

Supplementary Table 1: Search Strategy

MEDLINE

Database: OVID Medline Epub Ahead of Print, In-Process & Other Non-Indexed Citations, Ovid MEDLINE(R) Daily and Ovid MEDLINE(R) 1946 to Present

Search Strategy:

-
- 1 (measure or measurement).mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] (1132643)
 - 2 "Quality of Life"/ (195719)
 - 3 (QALY or HRQOL or HRQL).mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] (28959)
 - 4 patient reported outcome measures/ (6171)
 - 5 Patient reported outcome*.mp. (21964)
 - 6 PROMS.mp. (2015)
 - 7 Self Report/ (32811)
 - 8 questionnaire*.mp. or exp "Surveys and Questionnaires"/ (1288591)
 - 9 (scale or scales).mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] (879118)
 - 10 measures.mp. (752006)
 - 11 assessment.mp. (1381428)
 - 12 index.mp. (1064192)
 - 13 (diary or diaries).mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] (24177)
 - 14 or/1-13 (4809120)
 - 15 Cough/ (15928)
 - 16 (cough adj5 (chronic* or persistent* or refractory)).mp. (6331)
 - 17 15 or 16 (19484)
 - 18 14 and 17 (4874)
 - 19 COPD.mp. or exp Pulmonary Disease, Chronic Obstructive/ (73349)
 - 20 exp Asthma/ or asthma.mp. (176455)
 - 21 bronchiectasis.mp. or Bronchiectasis/ (12627)
 - 22 Gastroesophageal Reflux/ (25909)
 - 23 GERD.mp. (8747)
 - 24 Respiratory Tract Diseases/ (22194)
 - 25 or/19-24 (295030)
 - 26 25 and cough.ti. (1904)
 - 27 14 and 26 (575)

28 18 or 27 (4902)
29 limit 28 to yr="2007 -Current" (3022)

EMBASE (OVID)

Database: Embase <1974 to 2020 August 20>
Search Strategy:

-
- 1 (measure or measurement).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword, floating subheading word, candidate term word] (1585118)
 - 2 "quality of life"/ (473877)
 - 3 (QALY or HRQOL or HRQL).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword, floating subheading word, candidate term word] (49704)
 - 4 patient-reported outcome/ (23682)
 - 5 Patient reported outcome*.mp. (40876)
 - 6 PROMS.mp. (3172)
 - 7 self report/ (121253)
 - 8 questionnaire*.mp. (967340)
 - 9 questionnaire/ (698105)
 - 10 (scale or scales).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword, floating subheading word, candidate term word] (1266774)
 - 11 measures.mp. (917402)
 - 12 assessment.mp. (2729948)
 - 13 index.mp. (1225948)
 - 14 (diary or diaries).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword, floating subheading word, candidate term word] (38577)
 - 15 or/1-14 (6762480)
 - 16 (cough adj5 (chronic* or persistent* or refractory)).mp. (11599)
 - 17 chronic cough/ (4133)
 - 18 16 or 17 (11599)
 - 19 15 and 18 (3898)
 - 20 COPD.mp. or chronic obstructive lung disease/ (153682)
 - 21 exp asthma/ or asthma.mp. (290806)
 - 22 bronchiectasis.mp. or bronchiectasis/ (21916)
 - 23 Gastroesophageal Reflux.mp. or gastroesophageal reflux/ (60147)
 - 24 GERD.mp. (18388)
 - 25 respiratory tract disease/ (57958)
 - 26 or/20-25 (532230)
 - 27 26 and cough.ti. (3389)
 - 28 15 and 27 (1299)
 - 29 19 or 28 (4341)
 - 30 limit 29 to yr="2007 -Current" (3384)

CINAHL (Ebsco)

#	Query Results	
S28	S18 OR S27	1,963
S27	S14 AND S26	176
S26	S24 AND S25	555
S25	TI cough*	3,418
S24	S19 OR S20 OR S21 OR S22 OR S23	79,446
S23	(MH "Respiratory Tract Diseases")	4,219
S22	(MH "Gastroesophageal Reflux") OR "GERD"	7,802
S21	(MH "Bronchiectasis") OR "bronchiectasis"	1,971
S20	(MH "Asthma+") OR "asthma"	44,584
S19	(MH "Pulmonary Disease, Chronic Obstructive") OR "COPD"	25,710
S18	S14 AND S17	1,960
S17	S15 OR S16	6,586
S16	TX (cough N5 (chronic* or persistent* or refractory))	1,753
S15	(MH "Cough")	5,737
S14	S1 OR S2 OR S3 OR S4 OR S5 OR S6 OR S7 OR S8 OR S9 OR S10 OR S11 OR S12 OR S13	1,814,773
S13	TX diary or diaries	19,561
S12	"index"	276,816
S11	"assessment"	653,257
S10	"measures"	343,398
S9	TX scale or scales	557,780
S8	(MH "Questionnaires") OR "questionnaire*"	501,631
S7	(MH "Self Report")	69,370
S6	"PROMS"	1,000
S5	TX Patient reported outcome*	11,096
S4	(MH "Patient-Reported Outcomes")	2,540
S3	TX QALY or HRQOL or HRQL	13,599
S2	(MH "Quality of Life")	111,854
S1	measure or measurement	646,905

PsycInfo (OVID)

Database: APA PsycInfo <1806 to August Week 3 2020>

Search Strategy:

-
- 1 (measure or measurement).mp. [mp=title, abstract, heading word, table of contents, key concepts, original title, tests & measures, mesh] (396852)
 - 2 exp "quality of life"/ (43380)
 - 3 (QALY or HRQOL or HRQL).mp. [mp=title, abstract, heading word, table of contents, key concepts, original title, tests & measures, mesh] (6651)
 - 4 patient reported outcome measures/ (312)
 - 5 Patient reported outcome*.mp. (3027)
 - 6 PROMS.mp. (213)
 - 7 self-report/ (17610)
 - 8 exp Questionnaires/ or questionnaire*.mp. (414670)

- 9 (scale or scales).mp. [mp=title, abstract, heading word, table of contents, key concepts, original title, tests & measures, mesh] (688234)
- 10 measures.mp. (385967)
- 11 exp Measurement/ (439807)
- 12 assessment.mp. (397089)
- 13 index.mp. (198172)
- 14 (diary or diaries).mp. [mp=title, abstract, heading word, table of contents, key concepts, original title, tests & measures, mesh] (13544)
- 15 or/1-14 (1676130)
- 16 (cough adj5 (chronic* or persistent* or refractory)).mp. (117)
- 17 COPD.mp. or exp Chronic Obstructive Pulmonary Disease/ (2129)
- 18 asthma.mp. or exp Asthma/ (8076)
- 19 bronchiectasis.mp. (33)
- 20 GERD.mp. (304)
- 21 Gastroesophageal Reflux.mp. (409)
- 22 exp Respiratory Tract Disorders/ (14824)
- 23 or/17-22 (18802)
- 24 23 and cough.ti. (69)
- 25 15 and 24 (30)
- 26 15 and 16 (48)
- 27 25 or 26 (73)

PubMed

Query

(measure or scale or index or or assessment or questionnaire) AND (((("publisher"[Filter] OR "inprocess"[Filter]) OR "pubmednotmedline"[Filter]) OR "pubstatusaheadofprint"[All Fields])) AND (cough[Title]))

Sort By

Publication Date

Search Details

((((((((((((((((((((((("measurability"[All Fields] OR "measurable"[All Fields]) OR "measurably"[All Fields]) OR "measure s"[All Fields]) OR "measureable"[All Fields]) OR "measured"[All Fields]) OR "measurement"[All Fields]) OR "measurement s"[All Fields]) OR "measurements"[All Fields]) OR "measurer"[All Fields]) OR "measurers"[All Fields]) OR "measuring"[All Fields]) OR "measureings"[All Fields]) OR "measurment"[All Fields]) OR "measurments"[All Fields]) OR "weights and measures"[MeSH Terms]) OR ("weights"[All Fields] AND "measures"[All Fields])) OR "weights and measures"[All Fields]) OR "measure"[All Fields]) OR "measures"[All Fields]) OR (((((((("scale s"[All Fields] OR "scaled"[All Fields]) OR "scaling"[All Fields]) OR "scalings"[All Fields]) OR "weights and measures"[MeSH Terms]) OR ("weights"[All Fields] AND "measures"[All Fields])) OR "weights and measures"[All Fields]) OR "scale"[All Fields]) OR "scales"[All Fields])) OR (((((((("abstracting and indexing"[MeSH Terms] OR ("abstracting"[All Fields] AND "indexing"[All Fields])) OR "abstracting and indexing"[All Fields]) OR "index"[All Fields]) OR "indexed"[All Fields]) OR "indexes"[All Fields]) OR "indexing"[All Fields]) OR

"indexation"[All Fields]) OR "indexations"[All Fields]) OR "indexe"[All Fields]) OR "indexer"[All Fields]) OR "indexers"[All Fields]) OR "indexs"[All Fields])) OR (((((((("assess"[All Fields] OR "assessed"[All Fields]) OR "assessment"[All Fields]) OR "assesses"[All Fields]) OR "assessing"[All Fields]) OR "assessment"[All Fields]) OR "assessment s"[All Fields]) OR "assessments"[All Fields])) OR (((((((("questionnaire"[All Fields] OR "questionnaire s"[All Fields]) OR "surveys and questionnaires"[MeSH Terms]) OR ("surveys"[All Fields] AND "questionnaires"[All Fields])) OR "surveys and questionnaires"[All Fields]) OR "questionnaire"[All Fields]) OR "questionnaires"[All Fields])) AND (((("publisher"[Filter] OR "inprocess"[Filter]) OR "pubmednotmedline"[Filter]) OR "pubstatusaheadofprint"[All Fields]) AND "cough"[Title])

Results

328

HaPI

Health and Psychosocial instruments database (OVID)

Search: cough

Results: 246

Supplementary Table 2: Studies excluded from qualitative synthesis at the full text review

