

Curriculum Vitae

Lars Wiuff Andersen, M.D., M.P.H., Ph.D., D.M.Sc.

Consultant in Anesthesiology and Intensive Care, Professor

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EDUCATION

<i>Aarhus University, Denmark</i> Doctor of Medical Science (D.M.Sc.)	2018
<i>Aarhus University, Denmark</i> Doctor of Philosophy in Medicine (Ph.D.)	2013 – 2016
<i>Harvard T.H. Chan School of Public Health, Boston, USA</i> Master of Public Health (M.P.H.)	2014 – 2016
<i>Aarhus University, Denmark</i> Bachelor and Master of Science in Medicine (M.D.)	2007 – 2013

CLINICAL WORK

<i>Dept. of Intensive Care, Aarhus University Hospital, Denmark</i> Physician (Consultant)	Sep. 2024 – present
<i>Dept. of Anesthesiology and Intensive Care, Viborg Hospital, Denmark</i> Physician (Resident)	Jun. 2023 – Aug. 2024
<i>Dept. of Anesthesiology and Intensive Care, Aarhus University Hospital, Denmark</i> Physician (Resident)	May 2020 – Jun. 2023
<i>Dept. of Anesthesiology and Intensive Care, Viborg Hospital, Denmark</i> Physician (Intern)	Jan. 2020 – Apr. 2020
<i>Dept. of Anesthesiology and Intensive Care, Randers Hospital, Denmark</i> Physician (Intern)	Nov. 2018 – Dec. 2019
<i>Dept. of Medicine (Nephrology), Holstebro Hospital, Denmark</i> Physician (Intern)	Mar. – Aug. 2018
<i>Dept. of Cardiology, Herning Hospital, Denmark</i> Physician (Intern)	Sep. 2017 – Feb. 2018
<i>Dept. of Neurology, Holstebro Hospital, Denmark</i> Physician (Intern)	Jan. – Jul. 2017
<i>Dept. of Medicine (Pulmonary), Holstebro Hospital, Denmark</i> Physician (Intern)	May – Oct. 2016

SELECTED NON-DEGREE COURSES

Clinical	
European Trauma Course	Jan. 2023
European Pediatric Advanced Life Support (EPALS)	Apr. 2018
Basic Echocardiography ("Echo BachelorClass" – 123sonography.com)	Feb. 2018
Intensive Review of Internal Medicine (Harvard Medical School)	Jul. 2017
Advanced Life Support (ALS)	Sep. 2016
Research	
Good Clinical Practice (GCP) course	Nov. 2017
Institute of Public Health Berlin: Advanced Epidemiologic Methods	Aug. 2017
Aarhus University: Pharmacoepidemiology Summer School	2017 + 2018

RESEARCH

*Department of Anesthesiology and Intensive Care and Prehospital
Emergency Medical Services, Aarhus University*
Professor

Mar. 2024 - present

Department of Anesthesiology and Intensive Care, Aarhus University
Associate Professor

Jun. 2022 – Feb. 2024

Prehospital Emergency Medical Services, Aarhus University
Associate Professor

Feb. 2020 – Feb. 2024

Research Center for Emergency Medicine, Aarhus University
Associate Professor

Jun. 2017 – May 2022

Journal of the American Medical Association (JAMA)
Statistical Reviewer (> 500 peer-reviews)

Jan. 2017 - present

Resuscitation and Resuscitation Open (since 2020)
Editorial Board Member (> 100 peer-reviews)

Jan. 2017 - present

International Liaison Committee on Resuscitation (ILCOR)
Member of the Advanced Life Support (ALS) Task Force

Jul. 2016 – Nov. 2022

Ad Hoc Peer-Reviewer (selected)

New England Journal of Medicine, Lancet, BMJ, JAMA Internal Medicine, Circulation, European Heart Journal, British Journal of Anaesthesia, Anesthesiology, CHEST, and Intensive Care Medicine

