

Zusammenfassende Darstellung der wissenschaftlichen Publikationen 2019-2023

Hr. Prof. Dr. med. W. J. Randerath

Publikationen

- 1.a) Leitlinien/Konsenspapiere in englischer Sprache
- 1.b) Weitere Publikationen in englischer Sprache
- 2.a) Leitlinein/Konsenspapiere in deutscher Sprache
- 2.b. Weitere Publikationen in deutscher Sprache
- 3.a) Leitlinien/Konsenspapiere in französischer Sprache

1.a) Leitlinien/Konsenspapiere in englischer Sprache

Steier JS, Bogan RK, Cano-Pumarega IM, Fleetham JA, Insalaco G, Lal C, Pépin JL, Randerath W, Redline S, Malhotra A.

Recommendations for clinical management of excessive daytime sleepiness in obstructive sleep apnoea - A Delphi consensus study.

Sleep Med 2023 Dec; 112: 104-115; PMID: 37839271

Renata LR, Celmina M, Cooper B, Hamutcu-Ersu R, Kaditis A, Morley A, Pataka A, Penzel T, Roberti L, Ruehland W, Testelmans D, van Eyck A, Grudström G, Verbraecken J, Randerath W.

ERS technical standards for using type III devices (limited channel studies) in the diagnosis of sleep disordered breathing in adults and children.

Eur Respir J 2023; 61(1): 2200422; PMID 36609518

Smith A, Kardos P, Pfaar O, Randerath W, Estrada Riolobos G, Braido F, Sadofsky L
The treatment of mild upper respiratory tract infections – a position paper with recommendations for best practice.

Drugs Context 2023; 12:2023-4-2; PMID 37521107

Randerath W, Verbraecken J, de Raaff CAL, Hedner J, Herkenrath S, Hohenhorst S, Jakob T, Marrone O, Marklund M, McNicholas WT, Morgan RL, Pepin JL, Schiza S, Skoetz N, Smyth D, Steier J, Tonia T, Trzepizur W, van Mechelen PH, Wijkstra P.

European Respiratory Society guideline on non-CPAP therapies for obstructive sleep apnoea.

European Respiratory Review. 2021; 30 (162): 210200, PMID 34853097

Orr JE, Ayappa I, Eckert DJ, Feldman JL, Jackson CL, Javaheri S, Khayat RN, Martin JL, Mehra R, Naughton MT, Randerath W, Sands SA, Somers VK, Badr MS.
Research Priorities for Patients with Heart Failure and Central Sleep Apnea. An Official American Thoracic Society Research Statement.

Am J Respir Crit Care Med. 2021; 203(6):e11-e24, PMID 33719931

Bassetti CLA, Randerath W, Vignatelli L, Ferini-Strambi L, Brill AK, Bonsignore MR, Grote L, Jennum P, Leys D, Minnerup J, Nobili L, Tonia T, Morgan R, Kerry J, Riha R, McNicholas WT, Papavasileiou V.

EAN/ERS/ESO/ESRS statement on the impact of sleep disorders on risk and outcome of stroke.

Eur Respir J. 2020; 21;55(4):1901104, PMID 32317355

Pfeifer M, Ewig S, Voshaar T, Randerath WJ, Bauer T, Geiseler J, Dellweg D, Westhoff M, Windisch W, Schönhofen B, Kluge S, Lepper PM.

Position Paper for the State-of-the-Art Application of Respiratory Support in Patients with COVID-19.

Respiration. 2020; 19:1-21, PMID 32564028

Ravesloot MJL, de Raaff CAL, van de Beek MJ, Benoist LBL, Beyers J, Corso RM, Edenharter G, den Haan C, Heydari Azad J, Ho JTF, Hofauer B, Kezirian EJ, van Maanen JP, Maes S, Mulier JP, Randerath W, Vanderveken OM, Verbraecken J, Vonk PE, Weaver EM, de Vries N..