Title	Authors	Published Year	Notes
Phenotypes and characteristics of chronic cough in a general population-the Austrian lead study	Abozid, H.; Baxter, C.; Hartl, S.; Salomonsson, S.; Breyer-Kohansal, R.; Breyer, M. K.; Ofenheimer, A.; Braun, E.; Schrott, A.; Burghuber, O. C.	2020	Exclusion reason: Conference abstract;
Prevalence and characteristics of chronic cough in a general population study	Abozid, H.; Hartl, S.; Breyer-Kohansal, R.; Breyer, M. K.; Ofenheimer, A.; Schrott, A.; Burghuber, O. C.	2019	Exclusion reason: Conference abstract;
Benign Vocal Fold Lesions in Patients with Chronic Cough	Adessa, M.; Xiao, R.; Hull, D.; Bowen, A. J.; Milstein, C. F.; Benninger, M. S.; Bryson, P. C.	2020	Exclusion reason: Does not report statements that inform items or domains of cough severity;
Heterogeneity of perception of symptoms in patients with asthma	Akihiko, Ohwada; Katsuhiko, Sato	2019	Exclusion reason: Chronic cough was undefined or not >8 weeks;
Clinical characteristics of early responder of chronic cough: Prospective, observational cohort study in Korea	An, T.; Rhee, C.; Lee, J.; Park, C.; Yoon, H.	2018	Exclusion reason: Conference abstract;
Development and validation of a laryngopharyngeal reflux questionnaire, the Pharyngeal Reflux Symptom Questionnaire	Andersson, O.; Ryden, A.; Ruth, M.; Moller, R. Y.; Finizia, C.	2010	Exclusion reason: Wrong indication;
The relationship between cough-specific quality of life and abdominal muscle endurance, fatigue, and depression in patients with COPD	Arikan, H.; Savci, S.; Calik-Kutukcu, E.; Vardar-Yagli, N.; Saglam, M.; Inal-Ince, D.; Coplu, L.	2015	Exclusion reason: Chronic cough was undefined or not >8 weeks;
Prevalence and incidence of, and risk factors for chronic	Arinze, J. T.; de Roos, E. W.; Karimi, L.; Verhamme, K. M. C.; Stricker, B. H.;	2020	Exclusion reason: Does not report statements that inform items or domains of cough

cough in the adult population: the Rotterdam Study	Brusselle, G. G.		severity;
Prevalence and incidence of chronic cough in middle-aged and older subjects: The Rotterdam Study	Arinze, J. T.; Van De Roos, E. W.; Verhamme, K. M. C.; Stricker, B.; Brusselle, G. G.	2019	Exclusion reason: Conference abstract;
Identification and definition of asthma-COPD overlap: The CanCOLD study	Barrecheguren, M.; Pinto, L.; Mostafavi-Pour-Manshadi, S. M. Y.; Tan, W. C.; Li, P. Z.; Aaron, S. D.; Benedetti, A.; Chapman, K. R.; Walker, B.; Fitzgerald, J. M.; Hernandez, P.; Maltais, F.; Marciniuk, D. D.; O'Donnell, D. E.; Sin, D. D.; Bourbeau, J.	2020	Exclusion reason: Wrong indication;
Validity and reliability of the reflux symptom index (RSI)	Belafsky, P.C.; Postma, G.N.; Koufman, J.A.	2002	Exclusion reason: Wrong indication;
The challenge of diagnosing chronic cough: A retrospective observational study in the United Kingdom	Birring, S. S.; Holden, S. E.; Jenkins-Jones, S.; Morice, A. H.; Weaver, J.; Langerman, H.; Currie, C.	2019	Exclusion reason: Conference abstract;
Cough frequency, cough sensitivity and health status in patients with chronic cough	Birring, S.S.; Matos, S.; Patel R.B.; Prudon, B.; Evans, D.H.; Pavord, I.D.	2006	Exclusion reason: Does not report statements that inform items or domains of cough severity;
Relationship between health-related quality of life and objective cough frequency in a phase 2b trial of gefapixant	Birring, S. S.; Muccino, D.; Bacci, E.; Vernon, M.; Schelfhout, J.; Nguyen, A. M.	2019	Exclusion reason: Conference abstract;
Burden of asthma, dyspnea, and chronic cough in South Asia	Bishwajit, G.; Tang, S.; Yaya, S.; Feng, Z.	2017	Exclusion reason: Does not report statements that inform items or domains of cough severity;
Typical reflux symptoms are associated with increased levels of reflux and a positive	Blondeau, K.; Lenglinger, J.; Hadrich, M.; Tack, J. F.; Tutuian, R.	2012	Exclusion reason: Conference abstract;

symptom association in patients with cough			
[Urinary incontinence due to chronic cough in interstitial lung disease]	Bradaia, F.; Lazor, R.; Khouatra, C.; Poissonnier, L.; Cottin, V.; Cordier, J. F.	2009	Exclusion reason: Chronic cough was undefined or not >8 weeks;
The relationship between asthma control and quality-of-life impairment due to chronic cough: a real-life study	Braido, F.; Baiardini, I.; Balestracci, S.; Fassio, O.; Ravera, S.; Bellotti, M.; Canonica, G. W.	2008	Exclusion reason: Chronic cough was undefined or not >8 weeks;
Cough and sputum production are associated with frequent exacerbations and hospitalizations in COPD subjects	Burgel, P. R.; Nesme-Meyer, P.; Chanez, P.; Caillaud, D.; Carre, P.; Perez, T.; Roche, N.; Initiatives Bronchopneumopathie Chronique Obstructive Scientific, Committee	2009	Exclusion reason: Does not report statements that inform items or domains of cough severity;
Chronic respiratory diseases and quality of life in elderly nursing home residents	Carreiro-Martins, P.; Gomes-Belo, J.; Papoila, A. L.; Caires, I.; Palmeiro, T.; Gaspar-Marques, J.; Leiria-Pinto, P.; Mendes, A. S.; Paulo-Teixeira, J.; Botelho, M. A.; Neuparth, N.	2016	Exclusion reason: Chronic cough was undefined or not >8 weeks;
Chronic cough and phlegm in young adults	Cerveri, I.; Accordini, S.; Corsico, A.; Zoia, M.C.; Carrozzi, L.; Cazzoletti, L.; Beccaria, M.; Marinoni, A.; Viegi, G.; De Marco, R.	2003	Exclusion reason: Does not report statements that inform items or domains of cough severity;
Evaluation of vocal performance questionnaire in people with chronic refractory cough	Chamberlain, S.; Birring, S.; Clark, L.; Douiri, A.; Garrod, R.	2013	Exclusion reason: Conference abstract;
The impact of chronic cough: A European perspective	Chamberlain, S.; Masefield, S.; Powell, P.; Douiri, A.; Garrod, R.; Morice, A.; Birring, S.	2013	Exclusion reason: Conference abstract;
Severity, predictors, and impact of cough in idiopathic pulmonary fibrosis and systemic sclerosis-associated	Cheng, J.; Wilcox, P. J.; Corte, T. J.; Murphy, D.; Hague, C. J.; Ryerson, C. J.	2017	Exclusion reason: Conference abstract;

interstitial lung disease			
The value of a symptom cluster of fatigue, dyspnea, and cough in predicting clinical outcomes in lung cancer survivors	Cheville, A. L.; Novotny, P. J.; Sloan, J. A.; Basford, J. R.; Wampfler, J. A.; Garces, Y. I.; Jatoi, A.; Yang, P.	2011	Exclusion reason: Wrong indication;
Prevalence of respiratory disease and associated factors in an urban area of delhi	Chhabra, P.; Sharma, G.; Kannan, A. T.	2008	Exclusion reason: Does not report statements that inform items or domains of cough severity;
Urinary incontinence in chronic cough	Cho, P. S. P.; Dicpinigaitis, P. V.; Fletcher, H. V.; Turner, R. D.; Birring, S. S.	2019	Exclusion reason: Conference abstract;
The Burden of Cough and Phlegm in People With COPD: A COPD Patient-Powered Research Network Study	Choate, R.; Pasquale, C. B.; Parada, N. A.; Prieto-Centurion, V.; Mularski, R. A.; Yawn, B. P.	2020	Exclusion reason: Wrong indication;
Promis-29 scores associated with longitudinal changes in cough and phlegm severity in patients with copd within the chronic obstructive pulmonary disease patient-powered research network (copd pprn)	Choate, R.; Pasquale, C. B.; Parada, N. A.; Prieto-Centurion, V.; Yawn, B. P.	2019	Exclusion reason: Conference abstract;
Chronic cough and cough hypersensitivity syndrome	Chung, K. F.; McGarvey, L.; Mazzone, S.	2016	Exclusion reason: Wrong study design;
Measurement properties of an asthma symptom and rescue medication use diary	Clark, M.; Martin, S.; Svedsater, H.; Dale, P.; Jacques, L.	2015	Exclusion reason: Wrong indication;
Sleep Disturbance and Fatigue as Consequences of Cough and Mucus Production in Chronic Obstructive Pulmonary Disease: Insights from a Patient Online	Cook, N. S.; Gey, J.; Oezel, B.; Mackay, A. J.; Kumari, C.; Kaur, V. P.; Larkin, N.; Harte, J.; Vergara Muro, S.; Gutzwiller, F.	2018	Exclusion reason: Conference abstract;

Bulletin Board Study			
Impact of cough and mucus on COPD patients: primary insights from an exploratory study with an Online Patient Community	Cook, N.; Gey, J.; Oezel, B.; Mackay, A. J.; Kumari, C.; Kaur, V. P.; Larkin, N.; Harte, J.; Vergara-Muro, S.; Gutzwiller, F. S.	2019	Exclusion reason: Chronic cough was undefined or not >8 weeks;
Self-reported symptoms of chronic cough and breathlessness in working age men in the city of Izhevsk, Russia: Associations with cardiovascular disease risk factors and comorbidities	Cook, S.; Quint, J. K.; Vasiljev, M.; Leon, D. A.	2015	Exclusion reason: Does not report statements that inform items or domains of cough severity;
Chronic cough as the sole presenting manifestation of bronchial asthma	Corrao, W.M.; Braman, S.S.; Irwin, R.S.	1979	Exclusion reason: Does not report statements that inform items or domains of cough severity;
Urinary incontinence in adult patients with cystic fibrosis: Prevalence, impact on daily life and relationship with chronic cough	Crisafulli, E.; Faverzani, S.; Scandolo, P.; Longo, F.; Chetta, A. A.; Pisi, G.	2018	Exclusion reason: Conference abstract;
Persistent cough and sputum: prevalence and clinical characteristics in south east England	Cullinan, P.	1992	Exclusion reason: Does not report statements that inform items or domains of cough severity;
Upper airway disorders in patients with upper airway cough syndrome	Dabrowska, M.; Arcimowicz, M.; Grabczak, E. M.; Truba, O.; Rybka, A.; Bialek-Gosk, K.; Krenke, R.	2020	Exclusion reason: Conference abstract;
Impact of chronic cough in individuals with COPD: A population-based cohort study	Dahl, M.; Landt, E.; Colak, Y.; Lange, P.; Laursen, L.; Nordestgaard, B.	2019	Exclusion reason: Conference abstract;
Cough: impact, beliefs, and expectations from a national survey	Dal Negro, R. W.; Mazzolini, M.; Turco, P.; Zanasi, A.	2016	Exclusion reason: Wrong indication;