Supervision

Ph.D. students: 5 current (2 main and 3 co-supervisor) and 4 previous (2 main and 2 co-supervisor)
Research Year: 2 current (1 main and 1 co-supervisor) and 9 previous (2 main and 7 co-supervisor)

Assessments

Ph.D. dissertations: 2 (Copenhagen University)
Grants: 3 (Denmark, Norway, New Zealand)

RESEARCH GRANTS AND AWARDS

Grants

Approximately 36 mil. DKK in grant support since 2017 including from the Independent Research Fund Denmark, the Danish Cancer Society, the Danish Heart Foundation, and the Novo Nordisk Foundation.

Awards

- Anders Jahre's Award for Young Medical Researchers (2022)
- Erhoff Foundation's Talent Prize (2019)
- Lundbeck Foundation's Talent Prize (2016)

CLINICAL TRIALS

Principal investigator/sponsor

- New Defibrillation Strategies for Out-of-Hospital Cardiac Arrest (ongoing)
- Bicarbonate for In-Hospital Cardiac Arrest (ongoing)
- Respiratory and Hemodynamic Targets During General Anesthesia (ongoing)
- Intravenous vs. Intraosseous Vascular Access During Out-of-Hospital Cardiac Arrest (finished)
- Calcium for Out-of-Hospital Cardiac Arrest (finished)
- Vasopressin and Methylprednisolone for In-Hospital Cardiac Arrest (finished)

Steering group

- Empirical Meropenem versus Piperacillin/Tazobactam for Adult Patients with Sepsis (ongoing)
- Supraglottic Airway Device vs. Tracheal Intubation During In-Hospital Cardiac Arrest (ongoing)
- Senicapoc in COVID-19 Patients with Severe Respiratory Insufficiency (finished)

Independent Data Monitoring Committee

- Hypertonic Lactate after Cardiac Arrest (ongoing)
- Comparing Restrictive vs. Liberal Oxygen Strategies for Trauma Patients (finished)

BOOKS

Books

Intensivterapi (Danish), FADL's Forlag (2024)
Editors: Fagerberg S, Schjørring O, **Andersen LW**, and Granfeldt A

Book chapters

Hjertestop - Intensivterapi (Danish), FADL's Forlag (2024)
Authors: Granfeldt A and **Andersen LW**

PEER-REVIEWED PUBLICATIONS

Total peer-reviewed publications: 154

First author: 30

Last author: 49

H-index: 50 (Scopus), 53 (Google Scholar)

Critical Care Medicine 2025 (accepted)

Potassium Levels and In-Hospital Cardiac Arrest: A Matched Case-Control Study

Lind P, Stankovic N, Holmberg M, **Andersen LW**, and Granfeldt A

Acta Anaesthesiologica Scandinavica 2025 Apr;69(4):e70023

INCEPT: The Intensive Care Platform Trial – Design and Protocol

Granholm A, Møller M, Kaas-Hansen B, Jensen A, Munch M, Kjær M, **Andersen LW**, Schjørring O, Rasmussen B, Meyhoff t, Larsen R, Thorsen-Meyer H, Collet M, Meier N, Estrup S, Mathiesen O, Maagard M, Poulsen L, Strøm T, Christensen S, Bruun C, Keus F, Rossing P, Granfeldt A, Brøchner A, Itenov T, Cronhjort M, Laake J, Hästbacka J, Pfortmueller C, Siegemund M, Sigurdsson M, Andersen L, Placido D, Lange T, and Perner A

JAMA Internal Medicine 2025 Jan 27.

Termination of Resuscitation Rules for In-Hospital Cardiac Arrest

Holmberg M, Granfeldt A, Moskowitz A, Lauridsen K, Bergum D, Christiansen C, Nolan J, and **Andersen LW**

Resuscitation 2025 Jan 4:110489.

