratory distress syndrome (ASIC): protocol for a multicentre stepped-wedge cluster randomised quality improvement strategy. BMJ Open. 2021 Apr 8;11(4):e045589. doi: 10.1136/bmjopen-2020-045589. PMID: 34550901; PMCID: PMC8039261. 4. Dolscheid-Pommerich RC, Weikert J, Reinicke M, Fimmers R, Stoffel-Wagner B, Erdfelder F, Ceglarek U, Eichhorn L. Changes in PUFA and eicosanoid metabolism during/after apnea diving: a prospective single-center study. Undersea Hyperb Med. 2020 Fourth-Quarter;47(4):539-549. doi: 10.22462/010.12.2020.2. PMID: 33227829. 5. Eichhorn L, Erdfelder F, Kessler F, Dolscheid-Pommerich RC, Zur B, Hoffmann U, Ellerkmann RE, Meyer R. Influence of Apnea-induced Hypoxia on Catecholamine Release and Cardiovascular Dynamics. Int J Sports Med. 2017 Feb;38(2):85-91. doi: 10.1055/s-0042-107351. PMID: 27454133.	