Incidence of chronic obstructive pulmonary disease in a cohort of young adults according to the presence of chronic cough and phlegm	de Marco, R.; Accordini, S.; Cerveri, I.; Corsico, A.; AntÃ³n, J. M.; KÃ¼nzli, N.; Janson, C.; Sunyer, J.; Jarvis, D.; Chinn, S.; Vermeire, P.; Svanes, C.; Ackermann-Liebrich, U.; Gislason, T.; Heinrich, J.; Leynaert, B.; Neukirch, F.; Schouten, J. P.; Wjst, M.; Burney, P.	2007	Exclusion reason: Does not report statements that inform items or domains of cough severity;
Chronic cough: how do cough reflex sensitivity and subjective assessments correlate with objective cough counts during ambulatory monitoring?	Decalmer, S. C.; Webster, D.; Kelsall, A. A.; McGuinness, K.; Woodcock, A. A.; Smith, J. A.	2007	Exclusion reason: Does not report statements that inform items or domains of cough severity;
Chronic cough: relationship between microaspiration, gastroesophageal reflux, and cough frequency	Decalmer, S.; Stovold, R.; Houghton, L. A.; Pearson, J.; Ward, C.; Kelsall, A.; Jones, H.; McGuinness, K.; Woodcock, A.; Smith, J. A.	2012	Exclusion reason: Does not report statements that inform items or domains of cough severity;
Impact of current cough on health-related quality of life in patients with COPD	Deslee, G.; Burgel, P. R.; Escamilla, R.; Chanez, P.; Court-Fortune, I.; Nesme-Meyer, P.; Brinchault-Rabin, G.; Perez, T.; Jebrak, G.; Caillaud, D.; Paillasseur, J. L.; Roche, N.	2016	Exclusion reason: Wrong indication;
Cough is an independent contributor to health-related quality of life impairment in COPD	Deslee, G.; Burgel, P. R.; Escamilla, R.; Chanez, P.; Court-Fortune, I.; Nesme-Meyer, P.; Brinchault-Rabin, G.; Perez, T.; Gebrak, G.; Caillaud, D.; Paillasseur, J. L.; Roche, N.	2015	Exclusion reason: Conference abstract;
The online Cough Clinic: developing guideline-based diagnosis and advice	Dettmar, P. W.; Strugala, V.; Fathi, H.; Dettmar, H. J.; Wright, C.; Morice, A. H.	2009	Exclusion reason: Does not report statements that inform items or domains of cough severity;
Gastroesophageal reflux disease associates more with	DeVault, K.; Smith, J.; Lee, A.; Achem, S.; Houghton, L.	2011	Exclusion reason: Conference abstract;

cough than hoarseness in subjects aged over 65 years			
Prevalence of Urinary Incontinence in Women with Chronic Cough	Dicpinigaitis, P.	2019	Exclusion reason: Conference abstract;
Thoughts on one thousand chronic cough patients	Dicpinigaitis, P. V.	2012	Exclusion reason: Wrong study design;
Prevalence of depressive symptoms among patients with chronic cough	Dicpinigaitis, P. V.; Tso, R.; Banauch, G.	2006	Exclusion reason: Does not report statements that inform items or domains of cough severity;
A cross-sectional assessment of the burden of COPD symptoms in the US and Europe using the National Health and Wellness Survey	Ding, B.; DiBonaventura, M.; Karlsson, N.; Bergstrom, G.; Holmgren, U.	2017	Exclusion reason: Wrong indication;
Symptoms of autonomic dysfunction in chronic cough patients	Dockry, R.; Gibbard, C.; Mitchell, J.; Corfield, D.; Smith, J.	2016	Exclusion reason: Conference abstract;
High prevalence of urinary incontinence in adult patients with bronchiectasis	Duignan, N.; McDonnell, M. J.; Mokoka, M. C.; Rutherford, R. M.	2014	Exclusion reason: Conference abstract;
Characterization of urge to cough and cough symptoms associated with the common cold: results of a US internet survey	Eccles, R.; Dicpinigaitis, P.; Turner, R. B.; Druce, H. M.; Adeleke, M.; Mann, A. L.	2016	Exclusion reason: Wrong indication;
Variability of respiratory symptoms in severe COPD	Espinosa de los Monteros, M. J.; Pena, C.; Soto Hurtado, E. J.; Jareno, J.; Miravittles, M.	2012	Exclusion reason: Wrong indication;
Opinions on the definition of chronic cough and current treatment pathways: An international qualitative study	Faruqi, S.; Murdoch, R.; Morice, A. H.	2014	Exclusion reason: Conference abstract;
Chronic cough is a	Field, S. K.; Conley, D. P.;	2009	Exclusion reason:

woman's issue	Thawer, A. M.; Leigh, R.; Cowie, R. L.		Conference abstract;
The combined cough frequency/severity scoring: a new approach to cough evaluation in clinical settings	Fisman, E.Z.; Shapira, I.; Motro, M.; Pines, A.; Tenenbaum, A.	2001	Exclusion reason: Wrong study design;
Chronic cough: Objective cough frequency in a large cough clinic cohort	Fletcher, H.; Cho, P. S. P.; Matos, S.; Wood, C.; Fleming, T.; Turner, R.; Birring, S.	2017	Exclusion reason: Conference abstract;
A comparison of gender differences in health-related quality of life in acute and chronic coughers	French, C. T.; Fletcher, K. E.; Irwin, R. S.	2005	Exclusion reason: Post hoc analysis of an included study;
Gender differences in health-related quality of life in patients complaining of chronic cough	French, C. T.; Fletcher, K. E.; Irwin, R. S.; French, Cynthia T.; Fletcher, Kenneth E.; Irwin, Richard S.	2004	Exclusion reason: Post hoc analysis of an included study;
Evaluation of a cough-specific quality-of-life questionnaire	French, C. T.; Irwin, R. S.; Fletcher, K. E.; Adams, T. M.; French, Cynthia T.; Irwin, Richard S.; Fletcher, Kenneth E.; Adams, Todd M.	2002	Exclusion reason: Study reports duplicate items with an included study (French, 1998) *This study was included narratively
Clinical Characteristics of Cough Frequency Patterns in Patients with and without Asthma	Fukuhara, A.; Saito, J.; Birring, S. S.; Sato, S.; Uematsu, M.; Suzuki, Y.; Rikimaru, M.; Watanabe, N.; Saito, M.; Kawamata, T.; Umeda, T.; Togawa, R.; Sato, Y.; Koizumi, T.; Hirai, K.; Minemura, H.; Nikaido, T.; Kanazawa, K.; Tanino, Y.; Munakata, M.; Shibata, Y.	2020	Exclusion reason: Chronic cough was undefined or not >8 weeks;
Does The Impact Of Cough On Quality Of Life In Bronchiectasis Depend On Prognosis?	Giron Moreno, R. M.; Sanchez Azofra, A.; Aldave Orzaiz, B.; Pastor Sanz, M. T.; Ancochea, J.	2018	Exclusion reason: Wrong study design;
Respiratory symptoms and nocturnal	Gislason, T.; Janson, C.; Vermeire, P.; Plaschke, P.;	2002	Exclusion reason: Chronic cough was undefined or not

gastroesophageal reflux: a population-based study of young adults in three European countries	Björnsön, E.; Gislason, D.; Boman, G.; Gislason, Thorarinn; Janson, Christer; Vermeire, Paul; Plaschke, Peter; Björnsön, Eythor; Gislason, David; Boman, Gunnar		>8 weeks;
Health-related quality of life in idiopathic pulmonary fibrosis: Data from the Australian IPF Registry	Glaspole, I. N.; Chapman, S. A.; Cooper, W. A.; Ellis, S. J.; Goh, N. S.; Hopkins, P. M.; Macansh, S.; Mahar, A.; Moodley, Y. P.; Paul, E.; Reynolds, P. N.; Walters, E. H.; Zappala, C. J.; Corte, T. J.	2017	Exclusion reason: Wrong indication;
Symptoms and markers of symptom severity in asthma--content validity of the asthma symptom diary	Globe, G.; Martin, M.; Schatz, M.; Wiklund, I.; Lin, J.; von Maltzahn, R.; Mattera, M. S.	2015	Exclusion reason: Wrong indication;
Gastroesophageal reflux symptoms in patients with chronic obstructive pulmonary disease	Goseva, Z.; Gjorcev, A.; Jovanovska-Janeva, E.; Arbutina, S.	2014	Exclusion reason: Wrong indication;
Patient-reported respiratory symptoms in cystic fibrosis	Goss, C. H.; Edwards, T. C.; Ramsey, B. W.; Aitken, M. L.; Patrick, D. L.	2009	Exclusion reason: Wrong indication;
Analysis of factors associated with the frequency of exacerbations in chronic cough	Gotera, C.; Mohremberger, C. J.; Pacheco, A.	2014	Exclusion reason: Conference abstract;
Are chronic cough and laryngopharyngeal reflux more common in obstructive sleep apnea patients?	Gouveia, C. J.; Yalamanchili, A.; Ghadersohi, S.; Price, C. P. E.; Bove, M.; Attarian, H. P.; Tan, B. K.	2019	Exclusion reason: Chronic cough was undefined or not >8 weeks;
Prevalence of inducible laryngeal obstruction (ILO) in unexplained chronic cough (UCC)	Gray, S.; Slinger, C.; Blakemore, J.; Marsden, P.	2018	Exclusion reason: Conference abstract;
Content validity of CASA-Q cough domains and UCSD-	Gries, K. S.; Esser, D.; Wiklund, I.	2013	Exclusion reason: Wrong indication;

SOBQ for use in patients with Idiopathic Pulmonary Fibrosis			
[Control of Respiratory Symptoms During Sleep in Patients with Stable Bronchial Asthma]	Guenter, K.; Cassel, W.; Hildebrandt, O.; Kroenig, J.; Fischer, P.; Weissflog, A.; Vogelmeier, C.; Koehler, U.	2018	Exclusion reason: Chronic cough was undefined or not >8 weeks;
[Management of chronic cough in France: A survey of clinical practice]	Guilleminault, L.; Brouquieres, D.; Messekher, M.; Dalphin, J. C.; Didier, A.; Escamilla, R.	2019	Exclusion reason: Does not report statements that inform items or domains of cough severity;
Cough in Patients With Lung Cancer: A Longitudinal Observational Study of Characterization and Clinical Associations	Harle, A. S. M.; Blackhall, F. H.; Molassiotis, A.; Yorke, J.; Dockry, R.; Holt, K. J.; Yuill, D.; Baker, K.; Smith, J. A.	2019	Exclusion reason: Wrong indication;
The "Clic" cough in lung cancer study: The characterisation of cough in lung cancer	Harle, A. S. M.; Molassiotis, A.; Smith, J.; Blackhall, F.	2013	Exclusion reason: Wrong indication;
A cross sectional study to determine the prevalence of cough and its impact in patients with lung cancer: a patient unmet need	Harle, A.; Molassiotis, A.; Buffin, O.; Burnham, J.; Smith, J.; Yorke, J.; Blackhall, F. H.	2020	Exclusion reason: Wrong indication;
Chronic idiopathic cough: a discrete clinical entity?	Haque, R. A.; Usmani, O. S.; Barnes, P. J.	2005	Exclusion reason: Does not report statements that inform items or domains of cough severity;
Cough and phlegm are important predictors of health status in smokers without COPD	Heijdra, Y. F.; Pinto-Plata, V. M.; Kenney, L. A.; Rassulo, J.; Celli, B. R.; Heijdra, Yvonne F.; Pinto-Plata, Victor M.; Kenney, Lawrence A.; Rassulo, John; Celli, Bartolome R.	2002	Exclusion reason: Wrong indication;
Exacerbation of daily cough and allergic symptoms in adult patients with chronic cough by Asian dust:	Higashi, T.; Kambayashi, Y.; Ohkura, N.; Fujimura, M.; Nakanishi, S.; Yoshizaki, T.; Saijoh, K.; Hayakawa, K.; Kobayashi,	2014	Exclusion reason: Chronic cough was undefined or not >8 weeks;

