

Appendix 1. Search strategy

1. PubMed

Search	Query
#12	Search #6 and #7
#11	Search #5 and #7
#10	Search #4 and #7
#9	Search #3 and #7
#8	Search #2 and #7
#7	Search ("Lung Diseases, Obstructive"[Mesh]) OR ("Pulmonary Disease, Chronic Obstructive"[Mesh]) OR (chronic pulmonary obstructive disease[tiab]) OR (COPD[TIAB]) OR (Obstructive Lung Disease[TIAB]) OR (Obstructive Lung Diseases[TIAB]) OR (Obstructive Pulmonary Disease[TIAB]) OR (Obstructive Pulmonary Diseases[TIAB]) OR (chronic pulmonary obstructive diseases[tiAB]) OR (Acute exacerbation of COPD) OR (acute exacerbation of chronic obstructive pulmonary disease) OR (AECB[TIAB]) OR (AECB) OR (COAD) OR (Restrictive Lung Disease[TIAB])
#6	Search (SF36[tiab]) OR (SF 36[tiab]) OR (SF 12[tiab]) OR (SF12[tiab]) OR (HRQoL[tiab]) OR (QoL[tiab]) OR (Quality of life[tiab]) OR ("Quality of Life"[MeSH])
#5	Search (preference based[tiab]) OR (preference score*[tiab]) OR (multiattribute[tiab]) OR (multi attribute[tiab]) OR (EuroQol 5D[tiab]) OR (EuroQol5D[tiab]) OR (EQ5D[tiab]) OR (EQ 5D[tiab]) OR (SF6D[tiab]) OR (SF 6D[tiab]) OR (HUI[tiab]) OR (15D[tiab])
#4	Search (health[ti] AND utilit*[ti]) OR ("Decision Support Techniques"[MeSH]) OR (gamble*[tiab]) OR (prospect theory[tiab]) OR (preference score[tiab]) OR (preference elicitation[tiab]) OR (health utilit*[tiab]) OR (utility value*[tiab]) OR (Utility score*[tiab]) OR (Utility estimate*[tiab]) OR (health state utilit*[tiab]) OR (health state[tiab]) OR (feeling thermometer*[tiab]) OR (best-worst scaling[tiab]) OR (standard gamble[tiab]) OR (time trade-off[tiab]) OR (TTO[tiab]) OR (probability trade-off[tiab]) OR (utility score[tiab])
#3	Search (((decision*[ti] AND mak*[ti]) OR (decision mak*[tiab]) OR (decisions mak*[tiab])) AND (patient*[tiab] OR user*[tiab] OR men[tiab] OR women[tiab])) OR (discrete choice*[tiab]) OR (decision board*[tiab]) OR (decision analy*[tiab]) OR (decision-support[tiab]) OR (decision tool*[tiab]) OR (decision aid*[tiab]) OR (discrete-choice*[tiab]) OR (decision*[tiab] AND (patient*[ti] OR user*[ti] OR men[ti] OR women[ti]) OR (Decision Making[MAJR] AND (patient*[ti] OR user*[ti] OR men[ti] OR women[ti])))
#2	Search ("Attitude to Health"[MAJR]) OR ("Patient Participation"[MAJR]) OR (preference*[tiab]) OR ("Patient Preference"[MAJR]) OR (choice[ti]) OR (choices[ti]) OR (value*[ti]) OR (health state values[tiab]) OR (valuation*[ti]) OR (expectation*[tiab]) OR (attitude*[tiab]) OR (acceptab*[tiab]) OR (knowledge[tiab]) OR (point of view[tiab]) OR (user participation[tiab]) OR (users participation[tiab]) OR (users' participation[tiab]) OR (user's participation[tiab]) OR (patient participation[tiab]) OR (patients' participation[tiab]) OR (patients' participation[tiab]) OR (patient's participation[tiab]) OR (patients' perspective*[tiab]) OR (patients' perspective*[tiab]) OR (patients' perspective*[tiab]) OR (patients' perce*[tiab]) OR (patients' perce*[tiab]) OR (patient's perce*[tiab]) OR (health perception*[tiab]) OR (user view*[tiab]) OR (users view*[tiab]) OR (users' view*[tiab]) OR (user's view*[tiab]) OR (patient view*[tiab]) OR (patients view*[tiab]) OR (patients' view*[tiab]) OR (patient's view*[tiab])

2. Embase

1	preference.mp. or exp patient preference/
2	choice*.ti.
3	value*.ti.
4	health state value*.mp.
5	valuation*.ti.
6	expectation*.mp.
7	attitude*.mp. or exp patient attitude/ or exp attitude to health/
8	acceptab*.mp.
9	knowledge.mp.

