Bijlage Zoekverantwoording

Onderzoeksvraag 1: niet-medicamenteuze behandeling

Wat is het effect van niet-medicamenteuze interventies op dyspneu bij mensen met dyspneu in de palliatieve fase met ILD/longfibrose, COPD, hartfalen, kanker en ALS?

P	Patiënten met dyspneu en kanker in de palliatieve fase of vergevorderde stadia van COPD, longfibrose of hartfalen
I	Niet-medicamenteuze behandeling: instructie en voorlichting, ademhalingsoefeningen, ontspanningsoefeningen, mind-body behandelingen, psychologische ondersteuning, hulpmiddelen bij het lopen, luchtbevochtiging, ventilator, zuurstof, high-flow zuurstof, niet-invasieve beademing, breathlessness services)
C	Andere niet-medicamenteuze interventie of geen interventie
O	Cruciaal: dyspneu, levenskwaliteit, inspanningstolerantie Belangrijk: fysiek functioneren

Onderzoeksvraag 2: Medicamenteuze behandeling

Wat is het effect van medicatie op dyspneu bij mensen met dyspneu in de palliatieve fase met kanker, ILD/longfibrose, vergevorderde stadia van COPD of hartfalen of ALS?

P	Patiënten met dyspneu in de palliatieve fase met kanker, ILD/longfibrose, vergevorderde stadia van COPD of hartfalen of ALS
I	Medicamenteuze behandeling a. opioïden (morfine, fentanyl, oxycodon, hydromorfine) b. corticosteroïden voor dyspneu bij kanker c. benzodiazepines d. antidepressiva
C	Andere (medicamenteuze of non-medicamenteuze) interventie of placebo
O	Dyspneu, inspanningstolerantie, fysiek functioneren, kwaliteit van leven

Search strategy
Op 16 mei 2025 is in de databases Medline (OVID), Embase en de Cochrane Library gezocht naar wetenschappelijke literatuur vanaf 2015. De zoekactie werd gecombineerd voor twee onderzoeksvragen, en leverde na ontdubbelen en verwijderen van referenties in een andere taal dan Engels of Nederlands 7770 resultaten op.

Zoekresultaten
Deze resultaten zijn systematisch geselecteerd op basis van de volgende criteria:

- Populatie en interventies zoals gedefinieerd in de PICO
- Studietype: systematische reviews, meta-analyses of RCT’s
- Taal: Engels, Nederlands

In eerste instantie zijn de titel en abstract van de referenties beoordeeld; 551 referenties werden geselecteerd voor beoordeling op basis van het volledige artikel. Omwille van deze grote opbrengst werd door de werkgroep beslist vanaf deze fase de verdere uitwerking enkel te richten op systematische reviews. Uiteindelijk werden in totaal 103 systematische reviews

geïncludeerd, waarvan 87 reviews voor deze onderzoeksvraag. In bijlage 6 is een volledig overzicht opgenomen van de artikelen die niet werden opgenomen na beoordeling van de volledige tekst met redenen.
Voor COPD werd de gevonden literatuur verwerkt vanaf de zoekdatum van de vorige richtlijn over COPD (december 2019), voor de overige aandoeningen vanaf de zoekdatum van de vorige richtlijn over dyspneu (januari 2015).

Table 1. Overall search results of research question 1

Database	**Aantal**
Medline	1958
PreMedline	69
CDSR	90
CENTRAL	3895
Embase	3977
Totaal aantal resultaten	**9989**
Aantal geëxcludeerd (dubbelen, foute taal)	2219
Totaal aantal unieke resultaten	**7770**

Tabel 2. Overzicht van geëxcludeerde studies gebaseerd op beoordeling van de volledige tekst

Referentie	**Reden voor exclusie**
Aabom, B., et al., Oral morphine drops for prompt relief of breathlessness in patients with advanced cancer—a randomized, double blinded, crossover trial of morphine sulfate oral drops vs. morphine hydrochloride drops with ethanol (red morphine drops). Supportive Care in Cancer, 2020. 28(7): p. 3421-3428.	Geen full-text
Abdallah, S., et al. A Randomized double blind, placebo controlled clinical trial evaluating the effects of immediate release morphine on breathlessness and exercise endurance in COPD: responders vs. Non-Responders. Canadian journal of respiratory critical care and sleep medicine, 2017. 1, 159 DOI: 10.1080/24745332.2017.1341154.	Abstract
Ackrivo, J., et al., Noninvasive Ventilation Use Is Associated with Better Survival in Amyotrophic Lateral Sclerosis. Annals of the American Thoracic Society, 2021. 18(3): p. 486-494.	Abstract
Alison, J., et al. Oxygen supplementation does not provide greater training benefits in COPD than medical air: a RCT. European respiratory journal, 2017. 50, DOI: 10.1183/1393003.congress-2017.OA4867.	Abstract
Alison, J., et al. Oxygen supplementation during exercise training in COPD: a RCT. Respirology (Carlton, Vic.), 2018. 23, 73 DOI: 10.1111/resp.13267.	Abstract
Altree, T., et al. The effects of low-dose morphine on sleep and breathlessness in chronic obstructive pulmonary disease: a randomised controlled trial. Sleep medicine, 2024. 115, 393 DOI: 10.1016/j.sleep.2023.11.1058.	Abstract
Altree, T.J., et al., The Effects of Low-Dose Morphine on Sleep and Breathlessness in COPD: A Randomized Trial. Chest, 2024. 13: p. 13.	Dubbel
Ammous, O., et al., Inspiratory muscle training, with or without concomitant pulmonary rehabilitation, for chronic obstructive pulmonary disease (COPD). Cochrane Database of Systematic Reviews, 2020. 2020(11).	Updated
Ankjaergaard, K.L., et al., Home Non Invasive Ventilation (NIV) treatment for COPD patients with a history of NIV-treated exacerbation; a randomized, controlled, multi-center study. BMC Pulmonary Medicine, 2016. 16: p. 32.	Protocol
Arif, R., et al., Treatment of pulmonary hypertension associated with COPD: a systematic review. ERJ Open Research, 2022. 8(1).	Geen enkele studie vanaf 2015

Arizono, S., et al. Benefits of high-flow nasal cannula oxygen therapy on exercise capacity following acute exacerbation in ILD patients. European respiratory journal, 2020. 56, DOI: 10.1183/13993003.congress-2020.4662.	Abstract
Aslan, G.K., et al., A randomized controlled trial on inspiratory muscle training in pulmonary hypertension: Effects on respiratory functions, functional exercise capacity, physical activity, and quality of life. Heart and Lung, 2020. 49(4): p. 381-387.	Pulmonale hypertensie
Atwi, Z., Effects of inhaled furosemide on dyspnea and pulmonary function in people with COPD: A literature review. Canadian Journal of Respiratory Therapy, 2022. 58: p. 170-174.	Foute interventie
Avci Turkseven, A. and A. Celik, Effect of Progressive Relaxation Exercises on Dyspnea and Comfort Level in Individuals With Chronic Obstructive Lung Disease: A Randomized Controlled Study. Holistic Nursing Practice, 2025. 11: p. 11.	Geen full-text
Bai, X.L., et al., Impact of exercise on health outcomes in people with cancer: an umbrella review of systematic reviews and meta-analyses of randomised controlled trials. British Journal of Sports Medicine, 2025. 29: p. 29.	Andere focus dan PICO
Bains, K.K., et al., A systematic review of change in symptoms, well-being and quality of life with group singing in people with cancer and their caregivers. Supportive Care in Cancer, 2024. 32(4).	Geen studies over dyspneu
Barneche, M., et al. High flow nasal cannula improves exercise capacity in COPD patients: crossover trial. European respiratory journal, 2018. 52, DOI: 10.1183/13993003.congress-2018.OA5196.	Abstract
Barnes-Harris, M., et al., Battery operated fan and chronic breathlessness: does it help? BMJ supportive & palliative care, 2019. 9(4): p. 478-481.	Geen enkele studie vanaf 2015
Barnes, H., et al., Opioids for the palliation of refractory breathlessness in adults with advanced disease and terminal illness. Cochrane Database of Systematic Reviews, 2016. 3: p. CD011008.	Geen enkele studie vanaf 2015
Barnestein-Fonseca, P., et al. Can we improve the inhalation techniques in patient with COPD?. Tiepoc study. Value in health, 2015. 18, A495.	Abstract
Benzo-Iglesias, M.J., et al., Effectiveness of Water-Based Exercise in Patients with Chronic Obstructive Pulmonary Disease: Systematic Review and Meta-Analysis. Sensors, 2023. 23(20): p. 18.	Geen interventie benoemd in PICO
Benzo, R., P. Novotny, and C. McEvoy Health coaching improves self management in COPD after a hospitalization. American journal of respiratory and critical care medicine, 2017. 195, DOI: 10.1164/ajrccmconference.2017.C95.	Abstract
Bertella, E., et al., Early initiation of night-time NIV in an outpatient setting: a randomized non-inferiority study in ALS patients. European journal of physical & rehabilitation medicine., 2017. 53(6): p. 892-899.	Geen full-text
Bitos, K., et al. Effect of High-Flow Oxygen on Exercise Performance In COPD. A Randomized Crossover Trial. European respiratory journal, 2020. 56, DOI: 10.1183/13993003.congress-2020.1925.	Abstract
Bitos, K., et al., Effect of High-Flow Oxygen on Exercise Performance in COPD Patients. Randomized Trial. Frontiers in Medicine, 2020. 7.	Meerderheid heeft GOLD 2 COPD
Bonnevie, T., et al. Impact of nasal high-flow on exercise capacity and dyspnea in severe/very severe COPD. European respiratory journal, 2022. 60, DOI: 10.1183/13993003.congress-2022.1149.	Abstract
Boutou, A., et al. Acute effects of oxygen supplementation during exercise in patients with pulmonary arterial hypertension. European respiratory journal, 2019. 54, DOI: 10.1183/13993003.congress-2019.OA3571.	Abstract
Boyden, J.Y., et al., Nebulized medications for the treatment of dyspnea: a literature review. Journal of aerosol medicine & pulmonary drug delivery, 2015. 28(1): p. 1-19.	Geen enkele studie vanaf 2015
Brighton, L.J., et al., Holistic services for people with advanced disease and chronic breathlessness: A systematic review and meta-analysis. Thorax, 2018. 31(2 S).	Dubbel

