

## Publikationen aus der Klinik

2026

### [Blood culture practices and microbiological capacity for sepsis diagnostics in Europe \(2021-2022\): a cross-sectional analysis of the European Sepsis Care Survey](#)

Scheer CS, Giamarellos-Bourboulis EJ, Annane D, Artigas A, Aslan AT, Bottari G, Bouma HR, Černý V, Curić Radivojević R, Dewitte K, Filipescu D, Gründling M, Hästbacka J, Laribi S, Lassen A, Lebedinskii K, Linder A, Máca J, Malbrain MLNG, Monti G, Ostermann M, Osthoff M, Paiva JA, Sabbatucci M, Śmiechowicz J, Ştefan MG, Vollmer M, Vuković N, Zaragkoulias K, Reinhart K, Ferrer R, Idelevich EA; European Sepsis Care Study Group on behalf of the ESCMID Study Group for Bloodstream Infections, Endocarditis and Sepsis (ESGBIES) and the European Sepsis Alliance (ESA).

Lancet Reg Health Eur. 2025 Dec 18;62:101570. doi: 10.1016/j.lanpe.2025.101570.  
eCollection 2026 Mar. PMID: 41502864

### [Clinical practices in general anaesthesia for caesarean section: A nationwide cross-sectional survey](#)

Philipp Helmer, Benedikt Siegler, Vanessa Neef, Benedikt Schmid, Florian Rumpf, Sarah Helmer, Daniel Chappell, Norbert Reckefuß, Miriam Röring, **Udo Gottschaldt, Andreas Reske**, Catharina Bartmann, Susanne Greve, Clemens Eichelsbacher, Patrick Meybohm, Michael Sammeth and Peter Kranke

Eur J Anaesthesiol Intensive Care Med 2026; 5:3(e0110) PMID: 42244826

2025

### [Association of intraoperative end-tidal CO2 levels with postoperative outcomes: a patient-level analysis of two randomised clinical trials](#)

Prashant Nasa 1, David M P van Meenen 2, Frederique Paulus 3, Carlos Ferrando 4, Thomas Bluth 5, Marcelo Gama de Abreu 6, Lorenzo Ball 7, Sebastiaan M Bossers 8, Patrick Schober 9, Marcus J Schultz 10, Ary Serpa Neto 11, Sabine N T Hemmes 12; REPEAT; PROVHILO; PROBESE; investigators of the PROVE network; ESAIC CTN

Br J Anaesth. 2025 Dec;135(6):1761-1769. doi: 10.1016/j.bja.2025.07.076. Epub 2025 Sep 10.

### [Individual and combined effects of chemical and mechanical power on postoperative pulmonary complications: a secondary analysis of the REPEAT study.](#)

Müller-Wirtz LM, et al.

Anaesthesia. 2025. PMID: 40827607

### [Status of Sepsis Care in European Hospitals: Results from an International Cross-Sectional Survey.](#)

Scheer CS, Giamarellos-Bourboulis EJ, Ferrer R, Idelevich EA, Annane D, Artigas A, Aslan AT, Bottari G, Bouma HR, Černý V, Curić Radivojević R, Dakou K, Dewitte K, Elbahnasawy M, Gründling M, Gurjar M, Hästbacka J, Kyprianou M, Laribi S, Lassen A, Lebedinskii K, Máca J, Malbrain MLNG, Monti G, Ostermann M, Osthoff M, Paiva JA, Sabbatucci M, Śmiechowicz J, Ştefan MG, Vollmer M, Vuković N, Zaragkoulias K, Reinhart K, Linder A, Filipescu D; **European Sepsis Care Study Group**.

Am J Respir Crit Care Med. 2025 Apr;211(4):587-599. doi: 10.1164/rccm.202406-1167OC. PMID: 39787606

2024

### [High positive end-expiratory pressure ventilation mitigates the progression from unilateral pulmonary contusion to ARDS: An animal study.](#)

**Landeck T**, Schwarz H, Hammermüller S, Noreikat K, Reske S, **Gottschaldt U, Nestler C, Wolf SJ**, Ramm J, Lange M, Wrigge H, Girrbach F, Brehm W, **Reske AW**.