Perioperative Care of Patients With Obstructive Sleep Apnea Undergoing Upper Airway Surgery: A Review and Consensus Recommendations.

JAMA Otolaryngol Head Neck Surg. 2019; doi: 10.1001/jamaoto.2019.1448, PMID 31246252

Wormanns D, Kauczor HU, Antoch G, Biederer J, Herth FJF, Vogel-Claussen J, Reinmuth N, Pfeifer M; Board of Directors, Deutsche Röntgengesellschaft; Board of Directors, Deutsche Gesellschaft für Pneumologie und Beatmungsmedizin.
Joint Statement of the German Radiological Society and the German Respiratory Society on a Quality-Assured Early Detection Program for Lung Cancer with Low-Dose CT.

Rofo. 2019; 191(11):993-997, PMID 31537021

1.b) Weitere Publikationen in englischer Sprache

Matthes S, Holl J, Randerath J, Treml M, Bockover M, Herkenrath S, Hagemeyer L, Knoch J, Oesterlee U, Sofianos G, Randerath W.

Analysis of an individualised step-wise approach to non-pharmacological therapy in COVID-19.

Respiration 2023; 102(9):833-842; PMID: 37669641

Bradicich M, Siciliano M, Schiavi E, Amante E, Cantero C, Elbehairy AF, Portacci A, Fanaridis M, Testelmans D, Randerath W, Schiza S

ERS International Congress 2022: highlights from the Sleep Disordered Breathing Assembly.

ERJ Open Res 2023 Apr 17; 9(2):00582-2022; PMID: 37077556

Schloesser K, Bergmann A, Eisenmann Y, Pauli B, Pralong A, Hellmich M, Oberste M, Hamacher S, Tuchscherer A, Frank KF, Randerath W, Herkenrath S, von Leupoldt A, Niecke A, Simon ST.

Interaction of panic and episodic breathlessness among patients with life-limiting diseases: a cross-sectional study.

Annals of Palliative Medicine 2023; 12(5):900-911; PMID: 37691331

Khayat RN, Porter K, Germany RE, McKane SW, Healy W, Randerath W.

Clinical and financial impact of sleep disordered breathing on heart failure admissions.

Sleep Breath 2023; 27(5):1917-1924; PMID 36930416

Sun P, Porter K, Randerath W, Jarjoura D, Khayat R.

Adaptive servo-ventilation and mortality in patients with systolic heart failure and central sleep apnea: a single-center experience.

Sleep Breath 2023; 27: 1909–1915; PMID 36920657

Hagemeyer L, van Koningsbruggen-Rietschel S, Matthes S, Rietschel E, Randerath R. From the infant to the geriatric patient-Strategies for inhalation therapy in asthma and chronic obstructive pulmonary disease.

Clin Respir J 2023; 17(6):487-498; PMID 37054701

Rehorn W, Herkenrath S, Treml M, Hagmeyer L, Bayarassou AH, Randerath W.
Decannulation/Weaning Potential and Success in Home Intensive Care
Respiration 2023; 102 (2): 110-119; PMID 36521450

Hagmeyer L, Herkenrath SD, Treml M, Pietzke-Calcagnile A, Anduleit N, Randerath W.

Sleep-related breathing disorders in idiopathic pulmonary fibrosis are frequent and may be associated with pulmonary vascular involvement.

Sleep Breath 2023; Jun;27(3):961-971; PMID 35922615

Matthes S, Randerath W.

Assessment of sleep disordered breathing in patients with heart failure.

Breathe (Sheff); 2022 Sep;18(3):220153; PMID: 36865658

Randerath W, Arzt M.

Central sleep apnea in heart failure: one size does not fit all.

Thorax. 2022; 77(2):108-109; PMID 34301739

Bruno RR, Wernly B, Flaatten H, Fjølner J, Artigas A, Baldia PH, Binneboessel S, Bollen Pinto B, Schefold JC, Wolff G, Kelm M, Beil M, Sviri S, van Heerden PV, Szczeklik W, Elhadi M, Joannidis M, Oeyen S, Kondili E, Marsh B, Wollborn J, Andersen FH, Moreno R, Leaver S, Boumendil A, De Lange DW, Guidet B, Jung C; COVIP study group.