Bruno, M.D.B., et al. Effectiveness and reproducibility of an exercise training program: THE ERIC-HF-multicenter randomized controlled trial. European journal of heart failure, 2022. 24, 261 DOI: 10.1002/ejhf.2569.	Abstract
Bulut, N., et al. Comparison of the effectiveness of different telerehabilitation methods on exercise capacity, dyspnea and quality of life in COPD patients. European respiratory journal, 2022. 60, DOI: 10.1183/13993003.congress-2022.170.	Abstract
Burrell, T., et al. Cool Facial Airflow Speeds Recovery from Exertion Induced Breathlessness in People with Chronic Breathlessness. Palliative medicine, 2023. 37, 78-79 DOI: 10.1177/02692163231172891.	Abstract
Cabezon-Gutierrez, L., et al., Opioids for management of episodic breathlessness or dyspnea in patients with advanced disease. Supportive Care in Cancer, 2016. 24(9): p. 4045-55.	Geen full-text
Cajas Santana, L.J., et al., Pharmacological treatment of systemic sclerosis-associated pulmonary hypertension: A systematic literature review. Revista Colombiana de Reumatologia, 2020. 27: p. 135-145.	Geen interventie benoemd in PICO
Cevirme, A. and G. Gokcay, The impact of an Education-Based Intervention Program (EBIP) on dyspnea and chronic self-care management among chronic obstructive pulmonary disease patients. A randomized controlled study. Saudi Medical Journal, 2020. 41(12): p. 1350-1358.	Stadium II COPD
Chai, C., et al. A randomized controlled trial of mindfulness breathing exercise in patients with advanced lung cancer. Annals of oncology, 2018. 29, DOI: 10.1093/annonc/mdy440.005.	Abstract
Chai, C., et al. Dyspnea improvement in patients with lung diseases in a single session of mindful breathing: a randomized controlled study. Respirology (Carlton, Vic.), 2018. 23, 197-198 DOI: 10.1111/resp.13420_297.	Abstract
Chao, K.Y., et al., Effects of high-flow nasal cannula with oxygen on self-paced exercise performance in COPD: A randomized cross-over trial. Medicine, 2021. 100(51): p. e28032.	86% had GOLD I-II COPD
Charalambous, A., et al. Use of inspiratory muscle training in managing dyspnoea in lung cancer patients. Journal of thoracic oncology, 2017. 12, S206-s208.	Abstract
Chen, Y.H., et al., Effects of a Pedometer-Based Walking Program in Patients with COPD-A Pilot Study. Medicina, 2022. 58(4): p. 29.	Geen interventie benoemd in PICO
Chia, K.S.W., et al., The exercise in pulmonary arterial hypertension (ExPAH) study: A randomized controlled pilot of exercise training and multidisciplinary rehabilitation in pulmonary arterial hypertension. Pulmonary Circulation, 2022. 12(2).	Pulmonale hypertensie
Christiansen, D., et al. Morphine for dyspnea in advanced pulmonary arterial hypertension. European respiratory journal, 2019. 54, DOI: 10.1183/13993003.congress-2019.PA3948.	Abstract
Chykiamis, N., et al. Influence of the vita breath on exercise tolerance in patients with COPD. European respiratory journal, 2018. 52, DOI: 10.1183/13993003.congress-2018.PA3361.	Abstract
Chynkiamis, N., et al. Effect of the vitabreath device on exercise capacity & symptoms in COPD. Thorax, 2018. 73, A7 DOI: 10.1136/thorax-2018-212555.14.	Abstract
Clari, M., et al., Self-Care of People with Chronic Obstructive Pulmonary Disease: A Meta-Synthesis. The Patient: Patient-Centered Outcomes Research, 2017. 10(4): p. 407-427.	Kwalitatieve studies
Collins, S., et al. Understanding the Impact of Pulmonary Vascular Dysfunction on Exercise Tolerance and Dyspnea Across the Continuum of Chronic Obstructive Pulmonary Disease. American journal of respiratory and critical care medicine, 2022. 205, DOI: 10.1164/ajrccm-conference.2022.205.1_MeetingAbstracts.A3648.	Abstract

Currow, D., et al. Regular extended release morphine for chronic breathlessness: a multi-centre double-blind randomised controlled trial. American journal of respiratory and critical care medicine, 2018. 197.	Abstract
Currow, D., et al. Regular extended release morphine for chronic breathlessness: a multi-centre doubleblind RCT. European respiratory journal, 2018. 52, DOI: 10.1183/13993003.congress-2018.OA1624.	Abstract
Currow, D., et al., A pragmatic, phase III, multisite, double-blind, placebo-controlled, parallel-arm, dose increment randomised trial of regular, low-dose extended-release morphine for chronic breathlessness: Breathlessness, Exertion And Morphine Sulfate (BEAMS) study protocol. BMJ Open, 2017. 7(7): p. e018100.	Protocol
Currow, D.C., et al., Isolating peripheral effects of endogenous opioids in modulating exertional breathlessness in people with moderate or severe copd: A randomised controlled trial. ERJ Open Research, 2019. 5(4).	Geen interventie benoemd in PICO
Cutts, S., et al. A randomised crossover trial investigating the effect of a portable positive pressure ventilation device on exercise tolerance in patients with COPD. European respiratory journal, 2018. 52, DOI: 10.1183/13993003.congress-2018.PA2054.	Abstract
Dai, Y., et al., The effects of telerehabilitation on physiological function and disease symptom for patients with chronic respiratory disease: a systematic review and meta-analysis. BMC Pulmonary Medicine, 2024. 24(1): p. 305.	Geen interventie benoemd in PICO
Daynes, E., et al. A randomised controlled trial to investigate the use of high-frequency airway oscillations as training to improve dyspnoea in COPD. ERJ open research, 2019. 5, DOI: 10.1183/23120541.00064-2019.	Foute interventie
Daynes, E., et al., The Use of Airway Clearance Devices in the Management of Chronic Obstructive Pulmonary Disease. A Systematic Review and Meta-analysis of Randomized Controlled Trials. Annals of the American Thoracic Society, 2021. 18(2): p. 308-320.	Foute interventie
Daynes, E., N. Greening, and S. Singh The use of high frequency airway oscillations versus a sham to reduce dyspnea in patients with chronic obstructive pulmonary disease. American journal of respiratory and critical care medicine, 2020. 201.	Abstract
Daynes, E., N. Greening, and S.J. Singh, Randomised controlled trial to investigate the use of high-frequency airway oscillations as training to improve dyspnoea (TIDe) in COPD. Thorax, 2022. 77(7): p. 690-696.	Foute interventie
De, C.C., et al. Elastic tape reduces dyspnea and improves health status in males with COPD: a randomized controlled trial. European respiratory journal, 2021. 58, DOI: 10.1183/13993003.congress-2021.PA335.	Abstract
Delgado, M.L., et al., Opioids for the management of dyspnea in patients with heart failure: A systematic review of the literature. Colombian Journal of Anesthesiology, 2019. 47(1): p. 49-56.	Geen enkele studie vanaf 2015
Dowman, L., et al., Pulmonary rehabilitation for interstitial lung disease. Cochrane Database of Systematic Reviews, 2021. 2: p. CD006322.	Geen interventie benoemd in PICO
Dsilva, C., S. Pais, and D. Mascarenhas Short-term Impact of Lung Flute and Inspiratory Muscle Trainer on Pulmonary Functions and Functional Capacity in COPD from a Low Middle Income Country : a Pilot Randomized Control Trial. European respiratory journal, 2020. 56, DOI: 10.1183/13993003.congress-2020.1261.	Abstract
Edney, L.C., et al., Mapping a decade of interventions to address the supportive care needs of individuals living with or beyond cancer: a scoping review of reviews. Supportive Care in Cancer, 2022. 30(5): p. 3793-3804.	Geen focus op dyspneu
Edvardsen, A., et al. Oxygen supplementation in COPD patients with exercise induced desaturation-a RCT study. European respiratory journal, 2019. 54, DOI: 10.1183/13993003.congress-2019.PA3421.	Abstract
Effect of prophylactic fentanyl buccal tablet (FBT) on exercise-induced dyspnea in cancer patients: a pilot double blind, placebo controlled randomized trial. Supportive care in cancer, 2017. Conference: 2017 International MASCC/ISOO Symposium: Supportive Care in Cancer. United States. 25, S193.	Abstract

Ekstrom, M., et al. Extended-release morphine for chronic breathlessness in chronic obstructive pulmonary disease: a randomized controlled trial with blinded up-titration over 3 weeks. European clinical respiratory journal, 2022. 9, 5 DOI: 10.1080/20018525.2022.2058255.	Abstract
Ekstrom, M., et al. Extended-release morphine for chronic breathlessness in COPD: a randomized controlled trial with blinded uptitration over three weeks. European respiratory journal, 2022. 60, DOI: 10.1183/13993003.congress-2022.1047.	Abstract
Ekstrom, M., et al. The effect of endogenous opioids on the peripheral modulation of breathlessness in people with moderate to severe copd. American journal of respiratory and critical care medicine, 2019. 199.	Abstract
Ekstrom, M., et al., Effects of opioids on breathlessness and exercise capacity in chronic obstructive pulmonary disease. A systematic review. Annals of the American Thoracic Society, 2015. 12(7): p. 1079-92.	Geen enkele studie vanaf 2015
Ekstrom, M., et al., Harms of Morphine for Chronic Breathlessness in Relation to Dose, Duration and Titration Phase. Journal of Pain & Symptom Management, 2025. 69(6): p. 581-588.e2.	Secundaire analyse van RCT
Ekstrom, M., et al., Oxygen for breathlessness in patients with chronic obstructive pulmonary disease who do not qualify for home oxygen therapy. Cochrane Database of Systematic Reviews, 2016. 11: p. CD006429.	Geen enkele studie vanaf 2015
Ertan, O., et al., Effect of Ground-Based Walk Training in Pulmonary Hypertension. American Journal of Cardiology, 2022. 174: p. 172-178.	Geen interventie benoemd in PICO
Ferguson, K., et al. Effect of high-flow oxygen therapy on exercise tolerance in idiopathic pulmonary fibrosis: a randomized crossover trial. European respiratory journal, 2021. 58, DOI: 10.1183/13993003.congress-2021.OA167.	Abstract
Ferreira, D., et al. Exploring secondary breathlessness outcomes: the Morphine vs Placebo trial. European respiratory journal, 2023. 62, Pa4386 DOI: 10.1183/13993003.cccongress-2023.PA4386.	Abstract
Ferreira, D., et al. Sustained-release morphine for breathlessness in interstitial lung disease - a crossover study. European respiratory journal, 2023. 62, Pa403 DOI: 10.1183/13993003.congress-2023.PA403.	Abstract
Ferreira, D.H., et al., Current pharmacological strategies for symptomatic reduction of persistent breathlessness - a literature review. Expert Opinion on Pharmacotherapy, 2023. 24(2): p. 233-244.	Geen full-text
Figueiredo, R.I.N., et al., Inspiratory Muscle Training in COPD. Respiratory Care, 2020. 65(8): p. 1189-1201.	Geen full-text
Finney, L. Is it safe to prescribe benzodiazepines or opioids for dyspnoea in interstitial lung disease? Breathe, 2019. 15, 137-139 DOI: 10.1183/20734735.0015-2019.	Bespreking van cohort studie
Fouladbakhsh, J., H. Yarandi, and J. Davis A randomized controlled trial examining the effect of a standardized yoga intervention on breathing, mood, sleep and quality of life of no-small cell lung cancer patients. Journal of alternative and complementary medicine (New York, N.Y.), 2016. 22, A75-a76 DOI: 10.1089/acm.2016.29003.abstracts.	Abstract
Frei, A., et al. Effectiveness of a long-term home-based exercise training in COPD patients: the HOMEX-2 RCT. European respiratory journal, 2022. 60, DOI: 10.1183/13993003.congress-2022.3257.	Abstract
Frei, A., et al. Effectiveness of a long-term home-based maintenance exercise training program using minimal equipment vs. usual care in COPD Patients: HOMEX-1 randomized controlled trial. American journal of respiratory and critical care medicine, 2021. 203, DOI: 10.1164/ajrccm-conference.2021.203.1_MeetingAbstracts.A1154.	Abstract
Gao, M., et al., Effects of High-Intensity Interval Training on Pulmonary Function and Exercise Capacity in Individuals with Chronic Obstructive Pulmonary Disease: A Meta-Analysis and Systematic Review. Advances in Therapy, 2022. 39(1): p. 94-116.	Geen interventie benoemd in PICO

