Appendix C1. Citation details of studies from search results excluded [Buteyko]

Study	Reference	Reason for exclusion
Cooper 2009	Cooper, Sue; Oborne, Janet; Harrison, Tim; Tattersfield, Anne Effect of mouth taping at night on asthma control--a randomised single-blind crossover study. Respiratory medicine. 2009; 103(6) 813-9. doi: https://dx.doi.org/10.1016/j.rmed.2009.02.003	Intervention: not Buteyko (mouth-taping only)
Andreasson 2022	Andreasson, K. H.; Skou, S. T.; Ulrik, C. S.; Madsen, H.; Sidenius, K.; Assing, K. D.; Porsbjerg, C.; Bloch-Nielsen, J.; Thomas, M.; Bodtger, U. Breathing Exercises for Patients with Asthma in Specialist Care: A Multicenter Randomized Clinical Trial. Ann Am Thorac Soc. 2022; 19(9) 1498-1506. doi: 10.1513/AnnalsATS.202111-1228OC Andreasson, K. H.; Skou, S. T.; Ulrik, C. S.; Madsen, H.; Sidenius, K.; Jacobsen, J. S.; Assing, K. D.; Rasmussen, K. B.; Porsbjerg, C.; Thomas, M.; Bodtger, U. Protocol for a multicentre randomised controlled trial to investigate the effect on asthma-related quality of life from breathing retraining in patients with incomplete asthma control attending specialist care in Denmark. BMJ open. 2019; 9(12) e032984. doi: 10.1136/bmjopen-2019-032984	Comparator: Buteyko with co-intervention that is not also in a standalone comparator arm
Udayani 2019	Udayani, Wiwik; Amin, Muhammad; Makhfudli, The Effect of Combination of Buteyko Breathing Technique and Walking Exercise on Forced Peak Expiratory Flow In Adult Asthmatic Patients. Jurnal Keperawatan Padjadjaran. 2019; 7(2) 188-197. doi: 10.24198/jkp.v7i2.1193	Comparator: Buteyko with co-intervention that is not also in a standalone comparator arm
Afle 2014	Afle, Gauri Mayank; Grover, Sumeeta Khaund To study the effectiveness of buteyko breathing technique versus diaphragmatic breathing in asthmatics. International Journal of Physiotherapy. 2014; () 116-119. doi:	NRSI: active comparator
Ihwan 2022	Ihwan, Anhar; Nugraha, Ary; Negara, Candra Kusuma Ballons And Buteyko Blowing Exercises Against Peak Current Expiration Of Asthma Patients. Jurnal EduHealth. 2022; 13(1) 204-211. doi:	NRSI: active comparator
Kamalam 2019	Kamalam, S; Srividya, G; Milton, J An Analysis on the Effect of Buteyko Breathing and Relaxed Postures Over the Chest Exapnsion of Asthmatic Collegiate Population-An Experimental Study. International Journal Medical and Exercise Science. 2019; 5() 567-575. doi:	NRSI: active comparator
Seetharamaraju 2023	Seetharamaraju, V.; Sherikar, R.; Bhansali, S. C.; Chandra, T. J. Comparative Study on Buteyko Breathing Technique and Pranayama on Pulmonary Function and Quality of Life in COPD Individuals. International Journal of Pharmaceutical and Clinical Research. 2023; 15(2) 376-379. doi:	NRSI: active comparator