Pharmacological Interventions for the Acute Treatment of Hyperkalaemia: A Systematic Review and Meta-Analysis

Jessen M, **Andersen LW**, Djakow J, Chong N, Stankovic N, Staehr C, Vammen L, Petersen A, Johannsen C, Eggertsen M, Mortensen S, Høybye M, Nørholt C, Holmberg M, and Granfeldt A

Resuscitation 2024 Dec 30:110481

Intraosseous and Intravenous Vascular Access During Adult Cardiac Arrest: a Systematic Review and Meta-Analysis

Couper K, **Andersen LW**, Drennan I, Grunau B, Kudenchuk P, Lall R, Lavonas E, PerkinsG, Vallentin M, and Granfeldt A

New England Journal of Medicine 2024 Oct. 31

Intraosseous or Intravenous Vascular Access for Out-of-Hospital Cardiac Arrest

Vallentin M, Granfeldt A, Klitgaard T, Mikkelsen S, Folke F, Christensen H, Povlsen A, Petersen A, Winther S, Frilund L, Meilandt C, Holmberg M, Winther K, Bach A, Dissing T, Terkelsen C, Christensen S, Rasmussen L, Mortensen L, Loldrup M, Elkmann T, Nielsen A, Runge C, Klæstrup E, Holm J, Bak M, Nielsen L, Pedersen M, Kjærgaard-Andersen G, Hansen P, Brøchner A, Christensen E, Nielsen F, Nissen C, Bjørn J, Burholt P, Obling L, Holle S, Russell L, Alstrøm H, Hestad S, Fogtmann T, Buciek J, Jakobsen K, Krag M, Sandgaard M, Sindberg B, and **Andersen LW**

Current Opinion in Critical Care 2024 Sep 9.

Re-Evaluating Intra-Cardiac Arrest Adjunctive Medications and Routes of Drug Administration

Lind P, Vallentin M, Granfeldt A, and **Andersen LW**

Resuscitation 2024 Jul 24:110329.

Pulmonary Vasodilation during Cardiopulmonary Resuscitation – a Randomized, Controlled Porcine Study

Nørholt C, Johannsen C, Baltsen C, Lund M, Kjærsgaard L, Solberg S, Hørsdal O, Vammen L, Lyhne M, **Andersen LW**, and Granfeldt A

Acta Anaesthesiologica Scandinavica 2024 May 23.

Blood Laboratory Analyses Preceding In-Hospital Cardiac Arrest: a Matched Case-Control Study

Lind P, Stankovic N, Holmberg M, **Andersen LW**, and Granfeldt A

Acta Anaesthesiologica Scandinavica 2024 May 20.

Characteristics and Outcomes for General Anesthesia in Denmark

Mortensen S, Pælestik M, Lind P, Holmberg M, Granfeldt A, Stankovic N, and **Andersen LW**

Acta Anaesthesiologica Scandinavica 2024 May 20.

Empirical Meropenem versus Piperacillin/Tazobactam for Adult Patients with Sepsis (EMPRESS) trial: Protocol

Granholm A, Munch M, Meier N, Sjövall F, Helleberg M, Hertz F, Kaas-Hansen B, Thorsen-Meyer HC, **Andersen LW**, Rasmussen B, Andersen J, Albertsen T, Kjær M, Jensen A, Lange T, Perner A, and Møller M

BMJ 2024 Feb 7;384:e076019.

Duration of Cardiopulmonary Resuscitation and Outcomes for Adults with In-Hospital Cardiac Arrest: Retrospective Cohort Study

Okubo M, Komukai S, **Andersen LW**, Berg R, Kurz M, Morrison L, Callaway C

Resuscitation Plus 2023 Dec 6;17:100511.

Animal Research in Cardiac Arrest

Andersen LW, Vammen L, and Granfeldt A

Resuscitation 2023 Nov 7:109992 and *Circulation* 2023 Nov 9.