Gao, Y., et al., Efficacy of exercise in patients with pulmonary fibrosis: A systematic review and meta-analysis. Medicine, 2022. 101(48): p. e31789.	Geen interventie benoemd in PICO
Gass, R., et al., Effects of Expiratory Positive Airway Pressure on Exercise Tolerance, Dynamic Hyperinflation, and Dyspnea in COPD. Respiratory Care, 2017. 62(10): p. 1298-1306.	Geen interventie benoemd in PICO
Gendron, L.M., et al., Active mind-body movement therapies as an adjunct to or in comparison to pulmonary rehabilitation for people with chronic obstructive pulmonary disease. Cochrane Database of Systematic Reviews, 2016. 2016(7).	Updated
Gloeckl, R., et al. Acute effects of non-invasive ventilation during exercise in hypercapnic COPD patients-preliminary results of a randomized cross-over trial. European respiratory journal, 2017. 50, DOI: 10.1183/1393003.congress-2017.PA3450.	Abstract
Gloeckl, R., et al. Comparison of two demand oxygen delivery systems (liquid oxygen versus concentrator) during walking in hypoxemic COPD patients-preliminary results of a randomized, single-blinded cross-over trial. American journal of respiratory and critical care medicine, 2017. 195, DOI: 10.1164/ajrccm-conference.2017.A109.	Abstract
Gloeckl, R., et al., Comparison of supplemental oxygen delivery by continuous versus demand based flow systems in hypoxemic COPD patients – A randomized, single-blinded cross-over study. Respiratory Medicine, 2019. 156: p. 26-32.	Foute vergelijking
Glynn, L., et al., A Smartphone App Self-Management Program for Chronic Obstructive Pulmonary Disease: Randomized Controlled Trial of Clinical Outcomes. JMIR MHealth and UHealth, 2025. 13: p. e56318.	26% met ernstig tot zeer ernstig COPD
Greer, J. Effect of a Brief Behavioral Intervention for Dyspnea in Patients with Advanced Lung Cancer: the Breeze Trial. Psycho-oncology, 2023. 32, 40 DOI: 10.1002/pon.6089.	Abstract
Guber, E., et al., The Short- and Long-Term Impact of Pulmonary Rehabilitation in Subjects with Sarcoidosis: A Prospective Study and Review of the Literature. Respiration, 2021. 100(5): p. 423-431.	Geen RCT
Guleria, R., et al. Comparison of yoga with pulmonary rehabilitation on body composition, inflammatory biomarkers and dyspnoea in patients with COPD. European respiratory journal, 2018. 52, DOI: 10.1183/13993003.congress-2018.PA835.	Abstract
Gurbuz, A.K. and A. Demirel, The effect of single-limb exercises on functional exercise capacity, pulmonary function and dyspnea in patients with COPD. Heart & Lung, 2024. 68: p. 98-106.	Geen interventie benoemd in PICO
Gurgun, A., et al. The effect of adding noninvasive ventilation to supplemental oxygen during exercise training in severe COPD: a randomized controlled study. Chest, 2015. 148, DOI: 10.1378/chest.2255570.	Abstract
Gutierrez-Arias, R., et al., Effectiveness of Respiratory Muscle Training in Adults With Pulmonary Hypertension. A Systematic Review and Meta-Analysis. Heart, Lung & Circulation, 2023. 32(3): p. 315-329.	Pulmonale hypertensie
Habib, H.M., et al., Impact of combined Russian current and threshold PEP on dyspnoea and functional capacity in patients with COPD: a randomised controlled trial. Physiotherapy Quarterly, 2024. 32(1): p. 50-56.	GOLD II COPD
Hammer, M.J., et al., Self-management for adult patients with cancer an integrative review: An integrative review. Cancer Nursing, 2015. 38(2): p. E10-E26.	Slechts 1 studie uit 2005 met vermelding van dyspneu
Han, B. Noninvasive positive pressure ventilation to relieve dyspnea of COPD patients during exercise training: a prospective study. Chest, 2016. 149, A492 DOI: 10.1016/j.chest.2016.02.513.	Abstract
Hardy, J., et al., Phase IIb Randomized, Placebo-Controlled, Dose-Escalating, Double-Blind Study of Cannabidiol Oil for the Relief of Symptoms in Advanced Cancer (MedCan1-CBD). Journal of Clinical Oncology, 2023. 41(7): p. 1444-1452.	Geen interventie benoemd in PICO

Hardy, W., et al. Portable positive pressure device to relieve dyspnea after exercise in COPD patients: a pilot study. American journal of respiratory and critical care medicine, 2017. 195, DOI: 10.1164/ajrccm-conference.2017.B73.	Abstract
Hasanpour Dehkordi, A., et al., The effect of teach-back training intervention of breathing exercise on the level of dyspnea, six-minutes walking test and FEV1/FVC ratio in patients with chronic obstructive pulmonary disease; a randomized controlled trial. Expert Review of Respiratory Medicine, 2021. 15(1): p. 161-169.	Geen full-text
Hasler, E.D., et al., Effect of Breathing Oxygen-Enriched Air on Exercise Performance in Patients with Chronic Obstructive Pulmonary Disease: Randomized, Placebo-Controlled, Cross-Over Trial. Respiration, 2020. 99(3): p. 213-224.	Geen full-text
Haywood, A., et al., Systemic corticosteroids for the management of cancer-related breathlessness (dyspnoea) in adults. Cochrane Database of Systematic Reviews, 2017. 2017(6).	Updated
He, W., et al., Effects of exercise-based pulmonary rehabilitation on severe/very severe COPD: a systematic review and meta-analysis. Therapeutic Advances in Respiratory Disease, 2023. 17: p. 17534666231162250.	Geen interventie benoemd in PICO
Heinzelmann, I., et al. Benefits of a reservoir nasal cannula (Oxymizer®) vs. a conventional nasal cannula during exercise in hypoxemic patients with pulmonary fibrosis. European respiratory journal, 2015. 46, DOI: 10.1183/13993003.congress2015.PA3698.	Abstract
Heinzelmann, I., et al. Effects of supplemental oxygen vs. room air in COPD patients: a randomized placebo-controlled trial. European respiratory journal, 2015. 46, DOI: 10.1183/13993003.congress2015.OA4970.	Abstract
Higginson, I., et al. RCT Abstract - Mirtazapine to alleviate severe breathlessness in patients with COPD or ILD: an international, multicentre, double-blind, randomised, placebo-controlled, phase 3 mixed-method trial (BETTER-B). European respiratory journal, 2024. 64, Rct3721 DOI: 10.1183/13993003.congress-2024.RCT3721.	Abstract
Hoffman, M., et al. Portable oxygen concentrator for delivery of ambulatory oxygen in interstitial lung disease: a crossover trial. Respirology (Carlton, Vic.), 2019. 24, 168 DOI: 10.1111/resp.13492.	Abstract
Holland, A.E., et al., Ambulatory oxygen for treatment of exertional hypoxaemia in pulmonary fibrosis (PFOX trial): a randomised controlled trial. BMJ Open, 2020. 10(12): p. e040798.	Protocol
Hornikx, M., et al. Effectiveness of high intensity interval training supplemented with peripheral and inspiratory resistance training in chronic heart failure: a pilot study. Acta cardiologica, 2020. 75, 339-347 DOI: 10.1080/00015385.2019.1591676.	Geen interventie benoemd in PICO
Hsiung, P., et al., Effectiveness of Exercise on Fatigue for Patients With Heart Failure: A Systematic Review and Meta-Analysis. Journal of Applied Gerontology, 2025. 44(2): p. 312-326.	Geen interventie benoemd in PICO
Hu, Y., et al., Effect of exercise for patients with advanced lung cancer and cancer-related fatigue: A systematic review and meta-analysis. Journal of Sport & Health Science, 2024. 14: p. 101017.	Dubbel
Hu, Y., et al., Effect of exercise for patients with advanced lung cancer and cancer-related fatigue: A systematic review and meta-analysis. Journal of Sport and Health Science, 2025. 14.	Geen interventie benoemd in PICO
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Search strings

Ovid MEDLINE(R) <1946 to May 15, 2025>

1 Lung Diseases, Obstructive/ (18316)
2 exp Pulmonary Disease, Chronic Obstructive/ (72557)
3 emphysema$.mp. (37568)
4 (chronic$ adj3 bronchiti$).mp. (11710)
5 (obstruct$ adj3 (pulmonary or lung$ or airway$ or airflow$ or bronch$ or respirat$)).mp. (134360)
6 COPD.mp. (56209)
7 COAD.mp. (943)
8 COBD.mp. (22)
9 AECB.mp. (219)
10 or/1-9 (175570)
11 exp Heart Failure/ (160134)
12 ((heart or cardiac or myocardial) adj2 (failure* or decompensat*)).tw. (213922)
13 "NYHA 3".tw. (42)
14 "NYHA 4".tw. (8)
15 "NYHA III".tw. (842)
16 "NYHA IV".tw. (294)
17 or/11-16 (254739)
18 exp Neoplasms/ (4116745)
19 Neoplasm Staging/ (201573)
20 cancer$.ti,ab. (2086551)
21 tumor$.ti,ab. (1628793)
22 tumour$.ti,ab. (290571)

23 carcinoma$.ti,ab. (706045)
24 neoplasm$.ti,ab. (144839)
25 lymphoma.ti,ab. (172595)
26 melanoma.ti,ab. (124912)
27 staging.ti,ab. (87930)
28 metastas$.ti,ab. (401090)
29 metastatic.ti,ab. (254085)
30 exp Neoplasm Metastasis/ (230711)
31 exp neoplastic processes/ (541801)
32 neoplastic process$.ti,ab. (3021)
33 non small cell.ti,ab. (74805)
34 adenocarcinoma$.ti,ab. (163265)
35 squamous cell.ti,ab. (120129)
36 nsclc.ti,ab. (52988)
37 osteosarcoma$.ti,ab. (26076)
38 phyllodes.ti,ab. (2086)
39 cystosarcoma$.ti,ab. (569)
40 fibroadenoma$.ti,ab. (3749)
41 (non adj small adj cell).ti,ab. (74805)
42 (non adj2 small adj2 cell).ti,ab. (75058)
43 (nonsmall adj2 cell).ti,ab. (3431)
44 plasmacytoma$.ti,ab. (6455)
45 myeloma.ti,ab. (57350)
46 multiple myeloma.ti,ab. (42433)
47 lymphoblastoma$.ti,ab. (347)
48 lymphocytoma$.ti,ab. (344)
49 lymphosarcoma$.ti,ab. (4088)
50 immunocytoma.ti,ab. (404)
51 sarcoma$.ti,ab. (100255)
52 hodgkin$.ti,ab. (66863)
53 (nonhodgkin$ or non hodgkin$).ti,ab. (38753)
54 malignan$.ti,ab. (630597)
55 or/18-54 (4909710)
56 exp Amyotrophic Lateral Sclerosis/ (25652)
57 ALS.ti,ab. (43763)
58 Motor Neuron Disease/ (4997)
59 "Charcot disease".ti,ab. (24)
60 "Lou Gehrig".ti,ab. (25)
61 or/56-60 (54775)
62 exp Lung Diseases, Interstitial/ (90472)
63 (interstitial$ adj3 lung$ adj3 disease$).tw. (15021)
64 (interstitial$ adj3 (fibros$ or pneumonitis or pneumonia or pneumopathy)).tw. (23583)
65 alveolitis.tw. (4155)
66 exp Bronchiolitis Obliterans/ or (bronchiolitis adj3 obliterans).tw. (5699)
67 (goodpasture$ adj3 syndrome$).tw. (1113)
68 granulomatosis.tw. (11210)
69 exp Histiocytosis/ or histiocytosis$.tw. (25980)
70 exp Pneumoconiosis/ or pneumoconiosis.mp. or pneumokoniosis.mp. or pneumonoconiosis.mp. (22195)
71 bagassosis.tw. (63)
72 (pulmonar$ adj3 sarcoid$).tw. (3334)
73 (pulmonar$ adj3 fibros$).tw. (25373)
74 (wegener$ adj3 granuloma$).tw. (5820)
75 (lung$ adj3 purpura).tw. (26)
76 ((bird$ or farmer$ or pigeon$ or avian$ or budgerigar$) adj3 (lung$ or disease$)).tw. (4187)
77 (asbestosis or byssinosis or siderosis or silicosis or berylliosis or anthracosilicosis or silicotuberculosis).mp. (17953)
78 or/62-77 (146753)
79 exp Hypertension, Pulmonary/ (44907)