The association of the Activities of Daily Living and the outcome of old intensive care patients suffering from COVID-19.

Ann Intensive Care. 2022; 12(1):26; PMID 35303201

Polok K, Fronczek J, Artigas A, Flaatten H, Guidet B, De Lange DW, Fjølner J, Leaver S, Beil M, Sviri S, Bruno RR, Wernly B, Bollen Pinto B, Schefold JC, Studzińska D, Joannidis M, Oeyen S, Marsh B, Andersen FH, Moreno R, Cecconi M, Jung C, Szczeklik W; COVIP Study Group.

Noninvasive ventilation in COVID-19 patients aged \geq 70 years-a prospective multicentre cohort study.

Crit Care 2022; 26(1):224; PMID 35869557

Trudzinski FC, Jörres RA, Alter P, Walter J, Watz H, Koch A, John M, Lommatzsch M, Vogelmeier CF, Kauczor HU, Welte T, Behr J, Tufman A, Bals R, Herth FJF, Kahnert K; COSYCONET Study Group.

Sex-specific associations of comorbidome and pulmorbidoome with mortality in chronic obstructive pulmonary disease: results from COSYCONET.

Sci Rep. 2022; 12(1):8790; PMID 35610473

Steffen A, Heiser C, Galetke W, Herkenrath SD, Maurer JT, Günther E, Stuck BA, Woehrle H, Löbler J, Randerath W.

Hypoglossal nerve stimulation for obstructive sleep apnea: updated position paper of the German Society of Oto-Rhino-Laryngology, Head and Neck Surgery.

Eur Arch Otorhinolaryngol. 2022; 279(1):61-66; PMID 34151387

Fietze I, Laharnar N, Bargiotas P, Basoglu OK, Dogas Z, Drummond M, Fanfulla F, Gislason T, Gouveris H, Grote L, Hein H, Jenum P, Joppa P, van Kralingen K, Kvamme JA, Lombardi C, Ludka O, Mallin W, Marrone O, McNicholas WT, Mihaicuta S, Montserrat J, Pillar G, Pataka A, Randerath W, Riha RL, Roisman G, Saaresranta T, Schiza SE, Sliwinski P, Svaza J, Steiropoulos P, Tamisier R, Testelmans D, Trakada G, Verbraecken J, Zablockis R, Penzel T.

Management of obstructive sleep apnea in Europe - A 10-year follow-up.

Sleep Med. 2022; 97:64-72; PMID 35724441

Craig S, Pépin JL, Randerath W, Caussé C, Verbraecken J, Asin J, Barbé F, Bonsignore MR.

Investigation and management of residual sleepiness in CPAP-treated patients with obstructive sleep apnoea: the European view.

Eur Respir Rev 2022; 31(164):210230; PMID 35613742

Soliman IW, Leaver S, Flaatten H, Fjølner J, Wernly B, Bruno RR, Artigas A, Bollen Pinto B, Schefold JC, Beil M, Sviri S, van Heerden PV, Szczechlik W, Elhadi M, Joannidis M, Oeyen S, Zafeiridis T, Wollborn J, Banzo MJA, Fuest K, Marsh B, Andersen FH, Moreno R, Boumendil A, Guidet B, Jung C, De Lange DW; COVIP-study group.

Health-related quality of life in older patients surviving ICU treatment for COVID-19: results from an international observational study of patients older than 70 years.
Age Ageing. 2022; 51(2):afab278; PMID 35136896

Randerath W, de Lange J, Hedner J, Ho JPTF, Marklund M, Schiza S, Steier J, Verbraecken J.