J Trauma Acute Care Surg. 2024;96(2):287-296. doi: 10.1097/TA.0000000000004077. Epub 2023 Jun 19.

2023

[Postoperative nausea and vomiting-recommendations for its prevention and therapy in paediatric medicine.](#)

Schlesinger T, Becke-Jakob K, Eich CB, **Gottschaldt U**, Kretz FJ, Krösche J, Kranke P, Höhne C.

Anaesthesiologie. 2023;10.1007/s00101-022-01248-y. Online ahead of print.

2022

[Hemoadsorption in the critically ill-Final results of the International CytoSorb Registry.](#)

Hawchar F, Tomescu D, Träger K, Joskowiak D, Kogelmann K, Soukup J, Friesecke S, Jacob D, Gummert J, Faltlhauser A, Aucella F, van Tellingen M, Malbrain MLNG, Bogdanski R, Weiss G, Herbrich A, Utzolino S, Nierhaus A, Baumann A, Hartjes A, Henzler D, Grigoryev E, Fritz H, Bach F, Schröder S, Weyland A, **Gottschaldt U**, Menzel M, Zachariae O, Novak R, Berden J, Haake H, Quintel M, Kloesel S, Kortgen A, Stecher S, Torti P, Nestler F, Nitsch M, Olboeter D, Muck P, Findeisen M, Bitzinger D, Kraßler J, Benad M, Schott M, Schumacher U, Molnar Z, Brunkhorst FM.

PLoS One. 2022;17(10):e0274315. doi: 10.1371/journal.pone.0274315. eCollection 2022.

2021

[Individualized versus Fixed Positive End-expiratory Pressure for Intraoperative Mechanical Ventilation in Obese Patients: A Secondary Analysis.](#)

Simon P, Girrbaach F, Petroff D, Schlieve N, Hempel G, Lange M, Bluth T, Gama de Abreu M, Beda A, Schultz MJ, Pelosi P, **Reske AW**, Wrigge H; PROBESE Investigators of the Protective Ventilation Network and the Clinical Trial Network of the European Society of Anesthesiology.

Anesthesiology. 2021 doi: 10.1097/ALN.0000000000003762. Online ahead of print.

[Topography and evidence of a separate "fascia plate" for the femoral nerve inside the iliopsoas - A dorsal approach.](#)

Kulow C, Reske A, Leimert M, Bechmann I, Winter K, Steinke H.

J Anat. 2021;238(5):1233-1243. doi: 10.1111/joa.13374. Epub 2020 Dec 25.

2020

[Differential lung ventilation assessed by electrical impedance tomography in ultrasound-guided anterior suprascapular nerve block vs. interscalene brachial plexus block: A patient and assessor-blind, randomised controlled trial.](#)

Petroff D, Wiegel M, Pech V, Salz P, Mrongowius J, **Reske AW**.

Eur J Anaesthesiol. 2020;37:1105-1114. doi: 10.1097/EJA.0000000000001367.

[Individualised positive end-expiratory pressure guided by electrical impedance tomography for robot-assisted laparoscopic radical prostatectomy: a prospective, randomised controlled clinical trial.](#)

Girrbaach F, Petroff D, Schulz S, Hempel G, Lange M, Klotz C, Scherz S, Giannella-Neto A, Beda A, Jardim-Neto A, Stolzenburg JU, **Reske AW**, Wrigge H, Simon P.

Br J Anaesth. 2020;125:373-382. doi: 10.1016/j.bja.2020.05.041. Epub 2020 Jul 19.

[Individualized Positive End-expiratory Pressure and Regional Gas Exchange in Porcine Lung Injury.](#)

Muders T, Luepschen H, Meier T, **Reske AW**, Zinserling J, Kreyer S, Pikkemaat R, Maripu E, Leonhardt S, Hedenstierna G, Putensen C, Wrigge H.

Anesthesiology. 2020;132:808-824. doi: 10.1097/ALN.0000000000003151.