80 Pulmonary Heart Disease/ (6287)
81 (pulmonary adj3 hypertens$).ti,ab. (51726)
82 pulmonary vascular disease.ti,ab. (1656)
83 or/79-82 (65386)
84 exp DYSPNEA/ (26565)
85 (dyspnoe$ or dyspne$).mp. (65201)
86 breathless$.mp. (5875)
87 (breathing adj3 labored).mp. (268)
88 (breathing adj3 laboured).mp. (55)
89 (breathing adj3 difficult$).mp. (2823)
90 or/84-89 (71267)
91 exp Analgesics, Opioid/ (144501)
92 exp Morphine/ or exp Morphine Derivatives/ (56137)
93 morphin*.mp. (66732)
94 morfin*.mp. (1032)
95 exp Fentanyl/ (18791)
96 fentanyl.mp. (24381)
97 exp Oxycodone/ (3071)
98 oxycodon*.mp. (4990)
99 hydromorphin*.mp. (10)
100 hydromorfin*.mp. (0)
101 exp Benzodiazepines/ (71811)
102 benzodiazepin*.mp. (51438)
103 (adinazolam or alprazolam or bentazepam or bromazepam or brotizolam or chlordiazepoxide or cinolazepam or clobazam or clonazepam or clorazepate or clotiazepam or cloxazolam or delorazepam or demoxepam or desmethyldiazepam or diazepam or estazolam or etizolam or etozolam or fludiazepam or flunitrazepam or flurazepam or flutoprazepam or halazepam or haloxazolam or ketazolam or loprazolam or lorazepam or lormetazepam or medazepam or metaclazepam or mexazolam or midazolam or nimetazepam or nitrazepam or nordazepam or oxazepam or oxazolam or pinazepam or prazepam or quazepam or temazepam or tetrazepam or tofisopam or triazolam).mp. (61552)
104 exp Sertraline/ (3633)
105 sertralin*.mp. (5714)
106 exp Mirtazapine/ (1575)
107 mirtazapin*.mp. (2552)
108 or/91-107 (261642)
109 exp Patient Education as Topic/ (91062)
110 exp Health Education/ (273347)
111 exp Patient Participation/ (31111)
112 exp Decision Making/ (248564)
113 exp Communication/ (390281)
114 exp counseling/ (50987)
115 exp Health Communication/ (3663)
116 exp Consumer Health Information/ (16052)
117 exp Information Dissemination/ (20515)
118 exp Information Systems/ (284161)
119 exp Information Services/ (1018545)
120 exp Computer-Assisted Instruction/ (12902)
121 exp Computer Systems/ (217787)
122 exp Telephone/ (39679)
123 exp Telecommunications/ (138832)
124 exp teaching materials/ (126345)
125 exp internet/ (106650)
126 ((patient or client or providing or provision of or supplying or supplied) adj (education or information)).mp. (126803)
127 (audio* or video* or cassette* or tape* or dvd* or compact dis* or cd or cds or multimedia or multi media).mp. (633367)
128 (internet or web or website* or online or blog* or weblog* or podcast* or computer program* or computer mediated or computer based or computer assisted or electronic mail* or email* or mail*).mp. (882149)

129 (telephon* or phone or phones or text messag* or sms).mp. (117915)
130 (pamphlet* or booklet* or leaflet* or flyer* or brochure* or print* material* or written material*).mp. (38249)
131 ((education* or teaching or instruction* or counsel?ing or advisory or information*) adj (material* or program* or session*)).mp. (75931)
132 or/109-131 (3740689)
133 Breathing Exercises/ (4261)
134 (breath$ adj3 (exercis$ or retrain$)).ti,ab. (3234)
135 buteyko.ti,ab. (42)
136 (diaphragm$ adj3 breath$).ti,ab. (667)
137 (breath$ adj3 control$).ti,ab. (3945)
138 (relax$ adj3 breath$).ti,ab. (518)
139 tidal breath$.ti,ab. (1588)
140 Respiratory therapy/ (7154)
141 physiotherap$.ti,ab. (30705)
142 physical therapy.ti,ab. (20325)
143 yawn.ti,ab. (185)
144 sigh.ti,ab. (678)
145 yoga.mp. or exp Yoga/ (6025)
146 meditation.mp. or exp Meditation/ (7201)
147 imagery.mp. or exp "Imagery (Psychotherapy)"/ (18667)
148 visualisation.mp. (7924)
149 exp Relaxation/ or relaxation.mp. (132830)
150 exp Music/ or music.mp. (27516)
151 oxygen*.mp. (798212)
152 ventilat*.mp. (214041)
153 respiratory care service*.mp. (63)
154 (breathlessness adj3 service*).mp. (43)
155 walking/ (45199)
156 Dependent Ambulation/ (207)
157 Physical Therapy Modalities/is [Instrumentation] (1680)
158 Exercise Therapy/is [Instrumentation] (1461)
159 mobility limitation/ (5596)
160 Ventilators, Mechanical/ (10113)
161 Noninvasive Ventilation/ (4226)
162 NIV.mp. (4246)
163 fan.mp. (4967)
164 Oxygen Inhalation Therapy/ (16710)
165 high-flow nasal oxygen.mp. (540)
166 optiflow.mp. (76)
167 exp Mindfulness/ (8339)
168 mindful*.mp. (15556)
169 mind-body.mp. (6062)
170 exp Psychotherapy/ (231959)
171 psychotherap$.tw. (46002)
172 exp Cognitive Therapy/ (41238)
173 cbt.tw. (13376)
174 (behav$ adj2 therap$).tw. (29376)
175 (cognitive adj2 therap$).tw. (25401)
176 exp Counseling/ (50987)
177 counsel$.tw. (126783)
178 Directive Counseling/ (2429)
179 (supportive adj2 (therap* or psychotherap*)).tw. (7307)
180 moist*.mp. (41224)
181 or/132-180 (5166176)
182 exp Adrenal Cortex Hormones/ (437057)
183 (17-ketosteroid$ or androstenedione or androsterone or "estrone sulfate" or etiocholanolone or prasterone or dehydroepiandrosterone or hydroxycorticosteroid$ or "11 hydroxycorticosteroid$" or 17-hydrocorticosteroid$ or deoxycorticosterone or deoxycorticosterone or pregnenolone or corticosteroid$ or

hydrocortisone or budesonide or prednisolone or methylprednisolone or efcortesol or hydrocortone or "solu cortef" or budesonide or entocort$ or budenofalk or equilein or 18-hydroxycorticosterone or aldosterone or corticosterone or hydrocortisone or hydrocortisone or tetrahydrocortisol or tetrahydrocortisol or cortison or cortodoxone).mp. (366850)
184 182 or 183 (537917)
185 10 or 17 or 55 or 61 or 78 or 83 (5495725)
186 108 or 181 (5386587)
187 90 and 185 and 186 (9962)
188 17 or 55 or 61 or 78 or 83 (5358984)
189 90 and 184 and 55 (951)
190 187 or 189 (10682)
191 limit 190 to yr="2015 -Current" (4400)
192 randomized controlled trial.pt. (638878)
193 controlled clinical trial.pt. (95666)
194 randomized.ab. (592927)
195 placebo.ab. (233616)
196 clinical trials as topic.sh. (205102)
197 randomly.ab. (382276)
198 trial.ti. (288357)
199 192 or 193 or 194 or 195 or 196 or 197 or 198 (1489028)
200 exp animals/ not humans.sh. (5344615)
201 199 not 200 (1357578)
202 meta-analysis.mp,pt. or review.pt. or search:.tw. (3533175)
203 201 or 202 (4649663)
204 191 and 203 (1526)
205 exp Antidepressive Agents/ (166736)
206 exp Heterocyclic Compounds/ (3499940)
207 exp Serotonin Uptake Inhibitors/ (47918)
208 exp Adrenergic Uptake Inhibitors/ (74897)
209 exp Monoamine Oxidase Inhibitors/ (23184)
210 (antidepress* or drug therap* or pharmacotherap* or trycyclic* or TCA* or heterocyclic* or serotonin uptake or SSRI* or SNRI* or monoamine oxidase inhibitor* or MAOI*).ti,ab. (192573)
211 (desipramine or imipramine or clomipramine or opipramol or trimipramine or lofepramine or dibenzepin or amitriptyline or nortriptyline or protriptyline or doxepin or iprindole or melitracen or butriptyline or dosulepin or amoxapine or dimetacrine or amineptine or maprotiline or quinupramine or zimeldine or fluoxetine or citalopram or paroxetine or sertraline or alaproclate or fluvoxamine or etoperidone or escitalopram or isocarboxazid or nialamide or phenelzine or tranylcypromine or iproniazide or iproclozide or moclobemide or toloxatone or oxitriptan or tryptophan or mianserin or nomifensine or trazodone or nefazodone or minaprine or bifemelane or viloxazine or oxaflozane or mirtazapine or bupropion or medifoxamine or tianeptine or pivagabine or venlafaxine or milnacipran or reboxetine or gepirone or duloxetine or agomelatine or desvenlafaxine or vilazodone or hyperici herba or hypericum perforatum or st john* wort* or saint john* wort*).ti,ab. (121750)
212 205 or 206 or 207 or 208 or 209 or 210 or 211 (3733505)
213 90 and 185 and 203 and 212 (1778)
214 limit 213 to yr="2015 -Current" (638)
215 204 or 214 (1958)
○

Ovid MEDLINE(R) Epub Ahead of Print <May 15, 2025>
Ovid MEDLINE(R) Daily Update <May 15, 2025>
1 Lung Diseases, Obstructive/ (0)
2 exp Pulmonary Disease, Chronic Obstructive/ (328)
3 emphysema$.mp. (306)
4 (chronic$ adj3 bronchiti$).mp. (72)
5 (obstruct$ adj3 (pulmonary or lung$ or airway$ or airflow$ or bronch$ or respirat$)).mp. (1709)
6 COPD.mp. (1165)
7 COAD.mp. (45)
8 COBD.mp. (0)