10 point of view.mp.
11 user* participation.mp.
12 patient* participation.mp. or exp patient participation/ or exp patient satisfaction/
13 patient* perspective.mp.
14 patient* perce*.mp.
15 health perception*.mp.
16 user* view*.mp.
17 patient* view*.mp.
18 (decision* and mak*).ti.
19 decision* mak*.mp.
20 (patient* or user* or men or women or man or woman).mp. and (18 or 19)
21 (discrete-choice* or discrete choice*).mp.
22 decision board*.mp.
23 decision analy*.mp.
24 (decision-support* or decision support*).mp.
25 exp decision support system/
26 decision tool*.mp. or exp medical decision making/ or exp patient decision making/
27 decision aid*.mp.
28 prospect theory.mp.
29 ("preference score " or "preference elicitation").mp.
30 health utilit*.mp.
31 ("utility value*" or "Utility score*" or "Utility estimate*").mp.
32 health state utilit*.mp. or exp health status indicator/
33 (health and utilit*).ti.
34 health state*.mp.
35 feeling thermometer*.mp. or exp visual analog scale/
36 best-worst scaling.mp.
37 standard gamble.mp.
38 time trade-off.mp.
39 TTO.mp.
40 probability trade-off.mp.
41 utility score*.mp.
42 preference based.mp.
43 preference score*.mp.
44 multiattribute.mp.
45 multi attribute.mp.
46 EuroQol.mp.
47 EQ5D.mp.
48 EQ 5D.mp.
49 (SF-36 or SF 36).mp.
50 SF 6D.mp.
51 SF6D.mp.
52 SF 12.mp.
53 SF12.mp.
54 15 D.mp.
55 HUI.mp.
56 Health Utilit* Index.mp.
57 HRQoL.mp.
58 health related quality of life.mp.
59 quality of life.mp. or exp "quality of life"/
60 or/1-17
61 or/20-27
62 or/28-41
63 (or/42-56) or 29
64 (or/49-54) or (or/57-59)
65 or/60-64

66 exp chronic obstructive lung disease/
67 emphysema\$.mp.
68 (chronic\$ adj3 bronchiti\$).mp.
69 (obstruct\$ adj3 (pulmonary or lung\$ or airway\$ or airflow\$ or bronch\$ or respirat\$)).mp.
70 COPD.mp.
71 COAD.mp.
72 COBD.mp.
73 AECB.mp.
74 or/66-73
75 60 and 74
76 61 and 74
77 62 and 74
78 63 and 74
79 64 and 74
80 65 and 74

3. PsychInfo

1 preference.mp. or exp Preferences/
2 choice*.ti.
3 value*.ti.
4 health state value*.mp.
5 valuation*.ti.
6 expectation*.mp.
7 attitude*.mp. or attitudes/ or exp consumer attitudes/ or exp health attitudes/ or exp "physical illness
(attitudes toward)"/ or exp attitude measurement/ or exp attitude measures/ or exp Client Attitudes/
8 acceptab*.mp.
9 knowledge.mp.
10 point of view.mp.
11 user* participation.mp.
12 patient* participation.mp. or exp Client Participation/ or exp Client Satisfaction/
13 patient* perspective.mp.
14 patient* perce*.mp.
15 health perception*.mp.
16 user* view*.mp.
17 patient* view*.mp.
18 (decision* and mak*).ti.
19 decision* mak*.mp.
20 (patient* or user* or men or women or man or woman).mp. and (18 or 19)
21 (discrete-choice* or discrete choice*).mp.
22 decision board*.mp.
23 decision analy*.mp.
24 decision-support.mp.
25 decision support*.mp. or exp Decision Support Systems/
26 decision tool*.mp. or exp Decision Making/
27 decision aid*.mp.
28 prospect theory.mp.
29 ("preference score " or "preference elicitation").mp.
30 health utilit*.mp.
31 ("utility value*" or "Utility score*" or "Utility estimate*").mp.
32 health state utilit*.mp. or exp psychometrics/ or exp Utility Theory/
33 (health and utilit*).ti.
34 health state*.mp.
35 feeling thermometer*.mp. or exp Rating Scales/
36 best-worst scaling.mp.

