### Multimedia Appendix 1: Search strategy

| Database | OVID MEDLINE |
|----------|--------------|
| **Strategy** | #1 OR #2 AND #3  
Limit English language and humans and last 10 years  
#1 Patient Reported Outcome Measures/exp OR “Surveys and Questionnaires/exp OR Self Report/exp or Perception/exp OR scale.mp  
#2 “Quality of Life”/exp OR QOL.mp OR “health related quality of life”. mp  
#3 Cystic Fibrosis/exp |

| Database | PsycINFO |
|----------|----------|
| **Strategy** | #1 OR #2 AND #3  
Limit English language and humans and last 10 years  
#1 Patient reported outcome.mp OR Self Report/exp OR Client Attitudes/exp OR Questionnaires/exp OR Perception/exp OR scale.mp  
#2 “Quality of Life”/exp OR QOL.mp  
#3 Cystic Fibrosis/ exp |

| Database | Scopus |
|----------|--------|
| **Strategy** | #1 OR #2 AND #3  
Limit English language and Publication Year 2009 – 2019 and Final Publication  
#1 patient AND reported AND outcome* OR self-report* OR questionnaire OR scale OR perception  
#2 quality AND of AND life  
#3 cystic AND fibrosis |

| Database | Embase |
|----------|--------|
| **Strategy** | #1 OR #2 AND #3  
Limit English language and humans and last 10 years  
#1 Patient-reported outcome/exp OR questionnaire/exp OR self report/exp or perception/exp OR scale.mp  
#2 Quality of life/exp OR QOL.mp  
#3 Cystic Fibrosis/ exp |

| Database | Cochrane |
|----------|----------|
| **Strategy** | #1 OR #2 AND #3  
Limit English language and humans and last 10 years  
#1 Patient Reported Outcome Measures/exp OR Self Report/exp OR Survey and Questionnaires/exp  
#2 Quality of Life/exp |
| Database  | CINAHL |
|-----------|--------|
| Strategy  | #1 OR #2 AND #3  |
|           | Limit English language and Publication Year 2009 - 2019 |
| #1        | “Patient-reported Outcome Measures” OR “Self Report+” OR “Patient Attitudes” OR “Questionnaires” |
| #2        | “Quality of Life+” |
| #3        | “Cystic Fibrosis” |