9 AECB.mp. (1)
10 or/1-9 (2222)
11 exp Heart Failure/ (474)
12 ((heart or cardiac or myocardial) adj2 (failure* or decompensat*)).tw. (4314)
13 "NYHA 3".tw. (0)
14 "NYHA 4".tw. (1)
15 "NYHA III".tw. (8)
16 "NYHA IV".tw. (2)
17 or/11-16 (4347)
18 exp Neoplasms/ (11829)
19 Neoplasm Staging/ (436)
20 cancer$.ti,ab. (38381)
21 tumor$.ti,ab. (23416)
22 tumour$.ti,ab. (2828)
23 carcinoma$.ti,ab. (8652)
24 neoplasm$.ti,ab. (2150)
25 lymphoma.ti,ab. (2263)
26 melanoma.ti,ab. (1705)
27 staging.ti,ab. (1526)
28 metastas$.ti,ab. (6152)
29 metastatic.ti,ab. (4082)
30 exp Neoplasm Metastasis/ (552)
31 exp neoplastic processes/ (1255)
32 neoplastic process$.ti,ab. (28)
33 non small cell.ti,ab. (1521)
34 adenocarcinoma$.ti,ab. (2330)
35 squamous cell.ti,ab. (1997)
36 nsclc.ti,ab. (1147)
37 osteosarcoma$.ti,ab. (323)
38 phyllodes.ti,ab. (25)
39 cystosarcoma$.ti,ab. (2)
40 fibroadenoma$.ti,ab. (78)
41 (non adj small adj cell).ti,ab. (1521)
42 (non adj2 small adj2 cell).ti,ab. (1522)
43 (nonsmall adj2 cell).ti,ab. (49)
44 plasmacytoma$.ti,ab. (47)
45 myeloma.ti,ab. (712)
46 multiple myeloma.ti,ab. (648)
47 lymphoblastoma$.ti,ab. (0)
48 lymphocytoma$.ti,ab. (5)
49 lymphosarcoma$.ti,ab. (3)
50 immunocytoma.ti,ab. (1)
51 sarcoma$.ti,ab. (1102)
52 hodgkin$.ti,ab. (568)
53 (nonhodgkin$ or non hodgkin$).ti,ab. (365)
54 malignan$.ti,ab. (9428)
55 or/18-54 (59987)
56 exp Amyotrophic Lateral Sclerosis/ (98)
57 ALS.ti,ab. (1389)
58 Motor Neuron Disease/ (11)
59 "Charcot disease".ti,ab. (0)
60 "Lou Gehrig".ti,ab. (0)
61 or/56-60 (1401)
62 exp Lung Diseases, Interstitial/ (261)
63 (interstitial$ adj3 lung$ adj3 disease$).tw. (451)
64 (interstitial$ adj3 (fibros$ or pneumonitis or pneumonia or pneumopathy)).tw. (276)
65 alveolitis.tw. (14)
66 exp Bronchiolitis Obliterans/ or (bronchiolitis adj3 obliterans).tw. (32)

67 (goodpasture$ adj3 syndrome$).tw. (5)
68 granulomatosis.tw. (115)
69 exp Histiocytosis/ or histiocytosis$.tw. (129)
70 exp Pneumoconiosis/ or pneumoconiosis.mp. or pneumokoniosis.mp. or pneumonoconiosis.mp. (55)
71 bagassosis.tw. (1)
72 (pulmonar$ adj3 sarcoid$).tw. (24)
73 (pulmonar$ adj3 fibros$).tw. (492)
74 (wegener$ adj3 granuloma$).tw. (17)
75 (lung$ adj3 purpura).tw. (0)
76 ((bird$ or farmer$ or pigeon$ or avian$ or budgerigar$) adj3 (lung$ or disease$)).tw. (52)
77 (asbestosis or byssinosis or siderosis or silicosis or berylliosis or anthracosilicosis or silicotuberculosis).mp. (108)
78 or/62-77 (1497)
79 exp Hypertension, Pulmonary/ (119)
80 Pulmonary Heart Disease/ (1)
81 (pulmonary adj3 hypertens$).ti,ab. (834)
82 pulmonary vascular disease.ti,ab. (24)
83 or/79-82 (843)
84 exp DYSPNEA/ (70)
85 (dyspnoe$ or dyspne$).mp. (879)
86 breathless$.mp. (140)
87 (breathing adj3 labored).mp. (9)
88 (breathing adj3 laboured).mp. (0)
89 (breathing adj3 difficult$).mp. (119)
90 or/84-89 (1071)
91 exp Analgesics, Opioid/ (301)
92 exp Morphine/ or exp Morphine Derivatives/ (48)
93 morphin*.mp. (650)
94 morfin*.mp. (4)
95 exp Fentanyl/ (46)
96 fentanyl.mp. (335)
97 exp Oxycodone/ (6)
98 oxycodon*.mp. (103)
99 hydromorphin*.mp. (0)
100 hydromorfin*.mp. (0)
101 exp Benzodiazepines/ (103)
102 benzodiazepin*.mp. (614)
103 (adinazolam or alprazolam or bentazepam or bromazepam or brotizolam or chlordiazepoxide or cinolazepam or clobazam or clonazepam or clorazepate or clotiazepam or cloxazolam or delorazepam or demoxepam or desmethyldiazepam or diazepam or estazolam or etizolam or etozolam or fludiazepam or flunitrazepam or flurazepam or flutoprazepam or halazepam or haloxazolam or ketazolam or loprazolam or lorazepam or lormetazepam or medazepam or metaclazepam or mexazolam or midazolam or nimetazepam or nitrazepam or nordazepam or oxazepam or oxazolam or pinazepam or prazepam or quazepam or temazepam or tetrazepam or tofisopam or triazolam).mp. (548)
104 exp Sertraline/ (11)
105 sertralin*.mp. (100)
106 exp Mirtazapine/ (6)
107 mirtazapin*.mp. (61)
108 or/91-107 (2189)
109 exp Patient Education as Topic/ (182)
110 exp Health Education/ (672)
111 exp Patient Participation/ (95)
112 exp Decision Making/ (794)
113 exp Communication/ (1243)
114 exp counseling/ (105)
115 exp Health Communication/ (20)
116 exp Consumer Health Information/ (173)
117 exp Information Dissemination/ (56)

118 exp Information Systems/ (847)
119 exp Information Services/ (730)
120 exp Computer-Assisted Instruction/ (19)
121 exp Computer Systems/ (708)
122 exp Telephone/ (238)
123 exp Telecommunications/ (909)
124 exp teaching materials/ (137)
125 exp internet/ (510)
126 ((patient or client or providing or provision of or supplying or supplied) adj (education or information)).mp. (1426)
127 (audio* or video* or cassette* or tape* or dvd* or compact dis* or cd or cds or multimedia or multi media).mp. (10248)
128 (internet or web or website* or online or blog* or weblog* or podcast* or computer program* or computer mediated or computer based or computer assisted or electronic mail* or email* or mail*).mp. (21990)
129 (telephon* or phone or phones or text messag* or sms).mp. (2076)
130 (pamphlet* or booklet* or leaflet* or flyer* or brochure* or print* material* or written material*).mp. (770)
131 ((education* or teaching or instruction* or counsel?ing or advisory or information*) adj (material* or program* or session*)).mp. (1557)
132 or/109-131 (38705)
133 Breathing Exercises/ (30)
134 (breath$ adj3 (exercis$ or retrain$)).ti,ab. (85)
135 buteyko.ti,ab. (0)
136 (diaphragm$ adj3 breath$).ti,ab. (18)
137 (breath$ adj3 control$).ti,ab. (52)
138 (relax$ adj3 breath$).ti,ab. (21)
139 tidal breath$.ti,ab. (14)
140 Respiratory therapy/ (3)
141 physiotherap$.ti,ab. (858)
142 physical therapy.ti,ab. (776)
143 yawn.ti,ab. (3)
144 sigh.ti,ab. (6)
145 yoga.mp. or exp Yoga/ (199)
146 meditation.mp. or exp Meditation/ (193)
147 imagery.mp. or exp "Imagery (Psychotherapy)"/ (448)
148 visualisation.mp. (165)
149 exp Relaxation/ or relaxation.mp. (1807)
150 exp Music/ or music.mp. (612)
151 oxygen*.mp. (10552)
152 ventilat*.mp. (2776)
153 respiratory care service*.mp. (0)
154 (breathlessness adj3 service*).mp. (1)
155 walking/ (205)
156 Dependent Ambulation/ (0)
157 Physical Therapy Modalities/is [Instrumentation] (2)
158 Exercise Therapy/is [Instrumentation] (10)
159 mobility limitation/ (20)
160 Ventilators, Mechanical/ (7)
161 Noninvasive Ventilation/ (33)
162 NIV.mp. (128)
163 fan.mp. (150)
164 Oxygen Inhalation Therapy/ (45)
165 high-flow nasal oxygen.mp. (21)
166 optiflow.mp. (0)
167 exp Mindfulness/ (100)
168 mindful*.mp. (781)
169 mind-body.mp. (133)
170 exp Psychotherapy/ (775)
171 psychotherap$.tw. (884)

172 exp Cognitive Therapy/ (284)
173 cbt.tw. (482)
174 (behav$ adj2 therap$).tw. (943)
175 (cognitive adj2 therap$).tw. (909)
176 exp Counseling/ (105)
177 counsel$.tw. (3593)
178 Directive Counseling/ (0)
179 (supportive adj2 (therap* or psychotherap*)).tw. (138)
180 moist*.mp. (1232)
181 or/132-180 (60698)
182 exp Adrenal Cortex Hormones/ (544)
183 (17-ketosteroid$ or androstenedione or androsterone or "estrone sulfate" or etiocholanolone or prasterone or dehydroepiandrosterone or hydroxycorticosteroid$ or "11 hydroxycorticosteroid$" or 17-hydrocorticosteroid$ or deoxycorticosterone or deoxycorticosterone or pregnenolone or corticosteroid$ or hydrocortisone or budesonide or prednisolone or methylprednisolone or efcortesol or hydrocortone or "solu cortef" or budesonide or entocort$ or budenofalk or equilein or 18-hydroxycorticosterone or aldosterone or corticosterone or hydrocortisone or hydrocortisone or tetrahydrocortisol or tetrahydrocortisol or cortison or cortodoxone).mp. (3189)
184 182 or 183 (3392)
185 10 or 17 or 55 or 61 or 78 or 83 (68665)
186 108 or 181 (62487)
187 90 and 185 and 186 (148)
188 17 or 55 or 61 or 78 or 83 (66989)
189 90 and 184 and 55 (11)
190 187 or 189 (154)
191 limit 190 to yr="2015 -Current" (143)
192 randomized controlled trial.pt. (2588)
193 controlled clinical trial.pt. (6)
194 randomized.ab. (12735)
195 placebo.ab. (3056)
196 clinical trials as topic.sh. (187)
197 randomly.ab. (6310)
198 trial.ti. (6560)
199 192 or 193 or 194 or 195 or 196 or 197 or 198 (21505)
200 exp animals/ not humans.sh. (10083)
201 199 not 200 (21068)
202 meta-analysis.mp,pt. or review.pt. or search:.tw. (71248)
203 201 or 202 (87009)
204 191 and 203 (69)
205 exp Antidepressive Agents/ (277)
206 exp Heterocyclic Compounds/ (6568)
207 exp Serotonin Uptake Inhibitors/ (77)
208 exp Adrenergic Uptake Inhibitors/ (62)
209 exp Monoamine Oxidase Inhibitors/ (20)
210 (antidepress* or drug therap* or pharmacotherap* or trycyclic* or TCA* or heterocyclic* or serotonin uptake or SSRI* or SNRI* or monoamine oxidase inhibitor* or MAOI*).ti,ab. (3473)
211 (desipramine or imipramine or clomipramine or opipramol or trimipramine or lofepramine or dibenzepin or amitriptyline or nortriptyline or protriptyline or doxepin or iprindole or melitracen or butriptyline or dosulepin or amoxapine or dimetacrine or amineptine or maprotiline or quinupramine or zimeldine or fluoxetine or citalopram or paroxetine or sertraline or alaproclate or fluvoxamine or etoperidone or escitalopram or isocarboxazid or nialamide or phenelzine or tranylcypromine or iproniazide or iproclozide or moclobemide or toloxatone or oxitriptan or tryptophan or mianserin or nomifensine or trazodone or nefazodone or minaprine or bifemelane or viloxazine or oxaflozane or mirtazapine or bupropion or medifoxamine or tianeptine or pivagabine or venlafaxine or milnacipran or reboxetine or gepirone or duloxetine or agomelatine or desvenlafaxine or vilazodone or hyperici herba or hypericum perforatum or st john* wort* or saint john* wort*).ti,ab. (1475)
212 205 or 206 or 207 or 208 or 209 or 210 or 211 (10893)
213 90 and 185 and 203 and 212 (5)