A hospital-based study in Kanazawa	F.; Michigami, Y.; Hitomi, Y.; Nakamura, H.		
High prevalence and impact of gerd in patients with persistent cough: An experience from a specialist clinic in Japan	Hijkata, H.; Takemura, M.; Asano, T.; Ichikawa, H.; Niimi, A.	2014	Exclusion reason: Conference abstract;
Health-seeking behaviour among adults with prolonged cough in Vietnam	Hoa, N. B.; Tiemersma, E. W.; Sy, D. N.; Nhung, N. V.; Vree, M.; Borgdorff, M. W.; Cobelens, F. G.	2011	Exclusion reason: Wrong indication;
When is a Cough Just a Cough? The Issue of Quality of Life and Its Assessment	Hollenberg, N. K.	1994	Exclusion reason: Wrong study design;
The association of cough-related quality-of-life, cough symptom scores and cough reflex sensitivity with markers of disease control in severe asthma	Holmes, J.; Heaney, L.; Birring, S.; McGarvey, L.	2018	Exclusion reason: Conference abstract;
Longitudinal studies of cough in idiopathic pulmonary fibrosis	Hope-Gill, B.; Kilduff, C.; Harrison, N. K.	2012	Exclusion reason: Conference abstract;
Cough-specific quality of life: Relationship to gastroesophageal reflux in patients with chronic cough	Houghton, L.; Lee, A.; Bansal, V.; Mangi, M. A.; Devault, K.	2015	Exclusion reason: Conference abstract;
Impact of cough and urinary incontinence on quality of life in women and men with chronic obstructive pulmonary disease	Hrisanfow, E.; Hagglund, D.	2013	Exclusion reason: Wrong indication;
The modified Medical Research Council dyspnoea scale is a good indicator of health-related quality of life in patients with chronic obstructive pulmonary disease	Hsu, K. Y.; Lin, J. R.; Lin, M. S.; Chen, W.; Chen, Y. J.; Yan, Y. H.	2013	Exclusion reason: Wrong indication;

An evaluation of a throat discomfort visual analogue scale in chronic cough	Hull, J. H.; Walsted, E. S.; Pavitt, M. J.; Tidmarsh, B.; Selby, J.	2020	Exclusion reason: Wrong study design;
Psychological profile of individuals presenting with chronic cough	Hulme, K.; Deary, V.; Dogan, S.; Parker, S. M.	2017	Exclusion reason: Does not report statements that inform items or domains of cough severity;
Chronic persistent cough and clearance of esophageal acid	Ing, A.J.; Ngu, M.C.; Breslin, A.B.	1992	Exclusion reason: Does not report statements that inform items or domains of cough severity;
Pathogenesis of chronic persistent cough associated with gastroesophageal reflux	Ing, A.J.; Ngu, M.C.; Breslin, A.B.	1994	Exclusion reason: Does not report statements that inform items or domains of cough severity;
Chronic persistent cough in the adult: the spectrum and frequency of causes and successful outcome of specific therapy	Irwin, R.S.; Corrao, W.M.; Pratter, M.R.	1981	Exclusion reason: Does not report statements that inform items or domains of cough severity;
Interpreting the histopathology of chronic cough: a prospective, controlled, comparative study	Irwin, R.S.; Ownbey, R.; Cagle, P.T.; Baker, S.; Fraire, A.E.	2006	Exclusion reason: Does not report statements that inform items or domains of cough severity;
Interstitial lung disease patient-reported cough management strategies: Don't move, don't talk	Jacobs, S. S.; Swigris, J. J.; Rosen, G.	2014	Exclusion reason: Conference abstract;
Determinants of cough in young adults participating in the European Community Respiratory Health Survey	Janson, C.; Chinn, S.; Jarvis, D.; Burney, P.	2001	Exclusion reason: Does not report statements that inform items or domains of cough severity;
Development and first validation of the cough assessment test (COAT)	Jang, S. H.; Kim, J. H.; Koo, H. K.; Jeong, I.; Park, S. Y.; Kim, D. G.; Rhee, C. K.; Kim, Y. H.; Kim, S. K.; Choi, E. Y.; Moon, J. Y.;	2017	Exclusion reason: Conference abstract;

	Shin, J. W.; Kim, J. W.; Min, K. H.; Kim, D. K.; Lee, H.; Yoon, H. K.; Kim, H. J.		
The impact of COPD on health status: findings from the BOLD study	Janson, C.; Marks, G.; Buist, S.; Gnatiuc, L.; Gislason, T.; McBurnie, M. A.; Nielsen, R.; Studnicka, M.; Toelle, B.; Benediktsdottir, B.; Burney, P.	2013	Exclusion reason: Wrong indication;
Prevalence of chronic cough and rural-urban differences in risk factors associated with chronic cough in india	Jarhyan, P.; Ghosh, S.; Hutchinson, A.; Venkateshmurthy, N. S.; Khatkar, R.; Gummudi, B.; Prabhakaran, D.; Mohan, S.	2017	Exclusion reason: Conference abstract;
Clinical course of laryngo-respiratory symptoms in gastro-oesophageal reflux disease during routine care--a 5-year follow-up	Jaspersen, D.; Nocon, M.; Labenz, J.; Leodolter, A.; Richter, K.; Stolte, M.; Vieth, M.; Lind, T.; Willich, S. N.; Malfertheiner, P.	2009	Exclusion reason: Wrong indication;
Clinical course of extra-esophageal disorders in gastroesophageal reflux disease during routine care: A 5-year follow-up study	Jaspersen, D.; Nocon, M.; Labenz, J.; Leodolter, A.; Richter, K.; Stolte, M.; Vieth, M.; Lind, T.; Willich, S. N.; Malfertheiner, P.	2009	Exclusion reason: Conference abstract;
Correlation between chronic cough and chronic rhinosinusitis in adults: Nationwide, population-based, and cross-sectional study	Jeon, S.; Joo, Y.; Kim, S.; Cho, H.	2017	Exclusion reason: Conference abstract;
Induced sputum concentrations of mucin in patients with asthma and chronic cough	Jinnai, M.; Niimi, A.; Ueda, T.; Matsuoka, H.; Takemura, M.; Yamaguchi, M.; Otsuka, K.; Oguma, T.; Takeda, T.; Ito, I.; Matsumoto, H.; Mishima, M.	2010	Exclusion reason: Does not report statements that inform items or domains of cough severity;
A self-complete measure of health status for chronic airflow limitation	Jones, P.W.; Quirk, F.H.; Baveystock, C.M.; Littlejohns, P.	1992	Exclusion reason: Wrong indication;

Clinical characteristics of chronic cough: Adult chronic cough cohort study of South Korea	Joon, A. T.; Rhee, C. K.; Lee, J. M.; Yoon, H. K.	2018	Exclusion reason: Conference abstract;
The Assessment of Cough in a Sarcoidosis Clinic Using a Validated instrument and a Visual Analog Scale	Judson, M. A.; Chopra, A.; Conuel, E.; Koutroumpakis, E.; Schafer, C.; Austin, A.; Zhang, R.; Cao, K.; Berry, R.; Khan, Mmhs; Modi, A.; Modi, R.; Jou, S.; Ilyas, F.; Yucel, R. M.	2017	Exclusion reason: Chronic cough was undefined or not >8 weeks;
Prevalence of urinary incontinence in older Turkish women, risk factors, and effect on activities of daily living	KaÄŸÄ±kÄŸÄ±, MaÄŸfiret; KÄ±lÄ±ÄŸ, Dilek; AvÄŸar, GÄŸlÄŸin; Äžirin, Meltem	2015	Exclusion reason: Wrong indication;
Evaluation and impact of chronic cough: comparison of specific vs generic quality-of-life questionnaires	Kalpaklioglu, A. F.; Kara, T.; Kurtipek, E.; Kocyigit, P.; Ekici, A.; Eciki, M.	2005	Exclusion reason: Does not report statements that inform items or domains of cough severity;
Cough related to swallowing in asthma patients	Kamimura, M.; Mouri, A.; Takayama, K.; Mizutani, T.; Hamamoto, Y.; Iikura, M.; Furihata, K.	2019	Exclusion reason: Chronic cough was undefined or not >8 weeks;
Clinical impact of gastroesophageal reflux disease in patients with subacute/chronic cough	Kanemitsu, Y.; Kurokawa, R.; Takeda, N.; Takemura, M.; Fukumitsu, K.; Asano, T.; Yap, J.; Suzuki, M.; Fukuda, S.; Ohkubo, H.; Maeno, K.; Ito, Y.; Oguri, T.; Niimi, A.	2019	Exclusion reason: Chronic cough was undefined or not >8 weeks;
Gastroesophageal dysmotility is associated with the impairment of cough-specific quality of life in patients with cough variant asthma	Kanemitsu, Y.; Niimi, A.; Matsumoto, H.; Iwata, T.; Ito, I.; Oguma, T.; Inoue, H.; Tajiri, T.; Nagasaki, T.; Izuhara, Y.; Petrova, G.; Birring, S. S.; Mishima, M.	2016	Exclusion reason: Does not report statements that inform items or domains of cough severity;
Epidemiology of chronic cough in Korea: A nationwide database analysis (2010-2012)	Kang, M. G.; Song, W. J.; Chang, Y. S.; Kim, S. S.; Kim, M. K.; Chang, S. I.; Min, K. U.; Cho, S. H.	2015	Exclusion reason: Conference abstract;

Point prevalence and epidemiological characteristics of chronic cough in the general adult population: The Korean National Health and Nutrition Examination Survey 2010-2012	Kang, M. G.; Song, W. J.; Kim, H. J.; Won, H. K.; Sohn, K. H.; Kang, S. Y.; Jo, E. J.; Kim, M. H.; Kim, S. H.; Park, H. W.; Chang, Y. S.; Lee, B. J.; Morice, A. H.; Cho, S. H.	2017	Exclusion reason: Does not report statements that inform items or domains of cough severity;
Cough in the elderly community population: A cross-sectional analysis of risk factors and its impacts on quality of life	Kang, M. G.; Song, W. J.; Kim, M. H.; Kim, M. Y.; Lee, S. E.; Cho, E. J.; Kim, S. H.; Kang, H. R.; Jang, H. C.; Kim, K. W.; Cho, S. H.; Min, K. U.; Chang, Y. S.	2013	Exclusion reason: Conference abstract;
Which Drives Chronicity of Cough in Adults: Based on the Knhanes 2010-2012	Kang, M.; Cho, B. H.; Park, H. K.; Kim, K. M.; Park, C. H.; Park, H. W.; Chang, Y. S.; Song, S. H.; Kim, M. K.; Cho, S. H.; Chang, S. I.; Min, K. U.; Morice, A.	2016	Exclusion reason: Conference abstract;
Cough persistence in adults with chronic cough: A 4-year retrospective cohort study	Kang, S. Y.; Song, W. J.; Won, H. K.; Chung, S. J.; Kim, J. Y.; Park, H. W.; Morice, A. H.; Cho, S. H.	2020	Exclusion reason: Does not report statements that inform items or domains of cough severity;
Frequent exacerbations of COPD are associated with severity of airflow limitation and chronic cough, sputum production	Karim, K.; Taright, S.; Fissah, A.	2019	Exclusion reason: Conference abstract;
Measurement of gastric emptying in gastroesophageal reflux-related chronic cough	Kastelik, Jack A.; Jackson, Warren; Davies, Trevor W.; Wright, Graham A.; Redington, Anthony E.; Wedgwood, Kevin R.; Morice, Alyn H.	2002	Exclusion reason: Does not report statements that inform items or domains of cough severity;
Development of a useful diagnostic scoring system for asthma in patients with subacute or chronic cough	Katayama, Y.; Marumo, S.; Amimono, H.; Shiraishi, Y.; Yamaki, H.; Takashima, R.; Kotani, A.; Shirata, M.; Shima, H.; Kawashima, S.; Kitajima, T.; Inoue, D.	2016	Exclusion reason: Conference abstract;