2023 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science With Treatment Recommendations: Summary From the Basic Life Support; Advanced Life Support; Pediatric Life Support; Neonatal Life Support; Education, Implementation, and Teams; and First Aid Task Forces

Berg K, ...(multiple coauthors), **Andersen LW**, ..., and Nolan J

Ugeskrift for Læger 2023 Oct 9;185(41):V04230237.

Platform Trials [Danish]

Perner A, Kjær M, Thorsen-Meyer HC, Kaas-Hansen B, Munch M, Collet M, Bruun C, Jensen A, Lange T, Albertsen T, Pedersen C, Poulsen L, Mathiesen O, Brøchner A, Strøm T, **Andersen LW**, Christensen S, Rasmussen B, Schjørring O, Maagaard M, Møller M, and Granholm A

Resuscitation 2023 Oct;191:109958.

Bicarbonate, Calcium, and Magnesium for In-Hospital Cardiac Arrest – An Instrumental Variable Analysis

Holmberg M, Granfeldt A, and **Andersen LW**

American Journal of Emergency Medicine 2023 Nov;73:145-153.

Effects of Methylene Blue in a Porcine Model of Cardiac Arrest: a Randomized, Blinded, Placebo-Controlled Study

Johannsen C, Nørholt C, Baltsen C, Eggertsen M, Magnussen A, Vormfenne L, Mortensen S, Hansen E, Vammen L, **Andersen LW**, and Granfeldt A

Resuscitation 2023 Aug 7:109928.

Temperature Control After Adult Cardiac Arrest: An Updated Systematic Review and Meta-Analysis

Granfeldt A, Holmberg M, Nolan J, Soar J, and **Andersen LW**

Resuscitation 2023 Aug 3;191:109922.

Vasopressin and Methylprednisolone and Hemodynamics after In-Hospital Cardiac Arrest – A Post Hoc Analysis of the VAM-IHCA Trial

Andersen LW, Holmberg MJ, Høybye M, Isbye D, Kjærgaard J, Darling S, Zwisler S, Larsen J, Rasmussen B, Iversen K, Schultz M, Sindberg B, Valentin M, and Granfeldt A

Critical Care Medicine 2023 Nov. 3

Sodium Bicarbonate and Calcium Chloride for the Treatment of Hyperkalemia-Induced Cardiac Arrest: A Randomized, Blinded, Placebo-Controlled Animal Study

Eggertsen M, Johannsen C, Kovacevic A, Vallentin M, Vammen L, **Andersen LW**, and Granfeldt A

Resuscitation Plus 2023 Jul 14;15:100428.

Intravenous vs. Intraosseous Vascular Access During Out-of-Hospital Cardiac Arrest - Protocol for a Randomised Clinical Trial

Meilandt C, Vallentin M, Winther K, Bach A, Dissing T, Christensen S, Terkelsen C, Klitgaard T, Mikkelsen S, Folke F, Granfeldt A, and **Andersen LW**

JAMA 2023 May 16;329(19):1693-1694.

Extracorporeal Cardiopulmonary Resuscitation for Cardiac Arrest in 2023

Granfeldt A, Holmberg M, and **Andersen LW**

Journal of the American Heart Association 2023 Apr 4;12(7):e028558.

Thiamine for the Treatment of Cardiac Arrest Induced Neurological Injury: a Randomized, Blinded, Placebo-Controlled Experimental Study

Vammen L, Johannsen C, Baltsen C, Nørholt C, Eggertsen M, Mortensen S, Vormefenne L, Povlsen A, Donnino M, Løfgren B, **Andersen LW**, and Granfeldt A

Resuscitation 2023 Jan;182:109665.

Extracorporeal Cardiopulmonary Resuscitation for Cardiac Arrest: An Updated Systematic Review

Holmberg M, Granfeldt A, Guerguerian AM, Sandroni C, Hsu C, Gardner R, Lind P, Eggertsen M, Johannsen C, and **Andersen LW**

Resuscitation 2022 Nov 18;181:150-157.