214 limit 213 to yr="2015 -Current" (5)
215 204 or 214 (69)

Cochrane Library: 16/05/2025
#1 MeSH descriptor: [Neoplasms] explode all trees 127284
#2 MeSH descriptor: [Neoplasm Staging] explode all trees 9921
#3 cancer*:ti,ab 193758
#4 tumor*:ti,ab 72505
#5 tumour*:ti,ab 15663
#6 carcinoma*:ti,ab 37915
#7 neoplasm*:ti,ab 10155
#8 lymphoma:ti,ab 11418
#9 melanoma:ti,ab 6394
#10 staging:ti,ab 6961
#11 metastas*:ti,ab 23440
#12 metastatic:ti,ab 36934
#13 MeSH descriptor: [Neoplasm Metastasis] explode all trees 7648
#14 MeSH descriptor: [Neoplastic Processes] explode all trees 15532
#15 neoplastic process*:ti,ab 222
#16 (non NEAR small NEAR cell):ti,ab 14814
#17 adenocarcinoma*:ti,ab 10778
#18 (squamous NEAR cell):ti,ab 9473
#19 nsclc:ti,ab 12899
#20 osteosarcoma*:ti,ab 510
#21 phyllodes:ti,ab 6
#22 cystosarcoma*:ti,ab 0
#23 fibroadenoma*:ti,ab 118
#24 (non NEAR/2 small NEAR/2 cell):ti,ab 14788
#25 (nonsmall NEAR/2 cell):ti,ab 11792
#26 plasmacytoma*:ti,ab 145
#27 myeloma:ti,ab 6815
#28 (multiple NEAR myeloma):ti,ab 6202
#29 lymphoblastoma*:ti,ab 0
#30 lymphocytoma*:ti,ab 1
#31 lymphosarcoma*:ti,ab 22
#32 immunocytoma:ti,ab 17
#33 sarcoma*:ti,ab 2987
#34 hodgkin*:ti,ab 5848
#35 (nonhodgkin* or (non NEAR hodgkin*)):ti,ab 3535
#36 malignan*:ti,ab 32665
#37 {or #1-#36} 300154
#38 MeSH descriptor: [Heart Failure] explode all trees 14786
#39 ((heart or cardiac or myocardial) NEAR/2 (failure* or decompensat*)):ti,ab 35910
#40 ("NYHA 3" or "NYHA 4" or "NYHA III" or "NYHA IV"):ti,ab 433
#41 #38 or #39 or #40 37451
#42 MeSH descriptor: [Lung Diseases, Obstructive] explode all trees 25281
#43 MeSH descriptor: [Pulmonary Disease, Chronic Obstructive] 1 tree(s) exploded 8032
#44 emphysema*:ti,ab 1566
#45 (chronic* NEAR/3 bronchiti*):ti,ab 2018
#46 (obstruct* NEAR/3 (pulmonary or lung* or airway* or airflow* or bronch* or respirat*)):ti,ab 19316
#47 COPD:ti,ab 19981
#48 COAD:ti,ab 101
#49 COBD:ti,ab 2
#50 AECB:ti,ab 139
#51 #42 OR #43 OR #44 OR #45 OR #46 OR #47 OR #48 OR #49 OR #50 44914
#52 MeSH descriptor: [Amyotrophic Lateral Sclerosis] explode all trees 899
#53 ALS:ti,ab 2499
#54 MeSH descriptor: [Motor Neuron Disease] this term only 385

#55 "Charcot disease":ti,ab 2
#56 "Lou Gehrig":ti,ab 10
#57 {or #52-#56} 2683
#58 MeSH descriptor: [Lung Diseases, Interstitial] explode all trees 1854
#59 (interstitial* NEAR/3 lung* NEAR/3 disease*):ti,ab 1680
#60 (interstitial* NEAR/3 (fibros* or pneumonitis or pneumonia or pneumopathy)):ti,ab 1034
#61 alveolitis:ti,ab 170
#62 MeSH descriptor: [Bronchiolitis Obliterans] explode all trees 129
#63 (bronchiolitis NEAR/3 obliterans):ti,ab 188
#64 (goodpasture* NEAR/3 syndrome*):ti,ab 7
#65 granulomatosis:ti,ab 411
#66 MeSH descriptor: [Histiocytosis] explode all trees 73
#67 Histiocytosis*:ti,ab 68
#68 MeSH descriptor: [Pneumoconiosis] explode all trees 122
#69 (pneumoconiosis or pneumokoniosis or pneumonoconiosis):ti,ab 101
#70 bagassosis:ti,ab 0
#71 (pulmonar* NEAR/3 sarcoid*):ti,ab 235
#72 (pulmonar* NEAR/3 fibros*):ti,ab 2227
#73 (wegener* NEAR/3 granuloma*):ti,ab 154
#74 (lung* NEAR/3 purpura):ti,ab 0
#75 ((bird* or farmer* or pigeon* or avian* or budgerigar*) NEAR/3 (lung* or disease*)):ti,ab 33
#76 (asbestosis or byssinosis or siderosis or silicosis or berylliosis or anthracosilicosis or silicotuberculosis):ti,ab 167
#77 {or #58-#76} 5928
#78 MeSH descriptor: [Hypertension, Pulmonary] explode all trees 1699
#79 MeSH descriptor: [Pulmonary Heart Disease] explode all trees 81
#80 (pulmonary NEAR/3 hypertens*):ti,ab 4409
#81 "pulmonary vascular disease":ti,ab 116
#82 {or #78-#81} 4720
#83 MeSH descriptor: [Dyspnea] explode all trees 1978
#84 (dyspnoe* OR dyspne*):ti,ab 11793
#85 breathless*:ti,ab 2397
#86 (breathing NEAR/3 (labored OR laboured OR difficult*)):ti,ab 884
#87 #83 OR #84 OR #85 OR #86 14473
#88 MeSH descriptor: [Analgesics, Opioid] explode all trees 10726
#89 MeSH descriptor: [Morphine] explode all trees 5979
#90 MeSH descriptor: [Morphine Derivatives] explode all trees 8655
#91 MeSH descriptor: [Fentanyl] explode all trees 6746
#92 MeSH descriptor: [Oxycodone] explode all trees 1212
#93 MeSH descriptor: [Benzodiazepines] explode all trees 11728
#94 MeSH descriptor: [Sertraline] explode all trees 1255
#95 (adinazolam or alprazolam or bentazepam or bromazepam or brotizolam or chlordiazepoxide or cinolazepam or clobazam or clonazepam or clorazepate or clotiazepam or cloxazolam or delorazepam or demoxepam or desmethyldiazepam or diazepam or estazolam or etizolam or etozolam or fludiazepam or flunitrazepam or flurazepam or flutoprazepam or halazepam or haloxazolam or ketazolam or loprazolam or lorazepam or lormetazepam or medazepam or metaclazepam or mexazolam or midazolam or nimetazepam or nitrazepam or nordazepam or oxazepam or oxazolam or pinazepam or prazepam or quazepam or temazepam or tetrazepam or tofisopam or triazolam):ti,ab 18631
#96 MeSH descriptor: [Mirtazapine] explode all trees 384
#97 (morphin* OR fentanyl OR oxycodon* OR hydromorphin* OR benzodiazepin* OR sertraline* OR mirtazapin*):ti,ab 42544
#98 #88 OR #89 OR #90 OR #91 OR #92 OR #93 OR #94 OR #95 OR #96 OR #97 65931
#99 MeSH descriptor: [Patient Education as Topic] explode all trees 10925
#100 ((patient OR client OR providing OR "provision of" OR supplying OR supplied) NEAR/1 (education OR information)):ti,ab 8666
#101 MeSH descriptor: [Teaching Materials] 1 tree(s) exploded 0
#102 (audio* OR video* OR cassette* OR tape? OR dvd* OR (compact NEXT dis*) OR cd OR cds OR multimedia OR "multi media"):ti,ab 62528

#103 MeSH descriptor: [Internet] explode all trees 6766
#104 MeSH descriptor: [Telecommunications] 1 tree(s) exploded 0
#105 (internet OR web OR website* OR online OR "on line" OR (electronic NEXT mail*) OR email* OR mail* OR blog* OR weblog* OR podcast* OR portal? OR (computer NEXT program*) OR "computer mediated" OR "computer based" OR "computer assisted"):ti,ab 135881
#106 MeSH descriptor: [Computer-Assisted Instruction] explode all trees 1481
#107 (telephon* OR phone OR phones OR (text NEXT messag*) OR sms):ti,ab 49891
#108 (pamphlet* OR booklet* OR leaflet* OR flyer* OR poster* OR brochure* OR (print* NEXT material*)):ti,ab 42488
#109 ((education* OR teaching OR instruction* OR counsel?ing OR advisory OR information*) NEAR/1 (material* OR program* OR session*)):ti,ab 22766
#110 MeSH descriptor: [Communication] explode all trees 13484
#111 MeSH descriptor: [Counseling] explode all trees 7478
#112 MeSH descriptor: [Information Services] 1 tree(s) exploded 0
#113 MeSH descriptor: [Information Dissemination] explode all trees 362
#114 "shared decision":ti,ab 2383
#115 #99 or #100 or #101 or #102 or #103 or #104 or #105 or #106 or #107 or #108 or #109 or #110 or #111 or #112 or #113 or #114 289056
#116 MeSH descriptor: [Breathing Exercises] explode all trees 1412
#117 MeSH descriptor: [Respiratory Therapy] explode all trees 11866
#118 (breath* NEAR/3 (exercis* or retrain*)):ti,ab 3792
#119 buteyko:ti,ab 94
#120 (diaphragm* NEAR/3 breath*):ti,ab 866
#121 (breath* NEAR/3 control*):ti,ab 1553
#122 (relax* NEAR/3 breath*):ti,ab 813
#123 (tidal NEAR/1 breath*):ti,ab 315
#124 physiotherap*:ti,ab 19907
#125 (physical NEAR/1 therapy):ti,ab 10037
#126 yawn:ti,ab 18
#127 sigh:ti,ab 202
#128 MeSH descriptor: [Meditation] explode all trees 1095
#129 MeSH descriptor: [Yoga] explode all trees 1234
#130 MeSH descriptor: [Imagery, Psychotherapy] explode all trees 669
#131 MeSH descriptor: [Relaxation] explode all trees 2187
#132 MeSH descriptor: [Music] explode all trees 1231
#133 (yoga OR meditation OR imagery OR visualisation OR relaxation OR music):ti,ab 39507
#134 oxygen*:ti,ab 59723
#135 ventilat*:ti,ab 42733
#136 ("respiratory care" NEXT service*):ti,ab 6
#137 (breathlessness NEAR/3 service*):ti,ab 43
#138 MeSH descriptor: [Walking] explode all trees 8379
#139 MeSH descriptor: [Dependent Ambulation] explode all trees 22
#140 MeSH descriptor: [Physical Therapy Modalities] explode all trees and with qualifier(s): [instrumentation - IS] 1440
#141 MeSH descriptor: [Exercise Therapy] explode all trees and with qualifier(s): [instrumentation - IS] 532
#142 MeSH descriptor: [Mobility Limitation] explode all trees 691
#143 MeSH descriptor: [Ventilators, Mechanical] explode all trees 415
#144 MeSH descriptor: [Noninvasive Ventilation] explode all trees 551
#145 NIV:ti,ab 1731
#146 fan:ti,ab 504
#147 MeSH descriptor: [Oxygen Inhalation Therapy] explode all trees 2360
#148 high-flow nasal oxygen:ti,ab 1965
#149 optiflow:ti,ab 164
#150 MeSH descriptor: [Mindfulness] explode all trees 2467
#151 mindful*:ti,ab 11007
#152 mind-body:ti,ab 1420
#153 MeSH descriptor: [Psychotherapy] explode all trees 36296
#154 psychotherap*:ti,ab 10549