	Itotani, R.; Sakuramoto, M.; Fukui, M.		
The challenges of living with severe asthma in Europe	Katsaounou, P.; Conde, L. G.; Kroegel, C.; Gore, R.; Menzella, F.; Quirce, S.; Morais-Almeida, M.; Gasser, M.; Kasujee, I.	2017	Exclusion reason: Conference abstract;
Still fighting for breath: A patient survey of the challenges and impact of severe asthma	Katsaounou, P.; Odemyr, M.; Spranger, O.; Hyland, M. E.; Kroegel, C.; Conde, L. G.; Gore, R.; Menzella, F.; Ribas, C. D.; Morais-Almeida, M.; Gasser, M.; Kasujee, I.	2018	Exclusion reason: Wrong indication;
Prevalence of chronic cough in a population based survey	Kaushik, N.; Smith, J.; Linehan, M.; Frank, T.	2015	Exclusion reason: Conference abstract;
Sex differences and predictors of objective cough frequency in chronic cough	Kelsall, A.; Decalmer, S.; McGuinness, K.; Woodcock, A.; Smith, J. A.	2009	Exclusion reason: Does not report statements that inform items or domains of cough severity;
Objective cough frequency in Idiopathic Pulmonary Fibrosis	Key, A. L.; Holt, K.; Hamilton, A.; Smith, J. A.; Earis, J. E.	2010	Exclusion reason: Wrong indication;
Objective cough count in bronchiectasis patients is reproducible and relates to quality of life	Key, A.; Holt, K.; Smith, J.; Walker, P.	2019	Exclusion reason: Conference abstract;
Evaluation of balance, depression, cough strength and life quality according to COPD	Kilinc, M.; Yilmaz, A.; Altinisik, G.; Metin, M.; Ugurlu, E.; Atalay, O. T.	2019	Exclusion reason: Conference abstract;
Chronic cough is associated with depressive mood in general population and COPD; analysis of data from Korean national health and nutrition examination survey from 2014 and 2016	Kim, H. C.; Kim, J. Y.; Kim, T. H.	2019	Exclusion reason: Conference abstract;
Chronic Cough Is Associated with	Kim, H. C.; Kim, J. Y.; Kim, T. H.	2019	Exclusion reason: Conference abstract;

Depressive Mood in General Population and Copd Patients: Analysis of Data from Korean National Health and Nutrition Examination Survey from 2014 and 2016			
Chronic cough is associated with depressive mood in general population and COPD; Analysis of data from Korean National Health and	Kim, H. C.; Kim, J. Y.; Kim, T. H. K.	2019	Exclusion reason: Conference abstract;
Prevalence of chronic cough and possible causes in the general population based on the Korean National Health and Nutrition Examination Survey	Koo, H. K.; Jeong, I.; Lee, S. W.; Park, J.; Kim, J. H.; Park, S. Y.; Park, H. Y.; Rhee, C. K.; Kim, Y. H.; Jung, J. Y.; Kim, S. K.; Choi, E. Y.; Moon, J. Y.; Shin, J. W.; Kim, J. W.; Min, K. H.; Kim, S. W.; Yoo, K. H.; Jang, S. H.; Yoon, H. K.; Kim, H. J.; Jung, K. S.; Kim, D. K.	2016	Exclusion reason: Does not report statements that inform items or domains of cough severity;
Different phenotypes and severity according to different causes of chronic cough	Koo, H.; Kang, H.; Park, H.; Park, S.; Lee, S.; Kim, D.	2019	Exclusion reason: Conference abstract;
Chronic cough as a novel phenotype of chronic obstructive pulmonary disease	Koo, H.K.; Park, S.W.; Park, J.W.; Choi, H.S.; Kim, T.H.; Yoon, H.K.; Yoo, K.H.; Jung, K.S.; Kim, D.K.	2018	Exclusion reason: Does not report statements that inform items or domains of cough severity;
Six months follow up of cough-related health status in a large population of patients from the Isala cough clinic	Kooistra, L.; Vaessen, D.; Patberg, N.; Van Den Berg, J.	2015	Exclusion reason: Conference abstract;
Long-term prognosis of chronic cough: a prospective, observational cohort study	Koskela, H. O.; Latti, A. M.; Purokivi, M. K.	2017	Exclusion reason: Does not report statements that inform items or domains of cough severity;
Cluster analysis in 975	Koskela, H. O.; Selander, T.	2020	Exclusion reason: Chronic

patients with current cough identifies a phenotype with several cough triggers, many background disorders, and low quality of life	A.; Lätti, A. M.		cough was undefined or not >8 weeks;
Cluster analysis in 975 patients with current cough	Koskela, H. O.; Selander, T.; Latti, A. M.	2020	Exclusion reason: Conference abstract;
COPD assessment test and severity of airflow limitation in patients with asthma, COPD, and asthma-COPD overlap syndrome	Kurashima, K.; Takaku, Y.; Ohta, C.; Takayanagi, N.; Yanagisawa, T.; Sugita, Y.	2016	Exclusion reason: Wrong indication;
The development of a cough hypersensitivity questionnaire (CHQ)	La-Crette, J.; Lee, K. K.; Chamberlain, S.; Saito, J.; Hull, J.; Chung, K. F.; Birring, S. S.	2012	Exclusion reason: Conference abstract;
Chinese national guidelines on diagnosis and management of cough: Consensus and controversy	Lai, K.	2014	Exclusion reason: Wrong study design;
A prospective, multicenter survey on causes of chronic cough in China	Lai, K.; Chen, R.; Lin, J.; Huang, K.; Shen, H.; Kong, L.; Zhou, X.; Luo, Z.; Yang, L.; Wen, F.; Zhong, N.	2013	Exclusion reason: Does not report statements that inform items or domains of cough severity;
The association between esophageal dysmotility and cough	Lalehzari, M.; Chaudhuri, S.; Gaeta, M.; Nguyen, M.; Ryabtsev, R.; Masoud, A.; Sanchez, M. J.	2019	Exclusion reason: Conference abstract;
Incomplete Esophageal Bolus Clearance Is Associated with Increased Cough Severity	Lalehzari, M.; Chaudhuri, S.; Nguyen, M.; Masoud, A.; Sanchez, M. J.	2019	Exclusion reason: Conference abstract;
Persistence of chronic cough in a community-based population	Latti, A. M.; Pekkanen, J.; Koskela, H. O.	2020	Exclusion reason: Study reports duplicate items with an included study;
Predictors of prolongation in recent-onset cough	Latti, A. M.; Pekkanen, J.; Koskela, H. O.	2019	Exclusion reason: Chronic cough was undefined or not >8 weeks;
The Clinical Value of Deflation Cough in Chronic Coughers	Lavorini, F.; Chellini, E.; Bigazzi, F.; Surrenti, E.; Fontana, G. A.	2016	Exclusion reason: Does not report statements that inform items or domains of cough

With Reflux Symptoms			severity;
Epidemiology, Etiology, and Clinical Impact of Chronic Cough in a Primary Care Setting: Results from a Healthcare Provider Survey	Le, A.; Prenner, B.	2019	Exclusion reason: Conference abstract;
Cough-specific quality of life: Relationship to gastroesophageal reflux in patients with chronic cough	Lee, A.; Bansal, V.; Asif Mangi, M.; DeVault, K. R.; Houghton, L. A.	2015	Exclusion reason: Conference abstract;
Different impacts of respiratory symptoms and comorbidities on COPD-specific health-related quality of life by COPD severity	Lee, H.; Jhun, B. W.; Cho, J.; Yoo, K. H.; Lee, J. H.; Kim, D. K.; Lee, J. D.; Jung, K. S.; Lee, J. Y.; Park, H. Y.	2017	Exclusion reason: Wrong indication;
Reflux episode reaching the proximal esophagus are associated with chronic cough	Lee, J. H.; Park, S. Y.; Cho, S. B.; Lee, W. S.; Park, C. H.; Koh, Y. I.; Joo, Y. E.; Kim, H. S.; Choi, S. K.; Rew, J. S.	2012	Exclusion reason: Chronic cough was undefined or not >8 weeks;
Maximum cough pressures are increased in patients with chronic cough	Lee, K. K.; Ward, K.; Rafferty, G. F.; Moxham, J.; Birring, S. S.	2011	Exclusion reason: Conference abstract;
Measuring respiratory symptoms of COPD: performance of the EXACT- Respiratory Symptoms Tool (E-RS) in three clinical trials	Leidy, N. K.; Murray, L. T.; Monz, B. U.; Nelsen, L.; Goldman, M.; Jones, P. W.; Dansie, E. J.; Sethi, S.	2014	Exclusion reason: Wrong indication;
Measuring respiratory symptoms in clinical trials of COPD: reliability and validity of a daily diary	Leidy, N. K.; Sexton, C. C.; Jones, P. W.; Notte, S. M.; Monz, B. U.; Nelsen, L.; Goldman, M.; Murray, L. T.; Sethi, S.	2014	Exclusion reason: Wrong indication;
Respiratory diseases and the impact of cough in Taiwan: Results from the APBORD	Lin, H. C.; Cho, S. H.; Ghoshal, A. G.; Muttalif, A. R.; Thanaviratnanich, S.; Bagga, S.; Faruqi, R.; Sajjan, S.; Cahill, C. L.;	2016	Exclusion reason: Chronic cough was undefined or not >8 weeks;

observational study	Hamrosi, K. K.; Wang de, Y.		
Chronic respiratory disease and mental health: The Guangzhou Biobank cohort study	Loerbroks, A.; Jiang, C. Q.; Lam, K. B. H.; Bosch, J. A.; Thomas, G. N.; Zhang, W. S.; Cheng, K. K.; Lam, T. H.; Adab, P.	2011	Exclusion reason: Conference abstract;
Psychological impact in cough hypersensitivity syndrome	Ludlow, S. F.; Haines, J.; Hope, H.; Marsden, P.; Fowler, S.	2019	Exclusion reason: Conference abstract;
Habitual coughing and its associations with asthma, anxiety, and gastroesophageal reflux	Ludviksdottir, D.; Bjornsson, E.; Janson, C.; Boman, G.; L�dv�ksd�ttir, D.; Bj�rnsson, E.	1996	Exclusion reason: Chronic cough was undefined or not >8 weeks;
Postnasal drip and chronic cough: An open interventional study	Macedo, P.; Saleh, H.; Torrego, A.; Arbery, J.; MacKay, I.; Durham, S. R.; Chung, K. F.	2009	Exclusion reason: Does not report statements that inform items or domains of cough severity;
Management of chronic cough in primary care	Mackley, R.; Schatzberger, T.; Parker, S. M.	2013	Exclusion reason: Conference abstract;
Quality of life in patients with bronchiectasis: a 2-year longitudinal study	Magge, A.; Ashraf, S.; Quittner, A. L.; Metersky, M. L.	2019	Exclusion reason: Wrong indication;
Prevalence, risk factors and clinical correlates of COPD in a rural setting in Tanzania	Magitta, N. F.; Walker, R. W.; Apte, K. K.; Shimwela, M. D.; Mwaiselage, J. D.; Sanga, A. A.; Namdeo, A. K.; Madas, S. J.; Salvi, S. S.	2018	Exclusion reason: Does not report statements that inform items or domains of cough severity;
Mixed-methods content and sentiment analysis of adolescents' voice diaries describing daily experiences with asthma and self-management decision-making	Mammen, J. R.; Java, J. J.; Rhee, H.; Butz, A. M.; Halterman, J. S.; Arcoleo, K.	2019	Exclusion reason: Pediatric population;
Prevalence of unknown asthma and COPD in people with persistent or recurrent cough	Marklund, B.; Tuns�ter, A.; Eggertsen, R.; Fridlund, B.	2006	Exclusion reason: Chronic cough was undefined or not >8 weeks;