Current and novel treatment options for obstructive sleep apnoea.
ERJ Open Res. 2022; 8(2):00126-2022; PMID 35769417

Guidet B, Jung C, Flaatten H, Fjølner J, Artigas A, Pinto BB, Schefold JC, Beil M, Sigal S, van Heerden PV, Szczeklik W, Joannidis M, Oeyen S, Kondili E, Marsh B, Andersen FH, Moreno R, Cecconi M, Leaver S, De Lange DW, Boumendil A; VIP2 and COVIP study groups.

Correction to: Increased 30-day mortality in very old ICU patients with COVID-19 compared to patients with respiratory failure without COVID-19.

Intensive Care Med. 2022; 48(6):797-799; PMID 35357546

Guidet B, Jung C, Flaatten H, Fjølner J, Artigas A, Pinto BB, Schefold JC, Beil M, Sigal S, van Heerden PV, Szczeklik W, Joannidis M, Oeyen S, Kondili E, Marsh B, Andersen FH, Moreno R, Cecconi M, Leaver S, De Lange DW, Boumendil A; VIP2 and COVIP study groups.

Increased 30-day mortality in very old ICU patients with COVID-19 compared to patients with respiratory failure without COVID-19.

Intensive Care Med. 2022; 48(4):435-447; PMID 35218366

Verbraecken J, Dieltjens M, Op de Beeck S, Vroegop A, Braem M, Vanderveken O, Randerath W.

Non-CPAP therapy for obstructive sleep apnoea.
Breathe. 2022; 18(3):220164; PMID 36340820

Reitzel T, Bergmann A, Schloesser K, Pauli B, Eisenmann Y, Randerath W, Tuchscherer A, Frank K, Simon ST, Pralong A.

The experience of episodic breathlessness from the perspective of informal caregivers: a qualitative interview study.

Annals of Palliative Medicine. 2022; 11(7):2225-2234; PMID 35306824

Schloesser K, Bergmann A, Eisenmann Y, Pauli B, Hellmich M, Oberste M, Hamacher S, Tuchscherer A, Frank KF, Randerath W, Herkenrath S, Simon ST. Only I know now, of course, how to deal with it, or better to deal with it: A mixed methods phase II study of a cognitive and behavioral intervention for the management of episodic breathlessness.

J Pain Symptom Manage. 2022; 63(5):758-768; PMID 34793948

Spiesshoefer J, Herkenrath SD, Harre K, Kahles F, Florian AR, Mohr M, Naughton M, Randerath WJ, Emdin M, Passino C, Regmi B, Dreher M, Boentert M, Giannoni A. Response to the Letter: Sleep-Disordered Breathing in Precapillary Pulmonary Hypertension: Is the Prevalence So High? Reference Article: Sleep-Disordered Breathing and Nocturnal Hypoxemia in Precapillary Pulmonary Hypertension: Prevalence, Pathophysiological Determinants and Clinical Consequences by Zheng Z et al.

Respiration. 2022; 101(4): 433-435, PMID 34923494

Herkenrath SD, Boschung K, Nacov JA, Heibges A, Schroer B, Treml M, Randerath WJ.

Initial Proportion and Dynamic of B.1.1.7 SARS-CoV-2 in a Large City in the West of Germany.

Biomed Hub. 2022; 7(1): 36-41, PMID 35433711

Herkenrath S, Treml M, Hagmeyer L, Matthes S, Randerath W.

Severity stages of obesity-related breathing disorders - a cross-sectional cohort study.

Sleep Med. 2022; 90: 9-16, PMID 35051737

Dres M, Gama de Abreu M, Merdji H, Müller-Redetzky H, Dellweg D, Randerath WJ, Mortaza S, Jung B, Bruells C, Möller O, Scharffenberg M, Jaber S, Basset S, Bitter T, Geise A, Heine A, Malfertheiner MV, Kortgen A, Benzaquen J, Nelson T, Uhrig A, Mönig O, Meziani F, Demoule A, Similowski T; RESCUE-2 Study Group Investigators.