#155 MeSH descriptor: [Cognitive Behavioral Therapy] explode all trees 14458
#156 cbt:ti,ab 12146
#157 (behav* NEAR/2 therap*):ti,ab 20855
#158 (cognitive NEAR/2 therap*):ti,ab 20756
#159 MeSH descriptor: [Counseling] explode all trees 7478
#160 counsel*:ti,ab 28252
#161 MeSH descriptor: [Directive Counseling] explode all trees 1813
#162 (supportive NEAR/2 (therap* or psychotherap*)):ti,ab 2084
#163 moist*:ti,ab 5261
#164 {or #115-#163} 483927
#165 MeSH descriptor: [Adrenal Cortex Hormones] explode all trees 18929
#166 (ketosteroid* or androstenedione or androsterone or "estrone sulfate" or etiocholanolone or prasterone or dehydroepiandrosterone or hydroxycorticosteroid* or hydrocorticosteroid* or deoxycorticosterone or deoxycorticosterone or pregnenolone or corticosteroid* or hydrocortisone or budesonide or prednisolone or methylprednisolone or efcortesol or hydrocortone or "solu cortef" or budesonide or entocort* or budenofalk or equilein or hydroxycorticosterone or aldosterone or corticosterone or hydrocortisone or hydrocortisone or tetrahydrocortisol or tetrahydrocortisol or cortison or cortodoxone):ti,ab 46545
#167 #165 OR #166 56108
#168 #37 OR #41 OR #51 OR #57 OR #77 OR #82 387504
#169 #98 OR #164 534814
#170 #87 AND #168 AND #169 4460
#171 #87 AND #37 AND #167 60
#172 #170 OR #171 with Cochrane Library publication date Between Jan 2015 and May 2025 3414
#173 MeSH descriptor: [Antidepressive Agents] explode all trees 7592
#174 MeSH descriptor: [Heterocyclic Compounds] explode all trees 251483
#175 MeSH descriptor: [Selective Serotonin Reuptake Inhibitors] explode all trees 3493
#176 MeSH descriptor: [Adrenergic Uptake Inhibitors] explode all trees 590
#177 MeSH descriptor: [Monoamine Oxidase Inhibitors] explode all trees 464
#178 (anti-depress* or antidepress* or drug therap* or pharmacotherap* or trycyclic* or TCA* or heterocyclic* or serotonin uptake or SSRI* or SNRI* or monoamine oxidase inhibitor* or MAOI*):ti,ab 91933
#179 (desipramine or imipramine or clomipramine or opipramol or trimipramine or lofepramine or dibenzepin or amitriptyline or nortriptyline or protriptyline or doxepin or iprindole or melitracen or butriptyline or dosulepin or amoxapine or dimetacrine or amineptine or maprotiline or quinupramine or zimeldine or fluoxetine or citalopram or paroxetine or sertraline or alaproclate or fluvoxamine or etoperidone or escitalopram or isocarboxazid or nialamide or phenelzine or tranylcypromine or iproniazide or iproclozide or moclobemide or toloxatone or oxitriptan or tryptophan or mianserin or nomifensine or trazodone or nefazodone or minaprine or bifemelane or viloxazine or oxaflozane or mirtazapine or bupropion or medifoxamine or tianeptine or pivagabine or venlafaxine or milnacipran or reboxetine or gepirone or duloxetine or agomelatine or desvenlafaxine or vilazodone or hyperici herba or hypericum perforatum or st john* wort* or saint john* wort*):ti,ab 25336
#180 {or #173-#179} 333685
#181 #87 AND #168 AND #180 with Cochrane Library publication date Between Jan 2015 and May 2025 1039
#182 #172 or #181 3986

Embase: 16/05/2025

#1. 'neoplasm'/exp	6670845
#2. 'cancer staging'/exp	499221
#3. cancer*:ti,ab	3596853
#4. tumor*:ti,ab	2670576
#5. tumour*:ti,ab	468774
#6. carcinoma*:ti,ab	1139991
#7. neoplasm*:ti,ab	244308
#8. lymphoma:ti,ab	305456
#9. melanoma:ti,ab	208851

#10. staging:ti,ab	173357
#11. metastas*:ti,ab	705541
#12. metastatic:ti,ab	503676
#13. 'metastasis'/exp	924190
#14. 'oncogenesis and malignant transformation'/exp	1400549
#15. neoplastic AND process*:ti,ab	22275
#16. (non NEAR/1 small NEAR/1 cell):ti,ab	154287
#17. adenocarcinoma*:ti,ab	303867
#18. (squamous NEAR/1 cell):ti,ab	203547
#19. nsclc:ti,ab	127651
#20. osteosarcoma*:ti,ab	40282
#21. phyllodes:ti,ab	3443
#22. cystosarcoma*:ti,ab	697
#23. fibroadenoma*:ti,ab	6033
#24. (nonsmall NEAR/2 cell):ti,ab	130548
#25. plasmacytoma*:ti,ab	9574
#26. myeloma:ti,ab	113595
#27. (multiple NEAR/1 myeloma):ti,ab	91436
#28. lymphoblastoma*:ti,ab	357
#29. lymphocytoma*:ti,ab	465
#30. lymphosarcoma*:ti,ab	4615
#31. immunocytoma:ti,ab	472
#32. sarcoma*:ti,ab	153529
#33. hodgkin*:ti,ab	114466
#34. nonhodgkin*:ti,ab OR ((non NEAR/1 hodgkin*):ti,ab)	69078
#35. malignan*:ti,ab	1105195
#36. #1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #7 OR #8 OR #9 OR #10 OR #11 OR #12 OR #13 OR #14 OR #15 OR #16 OR #17 OR #18 OR #19 OR #20 OR #21 OR #22 OR #23 OR #24 OR #25 OR #26 OR #27 OR #28 OR #29 OR #30 OR #31 OR #32 OR #33 OR #34 OR #35	7959358
#37. 'heart failure'/exp	756962
#38. ((heart OR cardiac OR myocardial) NEAR/2 (failure* OR decompensat*)):ti,ab	425845
#39. 'nyha 3':ti,ab OR 'nyha 4':ti,ab OR 'nyha iii':ti,ab OR 'nyha iv':ti,ab	4747
#40. #37 OR #38 OR #39	825886
#41. 'chronic obstructive lung disease'/exp	204999
#42. emphysema*:ti,ab	46635
#43. (chronic* NEAR/3 bronchiti*):ti,ab	17029
#44. (obstruct* NEAR/3 (pulmonary OR lung* OR airway* OR airflow* OR bronch* OR respirat*)):ti,ab	170094
#45. copd:ti,ab OR coad:ti,ab OR cobd:ti,ab OR aecb:ti,ab	126541
#46. #41 OR #42 OR #43 OR #44 OR #45	328951
#47. 'amyotrophic lateral sclerosis'/exp	55227
#48. 'motor neuron disease'/de	16147
#49. als:ti,ab	50462
#50. 'charcot disease':ti,ab	51

#51. 'lou gehrig':ti,ab	292
#52. #47 OR #48 OR #49 OR #50 OR #51	84859
#53. 'interstitial lung disease'/exp	160498
#54. (interstitial* NEAR/3 lung* NEAR/3 disease*):ti,ab	35277
#55. (interstitial* NEAR/3 (fibros* OR pneumonitis OR pneumonia OR pneumopathy)):ti,ab	42936
#56. alveolitis:ti,ab	5864
#57. 'bronchiolitis obliterans'/exp	9944
#58. (bronchiolitis NEAR/3 obliterans):ti,ab	6913
#59. (goodpasture* NEAR/3 syndrome*):ti,ab	1573
#60. granulomatosis:ti,ab	19057
#61. 'histiocytosis'/exp	48119
#62. histiocytosis*:ti,ab	15125
#63. pneumoconiosis:ti,ab OR pneumokoniosis:ti,ab OR pneumonoconiosis:ti,ab	5939
#64. bagassosis:ti,ab	79
#65. (pulmonar* NEAR/3 sarcoid*):ti,ab	5991
#66. (pulmonar* NEAR/3 fibros*):ti,ab	47947
#67. (wegener* NEAR/3 granuloma*):ti,ab	8123
#68. (lung* NEAR/3 purpura):ti,ab	41
#69. ((bird* OR farmer* OR pigeon* OR avian* OR budgerigar*) NEAR/3 (lung* OR disease*)):ti,ab	5408
#70. asbestosis:ti,ab OR byssinosis:ti,ab OR siderosis:ti,ab OR silicosis:ti,ab OR berylliosis:ti,ab OR anthracosilicosis:ti,ab OR silicotuberculosis:ti,ab	15005
#71. #53 OR #54 OR #55 OR #56 OR #57 OR #58 OR #59 OR #60 OR #61 OR #62 OR #63 OR #64 OR #65 OR #66 OR #67 OR #68 OR #69 OR #70	288002
#72. 'pulmonary hypertension'/exp	134511
#73. (pulmonary NEAR/3 hypertens*):ti,ab	104720
#74. 'pulmonary vascular disease':ti,ab	3616
#75. #72 OR #73 OR #74	149487
#76. 'dyspnea'/de OR dyspnoe*:ab,ti OR dyspne*:ab,ti OR breathless*:ab,ti OR ((breathing NEAR/3 labored):ab,ti) OR ((breathing NEAR/3 laboured):ab,ti) OR ((breathing NEAR/3 difficult*):ab,ti)	309183
#77. 'narcotic analgesic agent'/exp OR 'morphine'/exp OR 'morphine derivative'/exp OR 'fentanyl'/exp OR 'oxycodone'/exp OR 'hydromorphone'/exp OR 'benzodiazepine derivative'/exp OR 'sertraline'/exp OR 'mirtazapine'/exp	783448
#78. morphin*:ti,ab OR fentanyl:ti,ab OR oxycodon*:ti,ab OR hydromorphin*:ti,ab OR benzodiazepin*:ti,ab OR sertralin*:ti,ab OR mirtazapin*:ti,ab	190383
#79. adinazolam:ti,ab OR alprazolam:ti,ab OR bentazepam:ti,ab OR bromazepam:ti,ab OR brotizolam:ti,ab OR chlordiazepoxide:ti,ab OR cinolazepam:ti,ab OR clobazam:ti,ab OR clonazepam:ti,ab OR clorazepate:ti,ab OR clotiazepam:ti,ab OR cloxazolam:ti,ab OR delorazepam:ti,ab OR demoxepam:ti,ab OR desmethyldiazepam:ti,ab OR diazepam:ti,ab OR estazolam:ti,ab OR etizolam:ti,ab OR etozolam:ti,ab OR fludiazepam:ti,ab OR flunitrazepam:ti,ab OR flurazepam:ti,ab OR flutoprazepam:ti,ab OR halazepam:ti,ab OR haloxazolam:ti,ab OR ketazolam:ti,ab OR loprazolam:ti,ab OR lorazepam:ti,ab OR lormetazepam:ti,ab OR medazepam:ti,ab OR metaclazepam:ti,ab OR mexazolam:ti,ab OR midazolam:ti,ab OR nimetazepam:ti,ab OR nitrazepam:ti,ab OR nordazepam:ti,ab OR oxazepam:ti,ab OR oxazolam:ti,ab OR pinazepam:ti,ab OR prazepam:ti,ab OR quazepam:ti,ab OR temazepam:ti,ab OR tetrazepam:ti,ab OR tofisopam:ti,ab OR triazolam:ti,ab	81175
#80. #77 OR #78 OR #79	807691
#81. 'patient education'/exp	133842
#82. 'patient information'/exp	34176