Effect of Calcium in Patients with Pulseless Electrical Activity and Electrocardiographic Characteristics Potentially Associated with Hyperkalemia and Ischemia

Vallentin M, Granfeldt A, Povlsen A, Terkelsen C, and **Andersen LW**

Circulation 2022 Dec 20;146(25):e483-e557. and *Resuscitation* 2022 Dec;181:208-288.

2022 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science With Treatment Recommendations

Wyckoff, ... (multiple coauthors), **Andersen LW**, ..., and Berg K

JAMA 2022 Dec 6;328(21):2155-2156.

Adjustment for Baseline Characteristics in Randomized Clinical Trials

Holmberg M and **Andersen LW**

Journal of Clinical Epidemiology 2022 Nov 15:S0895-4356(22)00274-8te

An Overview of Methodological Considerations Regarding Adaptive Stopping, Arm Dropping and Randomisation in Clinical Trials

Granholm A, Kaas-Hansen B, Lange T, Schjørring O, **Andersen LW**, Perner A, Jensen a, and Møller M

Intensive Care Medicine Experimental 2022 Oct 26;10(1):45.

Cerebral Monitoring in a Pig Model of Cardiac Arrest with 48 Hours of Intensive Care

Vammen L, Johannsen C, Magnussen A, Povlsen A, Petersen S, Azizi A, Pedersen M, Korshøj A, Ringgaard S, Løfgren B, **Andersen LW**, and Granfeldt A

Resuscitation 2022 Aug 25:S0300-9572(22)00649-9.

Socioeconomic Status and Outcomes after In-Hospital Cardiac Arrest

Stankovic N, Holmberg M, Granfeldt A, and **Andersen LW**

Acta Anaesthesiologica Scandinavica 2022 Nov;66(10):1237-1246.

Fluid Management of Emergency Department Patients with Sepsis – a Survey of Fluid Resuscitation Practices

Jessen M, Simonsen B, Thomsen M, **Andersen LW**, Petersen J, and Kirkegaard H

Resuscitation 2022 Jul 30:S0300-9572(22)00624-4.

Effect of Calcium vs. Placebo on Long-Term Outcomes in Patients with Out-of-hospital Cardiac Arrest

Vallentin M, Granfeldt A, Meilandt C, Povlsen A, Sindberg B, Holmberg M, Iversen B, Mærkedahl R, Mortensen L, Nyboe R, Vandborg M, Tarpgaard M, Runge C, Christiansen C, Dissing T, Terkelsen C, Christensen S, Kirkegaard H, and **Andersen LW**

Acta Anaesthesiologica Scandinavica 2022 Oct;66(9):1051-1060.

Intraoperative Respiratory and Hemodynamic Strategies for Reducing Nausea, Vomiting, and Pain after Surgery: Systematic Review and Meta-Analysis

Holst J, Klitholm M, Henriksen J, Vallentin M, Jessen M, Bolther M, Holmberg M, Høybye M, Lind P, Granfeldt A, and **LW Andersen**

Critical Care Medicine Oct 1;50(10):e759-e771.

Patient-Important Outcomes other than Mortality in Contemporary ICU Trials: a Scoping Review

Granholm A, Anthon C, Kjær M, Maagaard M, Kaas-Hansen B, Sivapalan P, Schjørring O, **Andersen LW**, Mathiesen O, Strøm T, Jensen A, Perner A, and Møller M

Acta Anaesthesiologica Scandinavica 2022 Sep;66(8):923-933

Fraction of Inspired Oxygen During General Anesthesia for Non-Cardiac Surgery: Systematic Review and Meta-Analysis

Høybye M, Carøe P, Holmberg M, Bolther M, Jessen M, Vallentin M, Hansen F, Holst J, Magnussen J, Hansen N, Johannsen C, Enevoldsen J, Jensen T, Roessler L, Klitholm M, Eggertsen M, Caap P, Boye C, Dabrowski K, Vormfenne L, Henriksen J, Karlsson M, Balleby I, Rasmussen M, Pælestik K, Granfeldt A, and **Andersen LW**

Academic Emergency Medicine 2022 Oct;29(10):1172-1184.