Randomised Clinical Study of Temporary Transvenous Phrenic Nerve Stimulation in Difficult-to-Wean Patients.

Am J Respir Crit Care Med. 2022; 205(10):1169-1178, PMID 35108175

Schiza S, Lévy P, Martinez-Garcia MA, Pepin JL, Simonds A, Randerath.

The search for realistic evidence on the outcomes of obstructive sleep apnoea. Eur Respir J. 2021; 58(4): 2101963, PMID 34620678

Randerath W, Herkenrath S, Treml M, Grote L, Hedner J, Bonsignore MR, Pépin JL, Ryan S, Schiza S, Verbraecken J, McNicholas WT, Pataka A, Sliwinski P, Basoglu ÖK.

Evaluation of a multicomponent grading system for obstructive sleep apnoea: the Baveno classification.

ERJ Open Res. 2021; 7(1):00928-2020, PMID 33681346

Randerath W.

It's possible: why don't we do it?

J Clin Sleep Med. 2021; 17(6):1149–1150, PMID 33835010

Spiesshoefer J, Henke C, Kabitz HJ, Bengel P, Schütt K, Nofer J, Spieker M, Orwat S, Diller GP, Strecker JK, Giannoni A, Dreher M, Randerath W, Boentert M, Tuleta I.

Heart Failure Results in Inspiratory Muscle Dysfunction Irrespective of Left Ventricular Ejection Fraction.

Respiration. 2021; 100:96–108, PMID 33171473

Schiza S, Simonds A, Randerath W, Fanfulla F, Testelmans D, Grote L, Montserrat JM, Pepin J, Verbraecken J, Ersu R, Bonsignore MR. Sleep Laboratories Reopening and COVID-19: A European Perspective. Eur Respir J. 2021; 57(3):2002722, PMID 33214202

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Hagmeyer L, Schäfer S, Engels M, Pietzke-Calcagnile A, Treml M, Herkenrath S, Heldwein M, Hekmat K, Matthes S, Scheel A, Wolf J, Büttner R, Randerath W. High sensitivity of PD-L1 analysis from pleural effusion in nonsmall cell lung cancer. ERJ Open Res. 2021; 7(1):00787-2020, PMID 33778051

Herkenrath S, Dreher M, Gompelmann D, Held M, Koczulla AR, Köhnlein T, Rohde G, Wälscher J, Watz H, Randerath W. Technical Innovations in Pneumology: E-Health, Screening, Diagnostics, and Therapy. Respiration. 2021; 100:1009-1015, PMID 33965942

Koka V, De Vito A, Roisman G, Petitjean M, Pignatelli GRF, Padovani D, Randerath W.

Orofacial Myofunctional Therapy in Obstructive Sleep Apnea Syndrome: A Pathophysiological Perspective.

Medicina (Kaunas). 2021; 57(4):323, PMID 33915707

Spiesshoefer J, Herkenrath S, Harre K, Kahles F, Florian A, Yilmaz A, Mohr M, Naughton M, Randerath W, Emdin M, Passino C, Regmi B, Dreher M, Boentert M, Giannoni A.

Sleep-Disordered Breathing and Nocturnal Hypoxemia in Precapillary Pulmonary Hypertension: Prevalence, Pathophysiological Determinants, and Clinical Consequences.

Respiration. 2021; 28:1-12, PMID 33910200

Steffen A, Heiser C, Galetke W, Herkenrath SD, Maurer JT, Günther E, Stuck BA, Woehrle H, Löhler J, Randerath W.

Hypoglossal nerve stimulation for obstructive sleep apnea: updated position paper of the German Society of Oto-Rhino-Laryngology, Head and Neck Surgery.

Eur Arch Otorhinolaryngol. 2021; 279(1):61-66, PMID 34151387

Ferini-Strambi L, Auer R, Bjorvatn B, Castronovo V, Franco O, Gabutti L, Galbiati A, Hajak G, Khatami R, Kitajima T, McEvoy D, Nissen C, Perlis M, Pevernagie DA, Randerath W, Riemann D, Rizzo G, Van Someren E, Vgontzas A, Barazzoni F, Bassetti C.