#83. ((patient OR client) NEAR/1 (education OR information)):ti,ab	61396
#84. 'mass communication'/exp	801793
#85. audio*:ti,ab OR video*:ti,ab OR cassette*:ti,ab OR tape?:ti,ab OR dvd*:ti,ab OR 'compact dis*':ti,ab OR cd:ti,ab OR cds:ti,ab OR multimedia:ti,ab OR 'multi media':ti,ab	715100
#86. internet:ti,ab OR web:ti,ab OR website*:ti,ab OR online:ti,ab OR 'on line':ti,ab OR blog*:ti,ab OR weblog*:ti,ab OR podcast*:ti,ab OR portal?:ti,ab OR 'computer program*':ti,ab OR 'computer mediated':ti,ab OR 'computer based':ti,ab OR 'computer assisted':ti,ab	851571
#87. telephon*:ti,ab OR phone:ti,ab OR phones:ti,ab OR 'text messag*':ti,ab OR sms:ti,ab	200115
#88. pamphlet*:ti,ab OR booklet*:ti,ab OR leaflet*:ti,ab OR flyer*:ti,ab OR brochure*:ti,ab OR 'print* material*':ti,ab	64475
#89. ((education* OR teaching OR instruction* OR counseling OR advisory OR information*) NEAR/1 (material* OR pack* OR program* OR session* OR guide*)):ti,ab	130304
#90. 'information service'/exp	17104
#91. 'breathing exercise'/exp OR 'respiratory exerciser'/exp	13265
#92. (breath* NEAR/3 (exercis* OR retrain*)):ti,ab	6455
#93. buteyko:ti,ab	80
#94. (diaphragm* NEAR/3 breath*):ti,ab	1437
#95. (breath* NEAR/3 control*):ti,ab	6573
#96. (relax* NEAR/3 breath*):ti,ab	1182
#97. 'tidal breath*':ti,ab	3025
#98. physiotherap*:ti,ab	68637
#99. 'physical therapy':ti,ab	40307
#100.yawn:ti,ab	301
#101.sigh:ti,ab	1051
#102.'yoga'/exp OR 'meditation'/exp OR 'guided imagery'/exp OR 'relaxation training'/exp OR 'music'/exp	62318
#103.yoga:ti,ab OR meditation:ti,ab OR imagery:ti,ab OR visualisation:ti,ab OR relaxation:ti,ab OR music:ti,ab	246549
#104.'oxygen'/exp	292955
#105.oxygen*:ti,ab	918956
#106.'assisted ventilation'/exp	278266
#107.ventilat*:ti,ab	338284
#108.'respiratory care service*':ti,ab	87
#109.(breathlessness NEAR/3 service*):ti,ab	125
#110.'walking'/exp	156683
#111.'walking difficulty'/exp	18599
#112.'physiotherapy'/exp	130495
#113.'kinesiotherapy'/exp	118573
#114.'mechanical ventilator'/exp	8339
#115.'noninvasive ventilation'/exp	35159
#116.niv:ti,ab	10678
#117.fan:ti,ab	9494
#118.'oxygen therapy'/exp	128444
#119.'high flow':ti,ab AND nasal:ti,ab AND next:ti,ab AND oxygen:ti,ab	154
#120.optiflow:ti,ab	290

#121.mindful*:ti,ab	26368
#122.'mind body':ti,ab	6197
#123.'psychotherapy'/exp	352689
#124.psychotherap*:ti,ab	79722
#125.'cognitive behavioral therapy'/exp	38881
#126.cbt:ti,ab	25274
#127.(behav* NEAR/2 therap*):ti,ab	51834
#128.(cognitive NEAR/2 therap*):ti,ab	44727
#129.'counseling'/exp	222244
#130.counsel*:ti,ab	226014
#131.(supportive NEAR/2 (therap* OR psychotherap*)):ti,ab	13692
#132.'humidifier'/exp	8669
#133.moist*:ti,ab	68558
#134.#81 OR #82 OR #83 OR #84 OR #85 OR #86 OR #87 OR #88 OR #89 OR #90 OR #91 OR #92 OR #93 OR #94 OR #95 OR #96 OR #97 OR #98 OR #99 OR #100 OR #101 OR #102 OR #103 OR #104 OR #105 OR #106 OR #107 OR #108 OR #109 OR #110 OR #111 OR #112 OR #113 OR #114 OR #115 OR #116 OR #117 OR #118 OR #119 OR #120 OR #121 OR #122 OR #123 OR #124 OR #125 OR #126 OR #127 OR #128 OR #129 OR #130 OR #131 OR #132 OR #133	5103552
#135.'corticosteroid'/exp	1299555
#136.ketosteroid*:ti,ab OR androstenedione:ti,ab OR androsterone:ti,ab OR 'estrone sulfate':ti,ab OR etiocholanolone:ti,ab OR prasterone:ti,ab OR dehydroepiandrosterone:ti,ab OR hydroxycorticosteroid*:ti,ab OR hydrocorticosteroid*:ti,ab OR deoxycorticosterone:ti,ab OR pregnenolone:ti,ab OR corticosteroid*:ti,ab OR prednisolone:ti,ab OR methylprednisolone:ti,ab OR efcortesol:ti,ab OR hydrocortone:ti,ab OR 'solu cortef':ti,ab OR budesonide:ti,ab OR entocort*:ti,ab OR budenofalk:ti,ab OR equilein:ti,ab OR hydroxycorticosterone:ti,ab OR aldosterone:ti,ab OR corticosterone:ti,ab OR hydrocortisone:ti,ab OR tetrahydrocortisol:ti,ab OR cortison:ti,ab OR cortodoxone:ti,ab	433469
#137.#135 OR #136	1386695
#138.#36 OR #40 OR #46 OR #52 OR #71 OR #75	9265833
#139.#80 OR #134	5758387
#140.#76 AND #138 AND #139	53289
#141.#36 AND #76 AND #137	19236
#142.#140 OR #141	66778
#143.(#140 OR #141) AND ([cochrane review]/lim OR [systematic review]/lim OR [meta analysis]/lim OR [randomized controlled trial]/lim) AND ('article'/it OR 'article in press'/it OR 'review'/it OR 'clinical trial'/it) AND ([dutch]/lim OR [english]/lim) AND [embase]/lim AND [2015-2025]/py	2273
#144.'antidepressant agent'/exp	674444
#145.'heterocyclic compound'/exp	7512847
#146.'adrenergic receptor affecting agent'/exp	1423550
#147.'monoamine oxidase inhibitor'/exp	76797
#148.(((anti-depress*:ti,ab OR antidepress*:ti,ab OR drug:ti,ab) AND therap*:ti,ab OR pharmacotherap*:ti,ab OR trycyclic*:ti,ab OR tca*:ti,ab OR heterocyclic*:ti,ab OR serotonin:ti,ab) AND uptake:ti,ab OR ssri*:ti,ab OR snri*:ti,ab OR monoamine:ti,ab) AND oxidase:ti,ab AND inhibitor*:ti,ab OR maoi*:ti,ab	11736
#149.((((desipramine:ti,ab OR imipramine:ti,ab OR clomipramine:ti,ab OR opipramol:ti,ab OR trimipramine:ti,ab OR lofepramine:ti,ab OR dibenzepin:ti,ab OR amitriptyline:ti,ab OR nortriptyline:ti,ab OR protriptyline:ti,ab OR doxepin:ti,ab OR iprindole:ti,ab OR melitracen:ti,ab OR butriptyline:ti,ab OR dosulepin:ti,ab OR amoxapine:ti,ab OR dimetacrine:ti,ab OR	2922

amineptine:ti,ab OR maprotiline:ti,ab OR quinupramine:ti,ab OR zimeldine:ti,ab OR fluoxetine:ti,ab OR citalopram:ti,ab OR paroxetine:ti,ab OR sertraline:ti,ab OR alaproclate:ti,ab OR fluvoxamine:ti,ab OR etoperidone:ti,ab OR escitalopram:ti,ab OR isocarboxazid:ti,ab OR nialamide:ti,ab OR phenelzine:ti,ab OR tranylcypromine:ti,ab OR iproniazide:ti,ab OR iproclozide:ti,ab OR moclobemide:ti,ab OR toloxatone:ti,ab OR oxitriptan:ti,ab OR tryptophan:ti,ab OR mianserin:ti,ab OR nomifensine:ti,ab OR trazodone:ti,ab OR nefazodone:ti,ab OR minaprine:ti,ab OR bifemelane:ti,ab OR viloxazine:ti,ab OR oxaflozane:ti,ab OR mirtazapine:ti,ab OR bupropion:ti,ab OR medifoxamine:ti,ab OR tianeptine:ti,ab OR pivagabine:ti,ab OR venlafaxine:ti,ab OR milnacipran:ti,ab OR reboxetine:ti,ab OR gepirone:ti,ab OR duloxetine:ti,ab OR agomelatine:ti,ab OR desvenlafaxine:ti,ab OR vilazodone:ti,ab OR hyperici:ti,ab) AND herba:ti,ab OR hypericum:ti,ab) AND perforatum:ti,ab OR st:ti,ab) AND john*:ti,ab AND wort*:ti,ab OR saint:ti,ab) AND john*:ti,ab AND wort*:ti,ab	
#150. #144 OR #145 OR #146 OR #147 OR #148 OR #149	8119171
#151. #76 AND #138 AND #150	80959
#152. #76 AND #138 AND #150 AND ([cochrane review]/lim OR [systematic review]/lim OR [meta analysis]/lim OR [randomized controlled trial]/lim) AND ('article'/it OR 'article in press'/it OR 'review'/it OR 'clinical trial'/it) AND ([dutch]/lim OR [english]/lim) AND [embase]/lim AND [2015-2025]/py	2763
#153. #143 OR #152	3977