Restrictive Fluids Versus Standard Care in Adults with Sepsis in the Emergency Department (REFACED) – a Multicenter, Randomized Feasibility Trial

Jessen M, **Andersen LW**, Thomsen M, Kristensen P, Hayeri W, Hassel R, Messerschmidt T, Sølling C, Perner A, Petersen J, and Kirkegaard H

Resuscitation 2022 May 23:S0300-9572(22)00165-4.

Socioeconomic Status and Risk of In-Hospital Cardiac Arrest

Stankovic N, Holmberg M, Granfeldt A, and **Andersen LW**

European Journal of Anaesthesiology 2022 Nov 1;39(11):903-905

Blood Pressure Targets During General Anesthesia for Non-Cardiac Surgery: A Systematic Review of Clinical Trials

Bolther M, Henriksen J, Holmberg M, Granfeldt A, and **Andersen LW**

Anesthesia & Analgesia 2022 Nov 1;135(5):971-985.

Ventilation Strategies During General Anaesthesia for Non-Cardiac Surgery: A Systematic Review and Meta-Analysis

Bolther M, Henriksen J, Holmberg M, Jessen M, Vallentin F, Hansen F, Holst J, MD, Magnussen A, Hansen N, Johannsen C, Enevoldsen J, Jensen T, Roessler L, Lind P, Klitholm M, Eggertsen M, Caap P, Boye C, Dabrowski K, Vormfenne L, Høybye M, Karlsson M, Balleby I, Rasmussen M, Pælestik K, Granfeldt A, and **Andersen LW**

Resuscitation 2022 Jun;175:50-56.

Intra-Cardiac Arrest Transport and Survival from Out-of-Hospital Cardiac Arrest: A Nationwide Observational Study

Holmberg M, Granfeldt A, Stankovic N, and **Andersen LW**

Resuscitation 2022 Jun;175:67-71.

Effect of Vasopressin and Methylprednisolone vs. Placebo on Long-Term Outcomes in Patients with In-Hospital Cardiac Arrest - a Randomized Clinical Trial

Granfeldt A, Sindberg B, Isbye D, Kjærgaard J, Kristensen C, Darling S, Zwisler S, Fisker S, Schmidt J, Kirkegaard H, Grejs A, Rossau J, Larsen J, Rasmussen B, Riddersholm S, Iversen K, Schultz M, Nielsen J, Løfgren B, Lauridsen K, Sølling C, Pælestik K, Kjærgaard A, Due-Rasmussen D, Folke F, Charlot M, Jepsen R, Wiberg S, Høybye M, Holmberg M, and **Andersen LW**

Acta Anaesthesiologica Scandinavica 2022 Aug;66(7):838-846.

Senicapoc Treatment in COVID-19 Patients with Severe Respiratory Insufficiency – A Randomized, Open-Label, Phase II Trial

Granfeldt A, **Andersen LW**, Vallentin M, Hilberg O, Hasselstrøm J, Sørensen L, Mogensen S, Christensen S, Grejs A, Rasmussen B, Kristiansen K, Strøm T, Johansen I, Schjørring O, and Simonsen U

Intensive Care Medicine 2022 May;48(5):606-608.

What's New in Intensive Care: Drugs for Advanced Life Support

Andersen LW, Nolan J, and Sandroni C

Pilot and Feasibility Studies 2022 Mar 29;8(1):75.

Restrictive Fluid Administration vs. Standard of Care in Emergency Department Sepsis Patients (REFACED Sepsis) – Protocol for a Multicenter, Randomized, Clinical, Proof-of-Concept Trial

Jessen M, **Andersen LW**, Thomsen ML, Kristensen P, Hayeri W, Hassel R, Perner A, Petersen J, and Kirkegaard H

JAMA 2022 Apr 5;327(13):1282-1283.