Cough, airway inflammation and asthma control	Marsden, P. A.; Ibrahim, B.; Yates, L.; Woodcock, A.; Fowler, S. J.; Smith, J. A.	2009	Exclusion reason: Conference abstract;
Objective Cough Frequency, Airway Inflammation, and Disease Control in Asthma	Marsden, P. A.; Satia, I.; Ibrahim, B.; Woodcock, A.; Yates, L.; Donnelly, I.; Jolly, L.; Thomson, N. C.; Fowler, S. J.; Smith, J. A.	2016	Exclusion reason: Wrong indication;
A comparison of objective and subjective measures of cough in asthma	Marsden, P. A.; Smith, J. A.; Kelsall, A. A.; Owen, E.; Naylor, J. R.; Webster, D.; Sumner, H.; Alam, U.; McGuinness, K.; Woodcock, A. A.	2008	Exclusion reason: Wrong indication;
Idiopathic chronic productive cough and response to open-label macrolide therapy: An observational study	Martin, M. J.; Lee, H.; Clayton, C.; Pointon, K.; Soomro, I.; Shaw, D. E.; Harrison, T. W.	2019	Exclusion reason: Does not report statements that inform items or domains of cough severity;
Risks and Cough-Aggravating Factors in Prolonged Cough. Epidemiological Observations from the Nagahama Cohort Study	Matsumoto, H.; Izuhara, Y.; Niimi, A.; Tabara, Y.; Nagasaki, T.; Kanemitsu, Y.; Murase, K.; Oguma, T.; Ito, I.; Muro, S.; Sekine, A.; Matsuda, F.; Kosugi, S.; Nakayama, T.; Chin, K.; Mishima, M.; Nagahama Study Collaboration, Group	2017	Exclusion reason: Chronic cough was undefined or not >8 weeks;
Triggers of cough in patients with prolonged or chronic cough and their relation to pathophysiology	Matsumoto, H.; Niimi, A.; Inoue, H.; Ito, I.; Otsuka, K.; Takeda, T.; Oguma, T.; Nakaji, H.; Tajiri, T.; Iwata, T.; Jinnai, M.; Yamaguchi, M.; Mishima, M.	2011	Exclusion reason: Conference abstract;
Cough triggers and their pathophysiology in patients with prolonged or chronic cough	Matsumoto, H.; Tabuena, R. P.; Niimi, A.; Inoue, H.; Ito, I.; Yamaguchi, M.; Otsuka, K.; Takeda, T.; Oguma, T.; Nakaji, H.; Tajiri, T.; Iwata, T.; Nagasaki, T.; Jinnai, M.; Matsuoka, H.; Mishima, M.	2012	Exclusion reason: Chronic cough was undefined or not >8 weeks;
Prevalence of psych morbidity among patients with chronic cough	McGarvey, L. P.; Carton, C.; Gamble, L. A.; Heaney, L. G.; Shepherd, R.; Ennis, M.; MacMahon, J.	2006	Exclusion reason: Does not report statements that inform items or domains of cough severity;
Evaluation and	McGarvey, L.P.; Heaney,	1998	Exclusion reason: Does not

outcome of patients with chronic non-productive cough using a comprehensive diagnostic protocol	L.G.; Lawson, J.T.; Johnston, B.T.; Scally, C.M.; Ennis, M.; Shepherd, D.R.; MacMahon, J.		report statements that inform items or domains of cough severity;
Prevalence of chronic cough, patient characteristics and health outcomes among UK adults	McGarvey, L.; Morice, A.; Way, N.; Li, V.; Weaver, J.; Doshi, I.; Urdaneta, E.; Boggs, R.	2019	Exclusion reason: Conference abstract;
Prevalence and burden of chronic bronchitis symptoms: results from the BOLD study	Mejza, F.; Gnatiuc, L.; Buist, A. S.; Vollmer, W. M.; Lamprecht, B.; Obaseki, D. O.; Nastalek, P.; Nizankowska-Mogilnicka, E.; Burney, P. G. J.; collaborators, Bold; collaborators, Bold study	2017	Exclusion reason: Wrong indication;
Chronic Cough in America: Descriptive Analyses of Cough Characteristics and Diagnostic History	Meltzer, E.; Dicipinigaitis, P.; Zeiger, R.; Schatz, M.; Oppenheimer, J.; Bernstein, J.; Way, N.; Fonseca, E.; Boggs, R.; Li, V.; Schelfhout, J.	2020	Exclusion reason: Conference abstract;
Chronic Cough in America: Prevalence and Patient Characteristics	Meltzer, E.; Zeiger, R.; Schatz, M.; Dicipinigaitis, P.; Bernstein, J.; Oppenheimer, J.; Way, N.; Li, V.; Weaver, J.; Doshi, I.; Urdaneta, E.; Boggs, R.	2019	Exclusion reason: Conference abstract;
Low prevalence of extra-thoracic airway hyper-responsiveness in UK patients with chronic refractory cough	Menon, A.; Hull, J.; Chung, K. F.; Usmani, O.; Ward, S.	2015	Exclusion reason: Conference abstract;
Frequent cough in unsatisfactory controlled asthma--results from the population-based West Sweden Asthma study	Mincheva, R.; Ekerljung, L.; Bjerg, A.; Axelsson, M.; Popov, T. A.; Lundback, B.; Lotvall, J.	2014	Exclusion reason: Wrong indication;
Factors determining the quality of life of patients with COPD in primary care	Miravittles, M.; Molina, J.; Naberan, K.; Cots, J. M.; Ros, F.; Llor, C.; study, Evoca	2007	Exclusion reason: Wrong indication;

Clinical characteristics and outcome of acute exacerbation of chronic obstructive pulmonary disease	Mohammadien, H.; Ahmed, A.	2015	Exclusion reason: Conference abstract;
The Manchester cough in lung cancer scale: the development and preliminary validation of a new assessment tool	Molassiotis, A.; Ellis, J.; Wagland, R.; Williams, M. L.; Bailey, C. D.; Booton, R.; Blackhall, F.; Yorke, J.; Smith, J. A.	2013	Exclusion reason: Wrong indication;
The experience of cough in patients diagnosed with lung cancer	Molassiotis, A.; Lowe, M.; Ellis, J.; Wagland, R.; Bailey, C.; Lloyd-Williams, M.; Tishelman, C.; Smith, J.	2011	Exclusion reason: Wrong indication;
The burden of cough: A retrospective observational study in the United Kingdom	Morice, A. H.; Holden, S. E.; Jenkins-Jones, S.; Birring, S. S.; Langerman, H.; Weaver, J.; Currie, C.	2019	Exclusion reason: Conference abstract;
Expert opinion on the cough hypersensitivity syndrome in respiratory medicine	Morice, A. H.; Millqvist, E.; Belvisi, M. G.; Bieksiene, K.; Birring, S. S.; Chung, K. F.; Dal Negro, R. W.; Diczpinigaitis, P.; Kantar, A.; McGarvey, L. P.; Pacheco, A.; Sakalauskas, R.; Smith, J. A.	2014	Exclusion reason: Does not report statements that inform items or domains of cough severity;
Asthma phenotypes: do cough and wheeze predict exacerbations in persistent asthma?	Morjaria, J. B.; Rigby, A. S.; Morice, A. H.	2017	Exclusion reason: Wrong indication;
Prs37 Characteristics of Us Adults with Self-Reported Chronic Cough: 2018 Chronic Cough Survey	Morlock, R.	2019	Exclusion reason: Conference abstract;
The irritable larynx syndrome	Morrison, M.; Rammage, L.; Emami, A. J.	1999	Exclusion reason: Wrong indication;
Impact of cough and/or sputum symptoms on the burden of copd in europe and the USA: A cross-sectional, observational study	Muller, T. A.; Wiren, A.; Small, M.; Cristino, J.; Pike, J.	2009	Exclusion reason: Conference abstract;
Impact of cough and/or sputum symptoms on	Muller, T. A.; Wiren, A.; Small, M.; Cristino, J.; Pike,	2009	Exclusion reason: Conference abstract;

healthrelated quality of life in copd patients: An observational, cross-sectional study in Europe and the USA	J.		
Chronic cough, chronic phlegm and dyspnea in a large observational cohort of COPD patients	Mullerova, H.; Tal-Singer, R.; Rennard, S.; Edwards, L.; Lomas, D. A.	2011	Exclusion reason: Conference abstract;
Characteristics of patients with chronic cough who developed classic asthma during the course of cough variant asthma: a longitudinal study	Nakajima, T.; Nishimura, Y.; Nishiuma, T.; Kotani, Y.; Funada, Y.; Nakata, H.; Yokoyama, M.	2005	Exclusion reason: Does not report statements that inform items or domains of cough severity;
Impaired cough-and sputum-related quality of life in patients with nontuberculous mycobacteriosis	Nakayasu, H.; Shirai, T.; Suzuki, T.; Hirai, K.; Tanaka, Y.; Watanabe, H.; Saigusa, M.; Akamatsu, T.; Yamamoto, A.; Asada, K.	2019	Exclusion reason: Conference abstract;
Parent cough-specific quality of life: development and validation of a short form	Newcombe, P. A.; Sheffield, J. K.; Chang, A. B.	2013	Exclusion reason: Pediatric population;
Co-morbid association of depression and COPD: a population-based study	Ng, T. P.; Niti, M.; Fones, C.; Yap, K. B.; Tan, W. C.	2009	Exclusion reason: Wrong indication;
Clinical, pathophysiologic, and microbiologic characterization of bronchiectasis in an aging cohort	Nicotra, M. B.; Rivera, M.; Dale, A. M.; Shepherd, R.; Carter, R.	1995	Exclusion reason: Wrong indication;
Frequency scale for the system of gastroesophageal reflux disease in outpatients with various chronic respiratory diseases	Ochiai, K.; Nagaoka, M.; Kondo, M.; Tagaya, E.; Tamaoki, J.; Nagai, A.	2009	Exclusion reason: Conference abstract;
COPD prevalence and patient burden in	Oh, Y. M.; Muellerova, H.; Ichinose, M.	2013	Exclusion reason: Conference abstract;