Abouelala 2017	Abouelala, Fatma Mohmmed; Sherif, Wafaa Ismail; Elshamy, Karima Fouad; Shalabi, Nesrien Mohmed EFFECT OF BUTEYKO BREATHING TECHNIQUE ON QUALITY OF LIFE AMONG ASTHMATIC PATIENTS AT MANSOURA UNIVERSITY HOSPITAL. Mansoura Nursing Journal. 2017; 4(2) 45627. doi:	NRSI: no appropriate control for confounding
Al-Ibraheemi 2020	Al-Ibraheemi, H. M. J.; Ali, D. K. A. Effect of buteyko method as a respiratory rehabilitation technique on patients' lungs capacities after stroke. International Journal of Psychosocial Rehabilitation. 2020; 24(4) 5733-5743. doi: https://dx.doi.org/10.37200/IJPR/V24I4/PR2020378	NRSI: no appropriate control for confounding
Fittarsih 2021	Fittarsih, Niya Fittarsih; Suwondo, Ari; Pujiastuti, Rr Sri Endang; Santoso, Bedjo Buteyko Breathing Techniques and Asthma Gymnastics on Improving Oxygen Saturation and Eosynophile Levels among Asma Patients. International Journal of Nursing and Health Services (IJNHS). 2021; 4(2) 198-207. doi:	NRSI: no appropriate control for confounding
Huidrom 2016	Huidrom, Kimita; Shiroor, Geeta; Ray, Supriya Pottal Effectiveness of buteyko breathing technique on respiratory physiological parameters among patients with bronchial asthma. International journal of recent scientific research. 2016; 7(5) 11328-11331. doi:	NRSI: no appropriate control for confounding
Karpagam 2017	Karpagam, K.; Mangalagowri, P.; Aruna, S. Effectiveness of buteyko breathing technique on level of peak expiratory flow rate and asthma symptoms among patients with bronchial asthma. International Journal of Pharma and Bio Sciences. 2017; 8(3) B457-B464. doi: https://dx.doi.org/10.22376/ijpbs.2017.8.3.b457-464	NRSI: no appropriate control for confounding
Kumar 2020	Kumar, Karpagam; Ramasamy, S; Vijayaraghavan, R; Krishnan, Madhan Comparative Effectiveness of Buteyko Breathing Technique and Pranayama (Yoga Breathing) on Pulmonary Function, Asthma Control, Quality of Life, and Biomarkers in Patients with Bronchial Asthma. . ; () . doi:	NRSI: no appropriate control for confounding
Lina 2013	Lina, Romella C; Leysa, Matthew Daniel V; Libozada, ZD; Lirio, Maria Francesca I; Liwag, Angelo A; Ramos, Gabriel D; Natividad, Margaret M Effectiveness of Buteyko method in asthma control and quality of life of school-age children. . 2013; () . doi:	NRSI: no appropriate control for confounding
Priyalatha 2018	Priyalatha, G; Geetha, C; Renuka, K Effectiveness of Buteyko breathing exercise (BBE) on respiratory outcome among children with bronchial asthma admitted in pediatric unit of mgmcri. Puducherry IJAR. 2018; 4(10) 413-418. doi:	NRSI: no appropriate control for confounding
Sukartini 2020	Sukartini, Tintin; Muna, Latifatul; Wahyudi, Andri Setiya The influence of buteyko respiratory technique on the decreased degree of shodness in asthma patients in pulmonary poly. EurAsian Journal of BioSciences Eurasia J Biosci. 2020; 14() 2489-2494. doi:	NRSI: no appropriate control for confounding