37 standard gamble.mp.
 38 time trade-off.mp.
 39 TTO.mp.
 40 probability trade-off.mp.
 41 utility score*.mp.
 42 preference based.mp.
 43 preference score*.mp.
 44 multiattribute.mp.
 45 multi attribute.mp.
 46 EuroQol.mp.
 47 EQ5D.mp.
 48 EQ 5D.mp.
 49 (SF-36 or SF 36).mp.
 50 SF 6D.mp.
 51 SF6D.mp.
 52 SF 12.mp.
 53 SF12.mp.
 54 15 D.mp.
 55 HUI.mp.
 56 Health Utilit* Index.mp.
 57 HRQoL.mp.
 58 health related quality of life.mp.
 59 quality of life.mp. or exp "quality of life"/
 60 or/1-17
 61 or/20-27
 62 or/28-41
 63 (or/42-56) or 29
 64 (or/49-54) or (or/57-59)
 65 or/60-64
 66 exp chronic obstructive lung disease/
 67 emphysema\$.mp.
 68 (chronic\$ adj3 bronchiti\$).mp.
 69 (obstruct\$ adj3 (pulmonary or lung\$ or airway\$ or airflow\$ or bronch\$ or respirat\$)).mp.
 70 COPD.mp.
 71 COAD.mp.
 72 COBD.mp.
 73 AECB.mp.
 74 66 or 67 or 68 or 69 or 70 or 71 or 72 or 73
 75 60 and 74
 76 61 and 74
 77 62 and 74
 78 63 and 74
 79 64 and 74
 80 65 and 74

4. CINAHL

S99 S94 OR S95 OR S96 OR S97 OR S98
 S98 S10 AND S93
 S97 S10 AND S87
 S96 S10 AND S78
 S95 S10 AND S61

S94 S10 AND S49
S93 S88 OR S89 OR S90 OR S91 OR S92
S92 (MH "Quality of Life") OR (MH "Quality of Life (Iowa NOC)") OR (MH "Health and Life Quality (Iowa NOC) (Non-Cinahl)")
S91 TI health related quality of life OR AB health related quality of life
S90 TI HRQoL OR AB HRQoL
S89 TI SF6D OR AB SF6D OR TI SF12 OR AB SF12 OR TI SF 12 OR AB SF 12
S88 TI SF-36 OR AB SF-36 OR TI SF 36 OR AB SF 36 OR TI SF 6D OR AB SF 6D
S87 S79 OR S80 OR S81 OR S82 OR S83 OR S84 OR S85 OR S86
S86 TI HUI OR AB HUI OR TI Health utilities index OR AB Health utilities index
S85 TI SF6D OR AB SF6D OR TI SF12 OR AB SF12 OR TI SF 12 OR AB SF 12
S84 TI EuroQoL OR AB EuroQoL OR TI EQ5D OR AB EQ5D OR TI EQ 5D OR AB EQ 5D OR TI SF-36 OR AB SF-36 OR TI SF 36 OR AB SF 36 OR TI SF 6D OR AB SF 6D
S83 TI multi-attribute utility theory OR AB multi-attribute utility theory
S82 TI multi attribute OR AB multi attribute
S81 TI multiattribute OR AB multiattribute
S80 TI preference score* OR AB preference score*
S79 TI preference based OR AB preference based
S78 S62 OR S63 OR S64 OR S65 OR S66 OR S67 OR S68 OR S69 OR S70 OR S71 OR S72 OR S73 OR S74 OR S75 OR S76 OR S77
S77 (MH "Visual Analog Scaling") OR (MH "Behavior Rating Scales")
S76 (MH "Health Status Indicators") OR (MH "Acceptance: Health Status (Iowa NOC)")
S75 TI utility score* OR AB utility score* OR TI utility scale* OR AB utility scale*
S74 TI probability trade off OR AB probability trade off
S73 TI TTO OR AB TTO
S72 TI time trade off OR AB time trade off
S71 TI standard gamble OR AB standard gamble
S70 TI best-worst scaling OR AB best-worst scaling
S69 TI feeling thermometer OR AB feeling thermometer
S68 TI health AND TI utilit*
S67 TI health state utilit* OR AB health state utilit*
S66 TI utility value* OR AB utility value* OR TI utility score* OR AB utility score* OR TI utility estimate* OR AB utility estimate*
S65 TI health utilit* OR AB health utilit*
S64 TI preference elicitation OR AB preference elicitation
S63 TI preference score* OR AB preference score*
S62 TI prospect theory OR AB prospect theory
S61 S52 OR S53 OR S54 OR S55 OR S56 OR S57 OR S58 OR S59 OR S60
S60 (MH "Decision Making") OR (MH "Decision Making, Organizational") OR (MH "Decision Making, Computer Assisted") OR (MH "Decision Making, Patient") OR (MH "Decision Making, Family") OR (MH "Decision Making, Ethical") OR (MH "Decision Making, Clinical")
S59 (MH "Decision Support Systems, Clinical") OR (MH "Decision Support Systems, Management") OR (MH "Decision-Making Support (Iowa NIC)") OR (MH "Decision Support Techniques")
S58 TI decision tool* OR AB decision tool*
S57 TI decision support* OR AB decision support*
S56 TI decision analys* OR AB decision analys*
S55 TI decision aid* OR AB decision aid*
S54 TI decision board* OR AB decision board*
S53 TI discrete choice* OR AB discrete choice*
S52 S50 AND S51
S51 TI patient* OR AB patient* OR TI user* OR AB user* OR TI men OR AB men OR TI women OR AB women OR TI man OR AB man OR TI woman OR AB woman
S50 TI decision* mak* OR AB decision* mak*
S49 S11 OR S12 OR S13 OR S14 OR S15 OR S16 OR S17 OR S18 OR S19 OR S20 OR S21 OR S22 OR S23 OR S24 OR S25 OR S26 OR S27 OR S28 OR S29 OR S30 OR S31 OR S32 OR S33 OR S34 OR S35 OR S36 OR S37 OR S38 OR S39 OR S40 OR S41 OR S42 OR S43 OR S44 OR S45 OR S46 OR S47 OR S48