Collider Bias

Holmberg M and **Andersen LW**

Intensive Care Medicine 2022 Mar;48(3):261-269. and *Resuscitation* 2022 Mar;172:229-236.

ERC-ESICM Guidelines on Temperature Control after Cardiac Arrest in Adults

Sandroni C, Nolan J, **Andersen LW**, Böttiger B, Cariou A, Cronberg T, Friberg H, Genbrugge C, Lilja G, Morley P, Nikolaou N, Olasveengen T, Skrifvars M, Taccone F, and Soar J

Resuscitation 2022 Jan 3;171:48-56 (Correction published on Aug. 8, 2023)

Vasopressin and Glucocorticoids for In-Hospital Cardiac Arrest: A Systematic Review and Meta-Analysis of Individual Participant Data

Holmberg M, Granfeldt A, Mentzelopoulos S, and **Andersen LW**

British Journal of Anaesthesia 2021 Dec 13:S0007-0912(21)00733-9.

Goal-Directed Haemodynamic Therapy During General Anaesthesia for Non-Cardiac Surgery: A Systematic Review and Meta-Analysis

Jessen M, Vallentin M, Holmberg M, Bolther M, Hansen F, Holst J, Magnussen A, Hansen N, Johannsen C, Enevoldsen J, Jensen T, Roessler L, Lind P, Klitholm M, Eggertsen M, Caap P, Boye C, Dabrowski K, Vormfenne L, Høybye M, Henriksen J, Karlsson M, Balleby I, Rasmussen M, Pælestik K, Granfeldt A, and **Andersen LW**

Acta Anaesthesiologica Scandinavica 2021 Dec 6. doi: 10.1111/aas.14008.

Hospital-level variation in outcomes after in-hospital cardiac arrest in Denmark

Stankovic N, **Andersen LW**, Granfeldt A, and Holmberg M

Journal of the American Heart Association 2021 Dec 2:e022679./JAHA.121.022679.

Cardiac Arrest in Pigs with 48 Hours of Post-Resuscitation Care Induced by Two Methods of Myocardial Infarction - a Methodological Description

Vammen L, Johannsen C, Magnussen A, Povlsen A, Petersen S, Azizi A, Løfgren B, **Andersen LW**, and Granfeldt A

JAMA 2021 Nov 30. doi: 10.1001/jama.2021.20929.

Effect of Intravenous or Intraosseous Calcium vs Saline on Return of Spontaneous Circulation in Adults with Out-of-Hospital Cardiac Arrest

Vallentin M, Granfeldt A, Meilandt C, Povlsen A, Sindberg B, Holmberg M, Iversen B, Mærkedahl R, Mortensen L, Nyboe R, Vandborg M, Tarpgaard M, Runge C, Christiansen C, Dissing T, Terkelsen C, Christensen S, Kirkegaard H, and **Andersen LW**

Critical Care Explorations 2021 Nov 17;3(11):e0579.

The Effect of a Single Dose of Thiamine on Oxygen Consumption in Patients Requiring Mechanical Ventilation for Acute Illness: A Phase II, Randomized, Double-Blind, Placebo-Controlled Trial

Berg K, Grossestreuer A, **Andersen LW**, Liu X, and Donnino M

JAMA 2021 Sep 29. doi: 10.1001/jama.2021.16628

Effect of Vasopressin and Methylprednisolone vs. Placebo on Return of Spontaneous Circulation in Patients with In-Hospital Cardiac Arrest

Andersen LW, Isbye D, Kjærgaard J, Kristensen C, Darling S, Zwisler S, Fisker S, Schmidt JA, Kirkegaard H, Grejs A, Rossau J, Larsen J, Rasmussen B, Riddersholm S, Iversen K, Schultz M, Nielsen J, Løfgren B, Lauridsen K, Sølling C, Pælestik K, Kjærgaard A, Due-Rasmussen D, Folke F, Charlot M, Jepsen RM, Wiberg S, Donnino M, Kurth T, Høybye M, Sindberg B, Holmberg M, and Granfeldt A

Resuscitation 2021 Aug 30:S0300-9572(21)00341-5.