Tutor 2020	Tutor, R. J.; Pradhan, R. Effect of Buteyko breathing technique on respiratory parameters of 5 to 12 years old children with bronchial asthma admitted in paediatric ward at selected hospital Bhubaneswar, Odisha. European Journal of Molecular and Clinical Medicine. 2020; 7(8) 1457-1462. doi:	NRSI: no appropriate control for confounding
Villareal 2014	Villareal, GM; Villazor, BP; Villegas, Ailleen M; Visaya, PS; Vista, Mylene E; Tan, Crestita B; Florendo, C Effect of Buteyko method on asthma control and quality of life of Filipino adults with bronchial asthma. The Journal of Macro Trends in Health and Medicine. 2014; 2(1) 44-60. doi:	NRSI: no appropriate control for confounding

Appendix C2. Citation details of studies on evidence inventory [Buteyko]

Study ID	Reference
Abd Elmawla Elsaid 2023	AbdElmawla Elsaid, Reham AbdElhamed; Zahran, Walaa El-khanany; Elsaid Hafez, Dalia Masoud Comparison of the Effects of Buteyko and Diaphragmatic Breathing Technique on Improving Pulmonary Functions and Asthma Control among Patients with Bro. 2023. Egyptian Journal of Nursing and Health Sciences; 4(3) #427. doi:
Abdurrasyid n.d.	Abdurrasyid, SSt; Ft, M; Wismanto, S Ft EFFECTIVENESS OF BUTEYKO BREATHING TECHNIQUE AND PURSED LIP BREATHING TECHNIQUE IN IMPROVING PEAK EXPIRATORY FLOW RATE IN PATIENTS WITH ASTHMA. . ; ()doi:
Afshan 2020	Afshan, N.; Ahmad, S.; Shahid, S.; Fatima, A. Effect of buteyko breathing technique and incentive spirometer on breath control pause in post cardiac surgery patients. 2020. Rawal Medical Journal; 45(4) #383. doi:
Azab 2017	Azab, A; Moawd, S; AbdulRahman, R Effect of buteyko breathing exercises versus yoga training on pulmonary functions and functional capacity in children with bronchial asthma: a randomized controlled trial. 2017. International Journal of Therapies and Rehabilitation Research; 6(1) #423. doi:
Bowler 1998	Bowler, S. D.; Green, A.; Mitchell, C. A. Buteyko breathing techniques in asthma: a blinded randomised controlled trial. 1998. The Medical journal of Australia; 169(45637) #401. doi: BU-049-S Bowler 1995
Chavda 2016	Chavda, MV; Shah, H To compare the efficacy of pursed lip breathing and Buteyko breathing technique to reduce the symptoms of exercise induced asthma in obese patients. 2016. International Journal of Current Research; 8(7) #443. doi:
Cooper 2003	Cooper, S.; Oborne, J.; Newton, S.; Harrison, V.; Coon, J. T.; Lewis, S.; Tattersfield, A. Effect of two breathing exercises (Buteyko and pranayama) in asthma: A randomised controlled trial. 2003. Thorax; 58(8) #413. doi: BU-050 Cooper 2002 Cooper, S.; Oborne, J.; Newton, S.; Harrison, V.; Thompson Coon, J.; Lewis, S.; Tattersfield, A. E. Do breathing exercises (buteyko and pranayama) help to control asthma: a randomised controlled trial. 2002. European respiratory society annual congress 2002; () abstract P1929
Cowie 2008	Cowie, Robert L.; Conley, Diane P.; Underwood, Margot F.; Reader, Patricia G. A randomised controlled trial of the Buteyko technique as an adjunct to conventional management of asthma. 2008. Respiratory medicine; 102(5) #387. doi:
David 2022	David, JJ; Patil, HR Immediate Effect of Buteyko Breathing Technique Versus Stacked Breathing Technique in Asthma Patients. 2022. International Journal of Health Sciences and Research; 12(6) #450. doi:
Elnaggar 2016	Elnaggar, Ragab K; Shendy, Mohammed A Efficacy of noninvasive respiratory techniques in the treatment of children with bronchial asthma: a randomized controlled trial. 2016. Bulletin of Faculty of Physical Therapy; 21() #424. doi:
El-Nahas 2019	El-Nahas, Nesreen; El-Deen, Heba; Ahmed, Khaled; Ghaly, Lamis Effect of buteyko breathing on modulation of acid base balance among asthmatic patients. 2019. Bioscience Research; 16(1) #444. doi:
Endiyono 2022	Endiyono, Endiyono; Adhi, M Hanif Prasetya; Muslim, Aji Heru The Effect of Buteyko Method on Oxygen Saturation Values in Covid-19 Patients. 2022. Jurnal Aisyah: Jurnal Ilmu Kesehatan; 7(S2) #432. doi:
McHugh 2003	McHugh, Patrick; Aitcheson, Fergus; Duncan, Bruce; Houghton, Frank Buteyko Breathing Technique for asthma: an effective intervention. 2003. The New Zealand medical journal; 116(1187) #407. doi:
Mohamed 2016	Mohamed, ESHA; Serry, ZMH; El-Refay, BH; Essa, LM Buteyko breathing technique versus incentive spirometer on breath holding time after coronary artery bypass graft. 2016. International Journal of Current Research; 8(3) #451. doi:
Narwal 2012	Narwal, R.; Bhaduri, S. N.; Misra, A. A study of effects of buteyko breathing Technique on asthmatic patients. 2012. Indian Journal of Physiotherapy and Occupational Therapy; 6(4) #322. doi:
Prasanna 2015	Prasanna, K. B.; Sowmiya, K. R.; Dhileeban, C. M. Effect of Buteyko breathing exercise in newly diagnosed asthmatic patients. 2015. International Journal of Medicine and Public Health; 5(1) #327. doi:

Study ID	Reference
Sharma 2019	Sharma, Rakhi; Kumar, Niraj; Nishu Sharma, Shama Praveen; Patra, Anirban The Study to Compare the Effect of Buteyko Breathing Technique and Pursed Lip Breathing in COPD. 2019. Physiotherapy and Occupational Therapy Journal; 12(2) #441. doi:
Slader 2006	Slader, C. A.; Reddel, H. K.; Spencer, L. M.; Belousova, E. G.; Armour, C. L.; Bosnic-Anticevich, S. Z.; Thien, F. C.; Jenkins, C. R. Double blind randomised controlled trial of two different breathing techniques in the management of asthma. 2006. Thorax; 61(8) #416. doi:
Swathi 2021	Swathi, G; Kumar, T Sunil; Raghunadh, N; Margrett, Ch Marry Effectiveness of Buteyko Breathing Technique versus Nadi Shuddhi Pranayama to Improve Pulmonary Function in Subjects with Bronchial Asthma. 2021. International Journal of Science and Healthcare Research; 6(4) #426. doi:
Zaher 2020	Zaher, S. A. A.; El Nahas, N. G.; Serry, Z. M.; Nageeb, M. M. Effect of buteyko breathing technique on exercise tolerance in patients under renal haemodialysis: A randomized controlled trial. 2020. Fizjoterapia Polska; 20(1) #312. doi:
Zaryyab 2021	Zaryyab,; Hassan, Z.; Shah, S. R.; Saeed, S.; Anwar, N. Effects of Breathing Exercises on Breathing Pattern, Lung Capacities and Quality of Life in Asthmatic Patients: A Randomized Controlled Trial. 2021. Medical Forum Monthly; 32(11) #348. doi:

Appendix C3. Citation details of studies awaiting classification [Buteyko]