S48 (MH "Consumer Participation")
S47 "patients views or experiences or perceptions" OR (MH "Patient Attitudes")
S46 (MH "Patient Attitudes") OR (MH "Patient Satisfaction")
S45 "patient preference"
S44 TI patient* view* OR AB patient* view*
S43 TI user view* OR AB user view*
S42 TI health perception* OR AB health perception*
S41 TI patient* perception* OR AB patient* perception*
S40 TI patient* perspective OR AB patient* perspective
S39 TI patient* participation OR AB patient* participation
S38 TI user* participation OR AB user* participation
S37 TI point of view OR AB point of view
S36 TI knowledge OR AB knowledge
S35 TI acceptabilit* OR AB acceptabilit*
S34 TI attitude* OR AB attitude*
S33 TI expectation* OR AB expectation*
S32 TI valuation* OR AB valuation*
S31 TI health state value OR AB health state value
S30 TI value*
S29 TI choice
S28 TI preference*
S27 TI patient* view* OR AB patient* view*
S26 TI user view* OR AB user view*
S25 TI health perception* OR AB health perception*
S24 TI patient* perception* OR AB patient* perception*
S23 TI patient* perspective OR AB patient* perspective
S22 TI patient* participation OR AB patient* participation
S21 TI user* participation OR AB user* participation
S20 TI point of view OR AB point of view
S19 TI knowledge OR AB knowledge
S18 TI acceptabilit* OR AB acceptabilit*
S17 TI attitude* OR AB attitude*
S16 TI expectation* OR AB expectation*
S15 TI valuation* OR AB valuation*
S14 TI health state value OR AB health state value
S13 TI value*
S12 TI choice
S11 TI preference*
S10 S1 OR S4 OR S7 OR S8 OR S9
S9 TI emphysema OR AB emphysema
S8 (MH "Emphysema")
S7 S5 AND S6
S6 TI (pulmonary* or lung* or airway* or airflow* or bronch* or respirat*) OR AB (pulmonary* or lung* or
airway* or airflow* or bronch* or respirat*)
S5 TI obstruct* OR AB obstruct*
S4 S2 AND S3
S3 TI bronchiti* OR AB bronchiti*
S2 TI chronic* OR AB chronic*
S1 TI COPD OR AB COPD OR TI COAD OR AB COAD OR TI COBD OR AB COBD OR TI AECB OR
AB AECB OR TI chronic obstructive pulmonary disease OR AB chronic obstructive pulmonary disease