Targeted Temperature Management in Adult Cardiac Arrest: Systematic Review and Meta-Analysis

Granfeldt A, Holmberg M, Nolan J, Soar J, and **Andersen LW**

Acta Anaesthesiologica Scandinavica 2021 Sep;65(8):1122-1142.

24-hour Fluid Administration in Emergency Department Patients with Suspected Infection; a Multicenter, Prospective, Observational Study

Jessen M, **Andersen LW**, Thomsen ML, Jensen M, Kirk M, Kildegaard S, Petersen P, Mohey R, Madsen A, Perner A, Petersen JA, and Kirkegaard H

Resuscitation 2021 Aug;165:50-57.

Pulseless Electrical Activity vs. Asystole in Adult In-Hospital Cardiac Arrest: Predictors and Outcomes

Høybye M, Stankovic N, Lauridsen K, Holmberg M, **Andersen LW**, Granfeldt A

Acta Anaesthesiologica Scandinavica 2021 Aug;65(7):1002-1007.

Patient-Important Outcomes Other Than Mortality in Recent ICU Trials: Protocol for a Scoping Review

Granholm A, Kaas-Hansen B, Kjær M, Anthon C, Sivapalan P, Schjørring O, **Andersen LW**, Mathiesen O, Strøm T, Jensen A, Perner A, and Møller M

Resuscitation 2021 Aug;165:58-65.

Age and Sex Differences in Outcomes After In-Hospital Cardiac Arrest

Stankovic N, Holmberg M, Høybye M, Granfeldt A, and **Andersen LW**

Resuscitation 2021 May;162:388-395.

Ubiquinol as a Metabolic Resuscitator in Post-Cardiac Arrest: A Randomized, Double-Blind, Placebo-Controlled Trial

Holmberg M, **Andersen LW**, Moskowitz A, Berg K, Cocchi M, Chase M, Liu X, Kuhn D, Grossestreuer A, Hoeyer-Nielsen AK, Kirkegaard H, and Donnino M

Resuscitation 2021 May;162:43-46.

Age-Related Cognitive Bias in In-Hospital Cardiac Arrest

Holmberg M, Granfeldt A, Moskowitz A, and **Andersen LW**

Resuscitation Plus 2021 Mar;5:100081

Vasopressin and Methylprednisolone for In-Hospital Cardiac Arrest - Protocol for a Randomized, Double-Blind, Placebo-Controlled Trial

Andersen LW, Sindberg B, Holmberg M, Isbye D, Kjærgaard J, Zwisler S, Darling S, Larsen J, Rasmussen B, Løfgren B, Lauridsen K, Pælestik K, Sølling C, Kjærgaard A, Due-Rasmussen D, Folke F, Charlot M, Iversen K, Schultz M, Wiberg S, Jepsen R, Kurth T, Donnino M, Kirkegaard H, and Granfeldt A

Trials 2021 Jan 11;22(1):50.

Absolute vs. Relative Effects – Implications for Subgroup Analyses

Andersen LW

Resuscitation 2021 Jan;158:166-174

Factors Associated with Shockable versus Non-Shockable Rhythms in Patients with In-Hospital Cardiac Arrest

Stankovic N, Høybye M, Holmberg M, Lauridsen K, **Andersen LW**, and Granfeldt A

Resuscitation 2021 Jan;158:157-165.

In-Hospital vs. Out-of-Hospital Cardiac Arrest: Patient Characteristics and Survival

Høybye M, Stankovic N, Holmberg M, Christensen H, Granfeldt A, and **Andersen LW**

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Trends Over Time in Drug Administration During Pediatric In-Hospital Cardiac Arrest in the United States

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