Study ID	Reference	Reason for awaiting assessment
Djupri 2022	Djupri, Diana Rhismawati; Said, Irfan; Irawati, Hanik Rohmah; Manggabarani, Saskiyanto The Effect of Pelvic Rocking Exercise and Buteyko Exercise on Reducing Primary Dysmenorrhea Pain Levels. Jurnal Keperawatan Padjadjaran. 2022; 10(1) 22-26. doi: 10.24198/jkp.v10i1.1938	can't determine eligibility from full-text (intervention & control groups)
Austin 2009	Austin, G.; Brown, C.; Watson, T.; Chakravorty, I. Buteyko breathing technique reduces hyperventilation-induced hypocaponea and dyspnoea after exercise in asthma. American thoracic society international conference, may 15-20, 2009, san diego. 2009; () A3409 [Poster #J93]. Austin, G.; Brown, C.; Watson, T.; Chakravorty, I. Buteyko breathing technique improves exercise capacity and control of breathing in uncontrolled asthma. European respiratory society annual congress, vienna, austria, september 12-16. 2009; () [E4306]	reported in abstract only
McGowan 2003	McGowan, J. Health education in asthma management - does the Buteyko Institute method make a difference?. Thorax. 2003; 58(Suppl 3) iii28. doi:	reported in abstract only
Mendonca 2017	Mendonca, Kmpp; Freitas, D. A.; Macedo, T. M. F.; Silva, Acjs; Amaral, C. T.; Santino, T. A.; McKeown, P. Buteyko method for children with asthma: a randomized controlled trial. American Journal of Respiratory and Critical Care Medicine. 2017; 195() . doi: 10.1164/ajrccm-conference.2017.A66	reported in abstract only
Oosthuizen 2013	Oosthuizen, J. C.; Fenton, J.; Adelola, O. Buteyko breathing technique-evaluation of nasal response by acoustic rhinometry. Irish Journal of Medical Science. 2013; 182(SUPPL. 2) S39. doi: https://dx.doi.org/10.1007/s11845-013-0908-z	reported in abstract only
Venugopal 2012	Venugopal, K.; Sreelatha, P. R.; Nisha, R. S. Complementary and alternative therapy in bronchial asthma -A study from India. European Respiratory Journal. 2012; 40(SUPPL. 56) . doi:	reported in abstract only
Jemima 2019	Jemima J, Nirmala M, Jayasudha A. Effectiveness of Buteyko Breathing Exercise on Respiratory Outcomes among patients with Obstructive Airway Disease. Journal of Emerging Technologies and Innovative Research (JETIR). 2019; 6(6)	unable to retrieve
Kuswati 2022	Kuswati, Ani; Haryati, Welas The Effect of Buteyko Complementer Technique on Recurrence Frequency in Patients Asthma Bronchiale. ITALIENISCH. 2022; 12(2) 127-132. doi:	unable to retrieve
Mohamed 2014	Mohamed, ESHA; Serry, ZMH; El-Refay, BH; Essa, LM Buteyko Breathing Technique Versus Incentive Spirometer on Breath Holding Time after Coronary Artery Bypass Graft. Med. J. Cairo Univ. 2014; 82(1) 651-656. doi:	unable to retrieve full-text. May be the same study as Mohamed 2016.
Cowie 2006	Cowie, R. L.; Conley, D. P.; Underwood, M. F.; Reader, P. G. A randomized controlled trial of buteyko technique for asthma management. Proceedings of the American Thoracic Society. 2006; () A530. doi:	unable to retrieve; reported in abstract only. May be same study as Cowie 2008.

Appendix C4. Characteristics of ongoing and unpublished studies

IRCT20180216038748N1 **Design:** RCT **Status:** NR **Study completion:** NR	**Population:** Surgery **ICD code:** XA3B03 Coronary arteries disease (coronary artery bypass graft surgery) **No. participants:** 20 **Country:** Iran	**Butyeko:** Buteyko + respiratory physiotherapy **Inactive comparators:** respiratory physiotherapy (co-intervention) **Active comparators:**	**Outcomes:** Physiological signs & symptoms: RR, blood acidity
CTRI/2019/09/021195 **Design:** NRCT **Status:** NR **Study completion:** NR	**Population:** Chronic respiratory conditions **ICD code:** CA23 Asthma **No. participants:** 30 **Country:** India	**Butyeko:** I1. Buteyko I2. Buteyko + Senobi breathing exercises **Inactive comparators:** Senobi breathing exercises (co-intervention for I2.) **Active comparators:**	**Outcomes:** Lung function: FEV1, FEV1/FVC, PEFR
NCT04310696 **Design:** **Status:** Complete **Study completion:** Aug-19	**Population:** Chronic respiratory conditions **ICD code:** CA23 Asthma **No. participants:** 60 **Country:** Pakistan	**Butyeko:** Buteyko **Inactive comparators:** **Active comparators:** pursed lip breathing	**Outcomes:** Symptoms: asthma control (ACQ); Lung function: FEV1, FVC, PEFR
NCT05118347 **Design:** **Status:** NR **Study completion:** Mar-22	**Population:** Cancer & advanced diseases **ICD code:** 2C25 Malignant neoplasms of bronchus or lung **No. participants:** 38 **Country:**	**Butyeko:** Buteyko **Inactive comparators:** **Active comparators:** incentive spirometer	**Outcomes:** Physical function: cardiopulmonary endurance; HR-QoL: WHOQOL; Process outcomes: breath holding time