Korea and Japan: Continuing to confront (C2C) COPD international patient survey 2012-13			
The language of cough: A focus group study in respiratory diseases	Oliver, S. V.; Yuill, D.; Yorke, J.; Caress, A. L.; Smith, J. A.	2012	Exclusion reason: Conference abstract;
Chronic Cough and Phlegm in Subjects Undergoing Comprehensive Health Examination in Japan - Survey of Chronic Obstructive Pulmonary Disease Patients Epidemiology in Japan (SCOPE-J)	Omori, H.; Higashi, N.; Nawa, T.; Fukui, T.; Kaise, T.; Suzuki, T.	2020	Exclusion reason: Does not report statements that inform items or domains of cough severity;
Nocturnal cough and arousals in CF patients during periods of pulmonary exacerbation: Impact on sleep	Opdekamp, C.; Jobart, S.; Van Muylem, A.; Knoop, C.	2012	Exclusion reason: Conference abstract;
Chronic Cough in America: Characteristics of Chronic Cough Patients with Allergies	Oppenheimer, J.; Meltzer, E.; Bernstein, J.; Schatz, M.; Zeiger, R.; Dicpinigaitis, P.; Way, N.; Li, V.; Fonseca, E.; Boggs, R.; Schelfhout, J.	2020	Exclusion reason: Conference abstract;
A Cross-sectional Survey of the Clinical Manifestations and Underlying Illness of Cough	Otoshi, T.; Nagano, T.; Funada, Y.; Takenaka, K.; Nakata, H.; Ohnishi, H.; Nishiuma, T.; Nakajima, T.; Kageshita, T.; Tsuchiya, T.; Yamamoto, M.; Kobayashi, K.; Nishimura, Y.	2019	Exclusion reason: Chronic cough was undefined or not >8 weeks;
Shortened swallow time and its implication in the patients with chronic cough	Pan, J.; Yu, Y.; Dong, R.; Zhang, M.; Xu, X.; Yu, L.; Qiu, Z.	2020	Exclusion reason: Conference abstract;
Patients with gastro- esophageal reflux disease and cough have impaired	Phua, S.Y.; McGarvey, L.P.; Ngu, M.C.; Ing, A.J.	2005	Exclusion reason: Does not report statements that inform items or domains of cough severity;

laryngopharyngeal mechanosensitivity			
Impact of cough across different chronic respiratory diseases: comparison of two cough-specific health-related quality of life questionnaires	Polley, L.; Yaman, N.; Heaney, L.; Cardwell, C.; Murtagh, E.; Ramsey, J.; MacMahon, J.; Costello, R. W.; McGarvey, L.	2008	Exclusion reason: Study reports duplicate items with an included study;
An algorithmic approach to chronic cough	Pratter, M.R.; Bartter, T.; Akers, S.; Dubois, J.	1993	Exclusion reason: Does not report statements that inform items or domains of cough severity;
Cough and glottic-stop reflex sensitivity in health and disease	Prudon, B.; Birring, S. S.; Vara, D. D.; Hall, A. P.; Thompson, J. P.; Pavord, I. D.	2005	Exclusion reason: Does not report statements that inform items or domains of cough severity;
Determinants of asthma control and quality of life in stable asthma: evaluation of two new cough provocation tests	Purokivi, M.; Koskela, H.; Kontra, K.	2013	Exclusion reason: Wrong indication;
Clinical characteristics and quality of life in women with COPD: an observational study	Raherison, C.; Tillie-Leblond, I.; Prudhomme, A.; Taille, C.; Biron, E.; Nocent-Ejnaini, C.; Mathieu, B.; Ostinelli, J.	2014	Exclusion reason: Wrong indication;
Reflux pattern and role of impedance-pH variables in predicting PPI response in patients with suspected GERD-related chronic cough	Ribolsi, M.; Savarino, E.; De Bortoli, N.; Balestrieri, P.; Furnari, M.; Martinucci, I.; Casale, M.; Greco, F.; Salvinelli, F.; Savarino, V.; Marchi, S.; Cicala, M.	2014	Exclusion reason: Does not report statements that inform items or domains of cough severity;
Reflux patterns and role of impedance-ph variables in predicting ppi response in patients with suspected gerd-related chronic cough	Ribolsi, M.; Savarino, E.; De Bortoli, N.; Balestrieri, P.; Furnari, M.; Martinucci, I.; Casale, M.; Greco, F.; Salvinelli, F.; Savarino, V.; Marchi, S.; Cicala, M.	2014	Exclusion reason: Conference abstract;
Chronic cough in patients with obstructive sleep apnea	Rybka, A.; Wasik, M.; Grabczak, E.; Dabrowska, M.; Bielicki, P.; Krenke, R.	2018	Exclusion reason: Conference abstract;
Development and	Ryden, A.; Denison, H.;	2013	Exclusion reason: Wrong

validation of a patient-reported outcome instrument in partial responders to proton pump inhibitors	Karlsson, M.; Vakil, N.		indication;
Cough predicts prognosis in idiopathic pulmonary fibrosis	Ryerson, C. J.; Abbritti, M.; Ley, B.; Elicker, B. M.; Jones, K. D.; Collard, H. R.	2011	Exclusion reason: Wrong indication;
Utility of a multidimensional upper airway visual analogue scale to characterise laryngeal dysfunction	Selby, J.; Gillies, F.; Bailey, E.; Hull, J. H.	2017	Exclusion reason: Conference abstract;
Utility of a throat visual analogue scale in the assessment of chronic refractory cough	Selby, J.; Pavitt, M.; Walsted, E.; Tidmarsh, B.; Hull, J.	2019	Exclusion reason: Conference abstract;
[An analysis of factors for quality-of-life in patients with chronic cough]. [Chinese]	Shi, X.; Peng, Q. F.; Kong, L. F.	2011	Exclusion reason: Does not report statements that inform items or domains of cough severity;
Prevalence and clinical features of cough variant asthma in a general internal medicine outpatient clinic in Japan	Shirahata, K.; Fujimoto, K.; Arioka, H.; Shouda, R.; Kudo, K.; IKEDA, S.I.	2005	Exclusion reason: Does not report statements that inform items or domains of cough severity;
Association of asthma control, cough related quality of life, and gastroesophageal reflux disease symptoms	Shirai, T.; Mikamo, M.; Mori, K.; Shishido, Y.; Akita, T.; Morita, S.; Asada, K.; Fujii, M.; Suda, T.; Chida, K.	2011	Exclusion reason: Conference abstract;
Impaired cough-related quality of life in patients with controlled asthma with gastroesophageal reflux disease	Shirai, T.; Mikamo, M.; Shishido, Y.; Akita, T.; Morita, S.; Asada, K.; Fujii, M.; Mori, K.; Suda, T.; Chida, K.	2012	Exclusion reason: Wrong study design;
Real-world effect of gastroesophageal reflux disease on cough-related quality of life and disease	Shirai, T.; Mikamo, M.; Tsuchiya, T.; Shishido, Y.; Akita, T.; Morita, S.; Asada, K.; Fujii, M.; Suda, T.	2015	Exclusion reason: Wrong indication;

status in asthma and COPD			
Cough-and sputum-related quality of life in nontuberculous mycobacteriosis	Shirai, T.; Suzuki, T.; Tanaka, Y.; Watanabe, H.; Endo, Y.; Shimoda, Y.; Noguchi, R.; Saigusa, M.; Akamatsu, T.; Yamamoto, A.; Shishido, Y.; Akita, T.; Morita, S.; Asada, K.	2017	Exclusion reason: Conference abstract;
Chronic cough with a history of excessive sputum production: the spectrum and frequency of causes, key components of the diagnostic evaluation, and outcome of specific therapy	Smyrnios, N.A.; Irwin, R.S.; Curley, F.J.	1995	Exclusion reason: Does not report statements that inform items or domains of cough severity;
Chronic cough, not asthma, is associated with depression in the elderly: a community-based population analysis in South Korea	Sohn, K. H.; Song, W. J.; Kim, S. H.; Jang, H. C.; Kim, K. W.; Chang, Y. S.	2019	Exclusion reason: Does not report statements that inform items or domains of cough severity;
Gastroesophageal reflux and chronic unexplained cough: Preliminary results of a gismad multicenter study	Solimando, R.; Baldi, F.; Cataudella, G.; Cicala, M.; Penagini, R.; Pugliese, D.; Ribolsi, M.	2013	Exclusion reason: Conference abstract;
The urge to cough in COPD	Solomon, A.; Cho, P. S. P.; Fletcher, H.; Patel, I. S.; Jolley, C. J.; Turner, R. D.; Birring, S. S.	2017	Exclusion reason: Conference abstract;
Objective cough frequency monitoring in bronchiectasis	Spinou, A.; Garrod, R.; Lee, K. K.; Elston, C.; Loebinger, M. R.; Chung, K. F.; Wilson, R.; Birring, S. S.	2014	Exclusion reason: Conference abstract;
The development and validation of the Bronchiectasis Health Questionnaire	Spinou, A.; Siegert, R. J.; Guan, W. J.; Patel, A. S.; Gosker, H. R.; Lee, K. K.; Elston, C.; Loebinger, M. R.; Wilson, R.; Garrod, R.; Birring, S. S.	2017	Exclusion reason: Wrong indication;
Is laryngeal	Stark, A.; Wright, M.;	2020	Exclusion reason:

hypersensitivity the basis for cough hypersensitivity in chronic cough?	Sundar, K.		Conference abstract;
Frequency and self-management of pain, dyspnea, and cough in cystic fibrosis	Stenekes, S. J.; Hughes, A.; Gregoire, M. C.; Frager, G.; Robinson, W. M.; McGrath, P. J.	2009	Exclusion reason: Wrong indication;
Pain, dyspnea and cough: a survey of Maritime Canadians living with cystic fibrosis	Stenekes, S.; GrÃ©goire, M.; Frager, G.; Hughes, A.	2006	Exclusion reason: Wrong indication;
Impact and factors associated with nighttime and early morning symptoms among patients with chronic obstructive pulmonary disease	Stephenson, J. J.; Cai, Q.; Mocarski, M.; Tan, H.; Doshi, J. A.; Sullivan, S. D.	2015	Exclusion reason: Wrong indication;
Clinical profile of chronic cough patients improving with therapy for sleep apnoea	Sundar, K. M.; Daly, S. E.	2011	Exclusion reason: Conference abstract;
Chronic cough and obstructive sleep apnea in a community-based pulmonary practice	Sundar, K. M.; Daly, S. E.; Pearce, M. J.; Alward, W. T.	2010	Exclusion reason: Does not report statements that inform items or domains of cough severity;
Prospective study of the prevalence of obstructive sleep apnea (OSA) in patients with chronic cough and impact of nocturnal continuous positive airway pressure therapy (CPAP) on the course of chronic cough	Sundar, K.; Daly, S.; Willis, A.	2012	Exclusion reason: Conference abstract;
Characteristics of COPD in non-smokers-results from the canadian obstructive lung disease [COLD] study	Tan, W. C.; Chuang, J.; Bourbeau, J.; Fitzgerald, M. J.; Cowie, R.; Hernandez, P.; Chapman, K.; Aaron, S. D.; O'Donnell, D. E.; Marciniuk, D.; Maltais, F.;	2012	Exclusion reason: Conference abstract;