Insomnia disorder: clinical and research challenges for the 21st century.

Eur J Neurol. 2021; 28: 2156-2167, PMID 33619858

Strassberger C, Zou D, Penzel T, Fietze I, Hedner J, Ficker JH, Randerath W, Sanner B, Sommermeyer D, Grote L.

Beyond the AHI-pulse wave analysis during sleep for recognition of cardiovascular risk in sleep apnea patients.

J Sleep Res. 2021; 30(6):e13364, PMID 34032334

Spiesshoefer J, Lutter R, Kabitz H-J, Henke C, Herkenrath S, Randerath W, Young P, Dreher M, Görlich D, Boentert M.

Respiratory muscle function tests and diaphragm ultrasound predict nocturnal hypoventilation in slowly progressive myopathies.

Frontiers in Neurology. 2021; 12: 731865, PMID 34721265

Parekh A, Tolbert TM, Mooney AM, RamosCejudo J, Osorio RS, Tremi M, Herkenrath S, Randerath W, Ayappa I, Rapoport DM.

Endotyping Sleep Apnea One Breath at a Time: An Automated Approach for Separating Obstructive from Central Sleep Disordered Breathing.

Am J Respir Crit Care Med. 2021; doi.org/10.1164/rccm.202011-4055OC, PMID 34449303

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Effects of nasal high flow on nocturnal hypercapnia, sleep, and sympathovagal balance in patients with neuromuscular disorders.

Sleep Breath. 2021; 25(3):1441-1451, PMID 33263819

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Positive airway pressure (PAP) treatment reduces glycated hemoglobin (HbA1c) levels in obstructive sleep apnea patients with concomitant weight loss: Longitudinal data from the ESADA.

J Sleep Res. 2021; 30(5):e13331, PMID 33987873

Randerath W, BaHamman AS.

Overlooking Obesity Hypoventilation Syndrome: The Need for Obesity Hypoventilation Syndrome Staging and Risk Stratification.

Ann Am Thorac Soc. 2020; 17(10):1211-1212, PMID 33000959

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Characteristics of respiratory muscle involvement in myotonic dystrophy type 1.

Neuromuscul Disord. 2020; 30(1):17-27, PMID 31839403

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Sleep apnoea management in Europe during the COVID-19 pandemic: data from the European Sleep Apnoea Database (ESADA).

Eur Respir J. 2020; 18;55(6):2001323, PMID 32366489

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Pevernagie DA, Gnidovec-Strazisar B, Grote L, Heinzer R, McNicholas WT, Penzel T, Randerath W, Schiza S, Verbraecken J, Arnardottir ES. On the rise and fall of the apnea-hypopnea index: A historical review and critical appraisal.
J Sleep Res. 2020; 29(4):e13066, PMID 32406974

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Respiration. 2020; 99(5):398-408, PMID 32403109

Khayat RN, Javaheri S, Porter K, Sow A, Holt R, Randerath W, Abraham WT, Jarjoura D.

In-hospital management of sleep apnea during heart failure hospitalization - a randomized controlled trial.

J Card Fail. 2020; S1071-9164(20)30310-9, PMID 32592897

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Respiration. 2020; 99(5):369-381, PMID 32396905

Lutter JI, Jörres RA, Kahnert K, Schwarzkopf L, Studnicka M, Karrasch S, Schulz H, Vogelmeier CF, Holle R; COSYCONET Study Group.

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Sci Rep. 2020; 10(1):10544, PMID 32601330

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Effects of continuous positive airway pressure therapy on daytime and nighttime arterial blood pressure in patients with severe obstructive sleep apnea and endothelial dysfunction.
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Continuous professional development: elevating sleep andbreathing disorder education in Europe.
Breathe (Sheff). 2020; 6(1):190336, PMID 32194769

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