	Pakistan		
CTRI/2021/09/036932 **Design:** **Status:** NR **Study completion:** NR	**Population:** Chronic respiratory conditions **ICD code:** CA40 Pneumonia **No. participants:** 34 **Country:** India	**Butyeko:** Buteyko **Inactive comparators:** **Active comparators:** deep breathing exercises	**Outcomes:** Lung function: PEFR; Physiological signs & symptoms: HR, SpO2; Process outcomes: breath holding time
NCT05425095 **Design:** **Status:** Complete **Study completion:** Jan-23	**Population:** Surgery **ICD code:** Cardiac surgery **No. participants:** 46 **Country:** Pakistan	**Butyeko:** Buteyko **Inactive comparators:** **Active comparators:** corpse pose technique	**Outcomes:** HR-QOL: SF-36
CTRI/2022/12/048295 **Design:** **Status:** NR **Study completion:** NR	**Population:** Surgery **ICD code:** XA3B03 Coronary arteries disease (coronary artery bypass graft surgery) **No. participants:** 70 **Country:** India	**Butyeko:** Buteyko + conventional physiotherapy **Inactive comparators:** conventional physiotherapy (co-intervention) **Active comparators:**	**Outcomes:** Lung function: pulmonary function test; Process outcomes: breath holding time, chest expansion by inch tape
NCT05753293 **Design:** **Status:** Complete	**Population:** Chronic respiratory conditions **ICD code:** RA01 COVID-19 **No. participants:** 60 **Country:**	**Butyeko:** Buteyko **Inactive comparators:** **Active comparators:** Bhastrika pranayama	**Outcomes:** Function (mobility): 6-min walk test; HR-QOL: SF-36; Symptoms: dyspnoea (modified Borg scale); Sleep quality: PSQI

Study completion: Sep-22	Egypt		
NCT05947253 **Design:** **Status:** Ongoing **Study completion:** Dec-23	**Population:** Chronic respiratory conditions **ICD code:** CA22 Chronic obstructive pulmonary disease **No. participants:** 40 **Country:** Pakistan	**Butyeko:** Buteyko **Inactive comparators:** **Active comparators:** active cycle of breathing technique	**Outcomes:** Symptoms: dyspnoea (modified Borg scale); Lung function: spirometry
NCT05931952 **Design:** **Status:** completed **Study completion:** Dec-23	**Population:** Chronic respiratory conditions **ICD code:** CA23 Asthma **No. participants:** 42 **Country:** Pakistan	**Butyeko:** Buteyko **Inactive comparators:** **Active comparators:** Papworth method	**Outcomes:** HR-QOL: WHOQOL; Symptoms: asthma control (ACT); Lung function: FVC, FEV1, FEV1/FVC
CTRI/2023/01/048698 **Design:** **Status:** NR **Study completion:** NR	**Population:** **ICD code:** **No. participants:** 16 **Country:**	**Butyeko:** Buteyko **Inactive comparators:** **Active comparators:** stacked breathing	**Outcomes:** Lung function: PEFR
NCT05947227 **Design:** **Status:** ongoing	**Population:** Chronic respiratory conditions **ICD code:** CA22 Chronic obstructive pulmonary disease **No. participants:** 48	**Butyeko:** Buteyko + manual chest physical therapy **Inactive comparators:** **Active comparators:** diaphragmatic breathing technique + manual chest physical therapy and	**Outcomes:** HR-QoL: St George QoL questionnaire; Breathing & ventilation: SpO2; Physiological signs & symptoms: HR