	Goldstein, R.; Sin, D.		
Workplace-related chronic cough on a mushroom farm	Tanaka, H.; Saikai, T.; Sugawara, H.; Takeya, I.; Tsunematsu, K.; Matsuura, A.; Abe, S.; Tanaka, Hiroshi; Saikai, Toyohiro; Sugawara, Hiroyuki; Takeya, Isao; Tsunematsu, Kazunori; Matsuura, Akihiro; Abe, Shosaku	2002	Exclusion reason: Does not report statements that inform items or domains of cough severity;
Identifying asthma and chronic obstructive pulmonary disease in patients with persistent cough presenting to general practitioners: descriptive study	Thiadens, H. A.; de Bock, G. H.; Dekker, F. W.; Huysman, J. A. N.; van Houwelingen, J. C.; Springer, M. P.; Postma, D. S.	1998	Exclusion reason: Wrong indication;
Chronic cough and sputum production are associated with worse clinical outcomes in stable asthma	Thomson, N. C.; Chaudhuri, R.; Messow, C. M.; Spears, M.; MacNee, W.; Connell, M.; Murchison, J. T.; Sproule, M.; McSharry, C.	2013	Exclusion reason: Wrong indication;
Description of the urge-to-cough in chronic cough	Thurston, A. T.; Young, E.; Marsden, P.; Decalmer, S.; Woodcock, A.; Smith, J. A.	2009	Exclusion reason: Conference abstract;
Challenges of chronic cough caused by gastroesophageal reflux disease in clinical management	Todea, D.; Rosca, L. E.; Coman, A. C.	2014	Exclusion reason: Conference abstract;
Atypical symptoms and health-related quality of life of patients with asymptomatic reflux esophagitis	Tomita, T.; Yasuda, T.; Oka, H.; Terao, S.; Arai, E.; Oshima, T.; Fukui, H.; Hori, K.; Watari, J.; Miwa, H.	2015	Exclusion reason: Wrong indication;
Repercussion of cough in sleep quality in COPD exacerbation	Torres-Sanchez, I.; Ruiz-Saez, A.; Casado-Moreno, I.; Gallego-Ariza, B.; Cabrera-Martos, I.; Valenza, M. C.	2014	Exclusion reason: Conference abstract;
Cough and sputum production in severe asthma: A specific disease phenotype?	Tummino, C.; Alagha, K.; Gras, D.; Bourdin, A.; Varrin, M.; Molinari, N.; Vachier, I.; Chanez, P.	2010	Exclusion reason: Conference abstract;
Cough frequency and	Turner, R. D.; Birring, S. S.;	2013	Exclusion reason:

morbidity in inpatients with acute respiratory disease	Matos, S.; Bothamley, G. H.		Conference abstract;
Laryngeal hypersensitivity in chronic refractory cough and paradoxical vocal fold movement	Vertigan, A. E.; Gibson, P. G.; Bone, S. L.	2014	Exclusion reason: Conference abstract;
Chronic cough in Vocal Cord Dysfunction: Description of a clinical entity	Vertigan, A. E.; Kapela, S. L.; Gibson, P. G.	2020	Exclusion reason: Does not report statements that inform items or domains of cough severity;
Laryngeal Dysfunction in Cough Hypersensitivity Syndrome: A Cross-Sectional Observational Study	Vertigan, A. E.; Kapela, S. M.; Kearney, E. K.; Gibson, P. G.	2018	Exclusion reason: Does not report statements that inform items or domains of cough severity;
Chronic cough and OSA in patients undergoing polysomnography: A cross sectional study	Vinay, A.; Galloway, K.; Stewart, C.; Sundararajan, V.; Kyoong, A.	2014	Exclusion reason: Conference abstract;
Quality of life in patients with bronchiectasis treated at a dedicated bronchiectasis center	Vyas, A.; Quittner, A. L.; Vyas, D.; Waterer, G. W.; Metersky, M. L.	2012	Exclusion reason: Conference abstract;
Chronic cough and obstructive sleep apnoea in a sleep laboratory-based pulmonary practice	Wang, T. Y.; Lo, Y. L.; Liu, W. T.; Lin, S. M.; Lin, T. Y.; Kuo, C. H.; Chung, F. T.; Chou, P. C.; Chang, P. J.; Ni, Y. L.; Ho, S. C.; Lin, H. C.; Wang, C. H.; Yu, C. T.; Kuo, H. P.	2013	Exclusion reason: Does not report statements that inform items or domains of cough severity;
Comparison of cause distribution between elderly and non-elderly patients with chronic cough	Wei, W.; Yu, L.; Lü, H.; Wang, L.; Shi, C.; Ma, W.; Huang, Y.; Qiu, Z.	2009	Exclusion reason: Does not report statements that inform items or domains of cough severity;
Development and validation of the Salzburg COPD-screening questionnaire (SCSQ):	Weiss, G.; Steinacher, I.; Lamprecht, B.; Kaiser, B.; Mikes, R.; Sator, L.; Hartl, S.; Wagner, H.; Studnicka, M.	2017	Exclusion reason: Wrong indication;

a questionnaire development and validation study			
Determinants of different dimensions of disease severity in asthma and COPD : pulmonary function and health-related quality of life	Wijnhoven, H. A. H.; Kriegsman, D. M. W.; Hesselink, A. E.; Penninx, B. W. J.; De Haan, M.; Wijnhoven, H. A.; Kriegsman, D. M.; Penninx, B. W.; de Haan, M.	2001	Exclusion reason: Does not report statements that inform items or domains of cough severity;
Long-term outcomes following behavioral management of chronic refractory cough	Wright, M. L.; Sundar, K. M.; Herrick, J. S.; Barkmeier-Kraemer, J.	2020	Exclusion reason: Conference abstract;
Symptom Clusters and Health-related Quality of Life in Chinese patients with Chronic Obstructive Pulmonary Disease	Wu, Maochun; Zan, Tao; Zhao, Qiheng; Ge, Song; Li, Kun; Li, Junxin	2020	Exclusion reason: Wrong indication;
Clinical features of chronic cough due to non-acid gastro-esophageal reflux	Xu, X. H.; Wang, L.; Liu, B.; Yu, L.; Qiu, Z. H.; Lu, H. J.; Qiu, Z. M.	2011	Exclusion reason: Conference abstract;
Cinical characteristics and indication of anti-reflux therapy effectiveness for gastro-esophageal reflux-related cough	Ye, Y.; Lai, K.; Chen, R.; Chen, Q.; Liu, C.; Yan, H.; Luo, J.; Wu, Y.; Zhong, N.	2011	Exclusion reason: Conference abstract;
Severe sleep apnea syndrome associated with chronic cough without daytime sleepiness	Yokohori, N.; Hasegawa, M.; Sato, A.; Katsura, H.	2015	Exclusion reason: Conference abstract;
The long-term outcome of patients with unexplained chronic cough	Yousaf, N.; Birring, S. S.; Pavord, I. D.	2009	Exclusion reason: Conference abstract;
The long term outcome of patients with unexplained chronic cough	Yousaf, N.; Montinero, W.; Birring, S. S.; Pavord, I. D.	2013	Exclusion reason: Does not report statements that inform items or domains of cough severity;
Reflux characteristics in patients with	Yu, Y.; Wen, S.; Wang, S.; Shi, C.; Ding, H.; Qiu, Z.;	2019	Exclusion reason: Does not report statements that inform

gastroesophageal reflux-related chronic cough complicated by laryngopharyngeal reflux	Xu, X.; Yu, L.		items or domains of cough severity;
Reflux characteristics in patients with GERD complicated by laryngopharyngeal reflux	Yu, Y.; Wen, S.; Wang, S.; Shi, C.; Ding, H.; Qiu, Z.; Xu, X.; Yu, L.	2020	Exclusion reason: Conference abstract;
Characteristics and burden of chronic cough in adults in a large managed care organization	Zeiger, R. S.; Schatz, M.; Butler, R. K.; Weaver, J. P.; Chen, W.	2019	Exclusion reason: Conference abstract;
Identification and burden of chronic cough in adults in a large managed care organization	Zeiger, R. S.; Schatz, M.; Xie, F.; Hong, B. D.; Weaver, J. P.; Schelfhout, J.; Chen, W.	2020	Exclusion reason: Conference abstract;
Chronic Cough in Adults in a Large Managed Care Organization	Zeiger, R.; Schatz, M.; Butler, R.; Weaver, J.; Chen, W.	2019	Exclusion reason: Conference abstract;
[Construction and analysis of questionnaires on AIDS cough in traditional Chinese medicine diagnosis and treatment procedures]	Zhang, Y.; Xue, L. H.; Chen, Y. X.; Huang, S. J.; Pan, J. H.; Wang, J.	2013	Exclusion reason: Wrong indication;
Comparison of clinical characteristics and pathophysiology of cough predominate asthma and noncough predominate asthma	Zhou, J.; Pan, J. Y.; Luo, W.; Chen, Q.; Lai, K. F.	2016	Exclusion reason: Conference abstract;
The clinical and pathophysiological features of cough-predominant-asthma	Zhou, J.; Yi, F.; Li, H.; Luo, W.; Chen, Q.; Lai, K.	2018	Exclusion reason: Conference abstract;
Development and validation of a chronic obstructive pulmonary disease screening questionnaire in China	Zhou, Y. M.; Chen, S. Y.; Tian, J.; Cui, J. Y.; Li, X. C.; Hong, W.; Zhao, Z. X.; Hu, G. P.; He, F.; Qiu, R.; Wang, X. P.; Wang, D. L.;	2013	Exclusion reason: Wrong indication;

	Zheng, J. P.; Zhong, N. S.; Ran, P. X.		
Assessment of the prevalence of obstructive sleep apnea in patients with undiagnosed chronic cough	Zidan, M.; Shaarawy, H.	2012	Exclusion reason: Conference abstract;
Do patients with stress incontinence cough or do cough patients suffer from urinary incontinence?	Zoglmann, R.; Nguyen, T.; Engberts, M.; Vaessen, D.; Patberg, N.; Van Den Berg, J.	2015	Exclusion reason: Conference abstract;
[Acute dry coughs have underestimated impacts on patients' everyday lives]	Zuck, P.; Allaert, F. A.	2011	Exclusion reason: Wrong indication;

Supplementary Table 3: Characteristics of cough-specific PROMs included in the review

Patient reported outcome measurement	Target conditions	Construct(s) assessed	Number of items	Number of domains	Domains/items assessed	Recall period	Score range
Chronic Cough Impact Questionnaire (CCIQ)(1)	Chronic cough	Cough impact on QoL	21	4	Impact on daily life Impact on relationships Impact on mood Impact on sleep	2 weeks	21-105
Cough and Sputum Assessment Questionnaire (CASA-Q)(2)	Cough in patients with chronic obstructive pulmonary disease and chronic bronchitis	Frequency and severity of cough and sputum, impact on QoL	20	4	Cough symptom Cough impact Sputum symptom Sputum impact	1 week	0-100
Cough Assessment Test (COAT)(3)	Chronic cough	Cough impact on QoL	5	0	Frequency Impact on daily life Impact on sleep Fatigue Cough hypersensitivity	3 days	0-20
Cough Evaluation Test	Chronic cough	Cough severity, cough impact	5	0	Frequency	Not specified	5-25

(CET)(4)		on QoL			Intensity Impact on sleep Impact on daily life Impact on psychological health		
Cough Severity Diary (CSD)(5)	Chronic and subacute cough	Cough severity, cough impact on QoL	7	3	Frequency Intensity Disruption	1 day	0-10
Cough Severity Index (CSI)(6)	Chronic cough related to the upper airway	Cough severity, cough impact on QoL	10	0	Cough hypersensitivity Impact on daily life Impact on social life Impact on mood	1 month	0-40
Cough Specific Quality of Life (CQLQ)(7)	Chronic and acute cough	Cough impact on QoL	28	6	Physical complaints Psychosocial issues Functional abilities Emotional well-being Extreme physical complaints Personal safety fears	Not specified	28-112
Cough Symptom Score	Chronic cough	Cough severity, cough impact	2	0	Frequency Intensity	Not specified	0-5

(CSS)(8)		on QoL			Impact on daily activities Impact on sleep		
Hull Airway Reflux Questionnaire (HARQ)(9)	Chronic cough	Cough hypersensitivity	14	0	Cough hypersensitivity Cough symptom	1 month	0-70
Leicester Cough Questionnaire (LCQ)(10)	Chronic cough	Cough impact on QoL	19	3	Physical Psychological Social	2 weeks	3-21
Newcastle Laryngeal Hypersensitivity Questionnaire (LHQ)(11)	Laryngeal dysfunction syndromes	Laryngeal sensory disturbance	14	3	Obstruction Pain/thermal Irritation	Not specified	score ≤ 17 taken as abnormal
Punum Ladder(12)	Chronic cough	Cough severity, cough impact on QoL	2	0	Cough severity Overall quality of life	1 week	0-10 (two subscales)

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