[Detection of posttraumatic pneumothorax using electrical impedance tomography-An observer-blinded study in pigs with blunt chest trauma.](#)

Girrbach F, **Landeck T**, Schneider D, Reske SU, Hempel G, Hammermüller S, **Gottschaldt U**, Salz P, Noreikat K, Stehr SN, Wrigge H, **Reske AW**.

PLoS One. 2020;15:e0227518. doi: 10.1371/journal.pone.0227518. eCollection 2020.

2019

[Hepatocyte Transplantation to the Liver via the Splenic Artery in a Juvenile Large Animal Model.](#)

Siefert J, Hillebrandt KH, Moosburner S, Podrabsky P, Geisel D, Denecke T, Unger JK, Sawitzki B, Gül-Klein S, Lippert S, Tang P, Reutzel-Selke A, Morgul MH, **Reske AW**, Kafert-Kasting S, Rüdinger W, Oetvoes J, Pratschke J, Sauer IM, Raschzok N.

Cell Transplant. 2019;28:14S-24S. doi: 10.1177/0963689719885091. Epub 2019 Dec 17.

[Characteristics of different cathodic arc deposition coatings on CoCrMo for biomedical applications.](#)

Döring J, Crackau M, **Nestler C**, Welzel F, Bertrand J, Lohmann CH. J

Mech Behav Biomed Mater. 2019;97:212-221. doi: 10.1016/j.jmbbm.2019.04.026. Epub 2019 Apr 26.

[Mechanical Ventilation Strategies Targeting Different Magnitudes of Collapse and Tidal Recruitment in Porcine Acid Aspiration-Induced Lung Injury.](#)

Haase J, Buchloh DC, Hammermüller S, Salz P, Mrongowius J, Carvalho NC, Beda A, Rau A, Starke H, Spieth PM, Gittel C, Muders T, Wrigge H, **Reske AW**.

J Clin Med. 2019;8:1250. doi: 10.3390/jcm8081250.

2018

[Whole-Body CT in Multiple Trauma Patients: Clinically Adapted Usage of Differently Weighted CT Protocols.](#)

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Wiegel M, Petroff D, **Reske AW**.

Reg Anesth Pain Med. 2018;43:100. doi: 10.1097/AAP.0000000000000705.

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Reg Anesth Pain Med. 2018;43:98-99. doi:10.1097/AAP.0000000000000709.

2017

[Individualized positive end-expiratory pressure in obese patients during general anaesthesia: a randomized controlled clinical trial using electrical impedance tomography.](#)

**Nestler C**, Simon P, Petroff D, Hammermüller S, Kamrath D, Wolf S, Dietrich A, Camilo LM, Beda A, Carvalho AR, Giannella-Neto A, **Reske AW**, Wrigge H.

Br J Anaesth. 2017;119:1194-1205. doi: 10.1093/bja/aex192.

[Reply to Dr Stimpson et al.](#)

**Reske AW**, Schwarzkopf P, Petroff D, Wiegel M.

Reg Anesth Pain Med. 2017;42:796-797. doi: 10.1097/AAP.0000000000000678.

[Computed tomography-based survey of the vascular anatomy of the juvenile Göttingen minipig.](#)

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Lab Anim. 2017;51:388-396. doi: 10.1177/0023677216680238. Epub 2016 Dec 8.

[Anterior Suprascapular Nerve Block Versus Interscalene Brachial Plexus Block for Shoulder Surgery in the Outpatient Setting: A Randomized Controlled Patient- and Assessor-Blinded Trial.](#)

Wiegel M, Moriggl B, Schwarzkopf P, Petroff D, **Reske AW**.

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[Mapping Regional Differences of Local Pressure-Volume Curves With Electrical Impedance Tomography.](#)

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[Electrical Impedance Tomography Visualizes Impaired Ventilation Due to Hemidiaphragmatic Paresis after Interscalene Brachial Plexus Block.](#)

Wiegel M, Hammermüller S, Wrigge H, **Reske AW**.

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