Study completion: Nov-22	**Country:** Pakistan		
NCT02724657 **Design:** **Status:** completed **Study completion:** Jan-17	**Population:** Chronic respiratory conditions **ICD code:** CA23 Asthma (children) **No. participants:** 35 **Country:** Brazil	**Butyeko:** Butekyo (unclear if also received asthma education) **Inactive comparators:** no intervention (asthma education) **Active comparators:**	**Outcomes:** Symptoms: sleep, no. of days off school; Lung function: change in spirometry (FVC, FEV1, FEV1/FVC, FEF25-75%, PEF), Change in ventilometry (minute volume and vital capacity); Health services utilisation: no. of hospitalisations
NCT02720380 **Design:** **Status:** completed **Study completion:** Jan-17	**Population:** Chronic respiratory conditions **ICD code:** CA23 Asthma (children) **No. participants:** 32 **Country:** Brazil	**Butyeko:** Buteyko **Inactive comparators:** **Active comparators:** asthma education	**Outcomes:** Physical function (mobility): 6-min walk test; HR-QOL: PAQLQ; Symptoms: exacerbations, school absences; Health services utilisation: no. of ED visits
RBR-5hq3xh **Design:** RCT **Status:** can't determine **Study completion:** NR	**Population:** Chronic respiratory conditions **ICD code:** CA23 Asthma (children) **No. participants:** 60 **Country:** Brazil	**Butyeko:** Buteyko + pilates **Inactive comparators:** pilates (as co-intervention) **Active comparators:**	**Outcomes:** HR-QoL: PAQLQ; Sleep quality: sleep behaviour questionnaire; Symptoms: asthma control (ACQ); Lung function: FVC, FEV1, FVC/FEV1, FEF 25 maximum inspiratory pressure and maximum expiratory pressure
IRCT20160110025929N29 **Design:** RCT **Status:** NR	**Population:** Chronic respiratory conditions **ICD code:** CA23 Asthma **No. participants:** 60 **Country:**	**Butyeko:** Buteyko **Inactive comparators:** routine training **Active comparators:**	**Outcomes:** HR-QoL

Study completion: NR	Iran		
NCT05793866 **Design:** **Status:** ongoing **Study completion:** Sep-24	**Population:** Chronic respiratory conditions **ICD code:** CA23 Asthma (children) **No. participants:** 45 **Country:** Turkey	**Butyeko:** Buteyko **Inactive comparators:** usual care **Active comparators:**	**Outcomes:** HR-QoL: Scale of Quality of Life in Children with Asthma ÇAYKÖ; Symptoms: asthma control (CIAST)
CTRI/2023/09/057424 **Design:** **Status:** NR **Study completion:** NR	**Population:** Chronic respiratory conditions **ICD code:** CA22 Chronic obstructive pulmonary disease **No. participants:** 60 **Country:**	**Butyeko:** Buteyko **Inactive comparators:** no intervention **Active comparators:**	**Outcomes:** Lung function: pulmonary parameters (not futher described); Physiological signs & symptoms: metabolic paramters (not further described)
IRCT20190114042351N **Design:** RCT **Status:** recruitment complete **Study completion:** NR	**Population:** Chronic MSK conditions **ICD code:** FA70.0 Kyphosis **No. participants:** 20 **Country:** Iran	**Butyeko:** Buteyko + kyphosis correction exercises **Inactive comparators:** kyphosis correction exercises **Active comparators:**	**Outcomes:** Lung function: end tidal Co2; Physiological signs & symptoms: RR
NCT03098849 **Design:** **Status:** published 2024 https://pubmed.ncbi.nlm.nih.gov/38212823/	**Population:** Chronic respiratory conditions **ICD code:** CA23 Asthma (adults) **No. participants:** 63 **Country:**	**Butyeko:** Buteyko **Inactive comparators:** usual care **Active comparators:**	**Outcomes:** HR-QoL: AQLQ (Juniper); Symptoms: asthma control (ACQ, ARCIM questionnaire); EFMH: anxiety (STAI); Lung function: FEV1, FEV1/FVC, PEF; Breathing & ventilation: hyperventilation (Nijmegen score), end tidal CO2, multiple measures incl. SaO2, haemodynamics

	Germany		
Study completion: Oct-17			
Irct20181017041374N **Design:** RCT **Status:** recruitment complete **Study completion:** NR	**Population:** Mental disorders **ICD code:** F41.1 Generalized anxiety disorder **No. participants:** 30 **Country:** Iran	**Butyeko:** Buteyko + usual care **Inactive comparators:** usual care (medication, counselling) **Active comparators:**	**Outcomes:** EFMH: anxiety symptoms (GAD-7, BAI); Lung function: ; FEV, FVC, FEV/FVC, Breathing & ventilation: hyperventilation (Nijmegen score); end tidal CO2; Physiological signs: HR, RR