

Supplementary File: Tables of Empirical Studies Included in Literature Review

Qualitative

<i>Study</i>	<i>Population</i>	<i>Methods</i>
1. Bajwah <i>et al.</i> (2012)	8 patients with ILD, 4 informal carers and 6 HCPs from two specialist ILD clinics in London. The HCPs were a mixture of generalist and specialist palliative care providers and specialist respiratory care providers.	Semi-structured interviews.
2. Bajwah <i>et al.</i> (2013)	8 patients with ILD, 4 informal carers and 6 HCPs from two specialist ILD clinics in London. The HCPs were a mixture of generalist and specialist palliative care providers and specialist respiratory care providers.	Semi-structured interviews.
3. Cawley <i>et al.</i> (2014)	21 patients with COPD, 13 family carers and 18 HCPs (generalists and respiratory professionals). Primary and secondary care setting of three regions of Scotland.	Longitudinal in-depth interviews (4 time points)
4. Crawford <i>et al.</i> (2013a)	15 patients with severe COPD, their carer and healthcare professionals in Australia	Focus groups with HCPs and semi-structured interviews with patients and carers
5. Crawford (2010)	7 respiratory healthcare professionals in London.	Phenomenological approach, semi-structured interviews
6. Curtis <i>et al.</i> (2008)	Patients with COPD (n=24), cancer (n=30), COPD and cancer (n=1), their family (n=36) and HCPs (n=56) in the USA.	Interviews
7. Ek <i>et al.</i> (2015)	13 bereaved carers of patients with COPD in Sweden. Recruited from a pulmonary clinic.	Semi-structured interviews
8. Ek and Ternstedt (2008)	8 patients with advanced COPD. Recruited from two pulmonary clinics in Sweden.	Semi-structured interviews. Phenomenological approach.
9. Epiphaniou <i>et al.</i> (2014)	7 patients with advanced COPD, 9 patients with lung cancer and 2 patients with COPD and lung cancer were recruited from 3 respiratory outpatient clinics at a large UK hospital.	A qualitative longitudinal study involving in-depth serial semi-structured interviews
10. Fitzsimons <i>et al.</i> (2007)	6 patients with respiratory failure, 6 patients with renal failure and 6 patients with heart failure. 17 significant others and a focus group with 18 HCPs. Set in a regional hospital in Northern Ireland.	Semi-structured interviews and focus groups were employed.
11. Gardiner <i>et al.</i> (2009)	21 patients with moderate or severe COPD. From 3 GP practices across two areas in the UK.	Semi-structured interviews
12. Gott <i>et al.</i> 2009	Five focus groups with 39 healthcare professionals involved in care of patients with COPD. 3 focus groups at GP surgeries and 2 at large hospitals. All in the UK.	Focus Groups
13. Gysels and Higginson (2008)	18 patients with advanced COPD from a large hospital in the UK. Experiencing problems with breathlessness.	Semi-structured interviews

14. Habraken <i>et al.</i> (2008)	11 patients with advanced COPD from 5 hospitals in the Netherlands.	Semi-structured interviews
15. Hasson <i>et al.</i> (2009)	9 carers who had been bereaved 6 to 24 months from caring for a patient with COPD in Northern Ireland	Semi-structured interviews
16. Hasson <i>et al.</i> (2008)	13 patients with advanced COPD from Northern Ireland	Semi-structured interviews
17. Hayle <i>et al.</i> (2013)	8 patients with advanced COPD who were accessing specialist palliative care from one area in the UK.	Semi-structured interviews. Phenomenological approach
18. Hynes <i>et al.</i> (2012)	11 family caregivers of people with advanced COPD in the Republic of Ireland	Semi-structured interviews
19. Janssen <i>et al.</i> (2010)	2 case studies of patients with advanced COPD and 1 with a patient with pulmonary fibrosis in the Netherlands.	Case studies of patients part of an interdisciplinary palliative care program
20. Kanervisto <i>et al.</i> (2007)	5 people with severe COPD and 4 of their spouses in Finland.	Semi-structured interviews
21. Lowey <i>et al.</i> (2013)	10 patients with advanced COPD and 10 patients with advanced heart failure in a primary care setting in New York	Semi-structured interviews
22. Mc Veigh <i>et al.</i> (2017a)	17 bereaved family carers of patients with ILD, bronchiectasis or COPD, and 18 HCPs involved in the care of patients with NMRD in rural and urban areas of the North and Republic of Ireland.	Semi-structured interviews and focus groups
23. Mc Veigh <i>et al.</i> (2017b)	17 bereaved family carers of patients with ILD, bronchiectasis or COPD, and 18 HCPs involved in the care of patients with NMRD in rural and urban areas of the North and Republic of Ireland.	Semi-structured interviews and focus groups
24. Mac Pherson <i>et al.</i> (2013)	10 patients with severe COPD from the primary and secondary care setting in the UK.	Semi-structured interviews. Grounded theory approach.
25. Nguyen <i>et al.</i> (2013)	12 people with moderate to severe COPD from an outpatient clinic in Canada.	Semi-structured interviews and participants watched a DVD within the interview that covered end of life care topics
26. Philip <i>et al.</i> (2012)	10 patients with advanced COPD and 31 HCPs (18 nurses, 7 doctors and 6 AHPs) in Australia	Semi-structured interviews with patients and 5 focus groups with HCPs
27. Philip <i>et al.</i> (2014)	9 active and 10 bereaved carers of patients with severe COPD in Australia	Semi-structured interviews
28. Pinnock <i>et al.</i> (2011)	21 patients with severe COPD, 13 informal carers and 18 professional carers, from primary and secondary care setting in Scotland	Longitudinal multi-perspective qualitative study (18 month period up to 4 interview)

29. Reinke <i>et al.</i> (2008)	Physicians (n= 31) Nurses (n= 25) Patients with advanced COPD (n= 24), advanced lung cancer (n= 30), COPD and cancer (n= 1) and their family members (n= 36) conducted in the USA	Semi-structured interviews, grounded theory
30. Reinke <i>et al.</i> (2011)	7 patients with advanced COPD in the USA	Semi-structured interviews
31. Reticker <i>et al.</i> (2012)	2 patients with advanced COPD in the USA	Case study based approach
32. Sampson <i>et al.</i> (2015)	27 patients with IPF and 21 family carers in the UK	Semi-structured interviews
33. Schroedl <i>et al.</i> (2014)	20 patients with severe COPD in America	Semi-structured interviews
34. Simpson <i>et al.</i> (2010)	14 active family carers of patients with advance COPD in Canada	Semi-structured interviews
35. Spence <i>et al.</i> (2008)	7 active carers of patients with severe COPD in Northern Ireland	Semi-structured interviews
36. Spence <i>et al.</i> (2009)	23 healthcare professionals involved in care of COPD in Northern Ireland	Semi-structured interviews with 17 HCPs and 6 semi structured interviews with GPs

Quantitative

<i>Study</i>	<i>Population</i>	<i>Methods</i>
1. Au <i>et al.</i> (2012)	306 patients with advanced COPD in America. Outpatient setting.	Randomised controlled trial to assess impact of patient specific feedback form regarding end of life conversations.
2. Bajwah <i>et al.</i> (2012)	45 patients with interstitial lung disease (pulmonary fibrosis) from the UK	Retrospective documentary analysis of patients hospital notes
3. Batzlaff <i>et al.</i> (2014)	591 patients with COPD from an ICU in America	Retrospective documentary analysis of patients hospital notes over a 14 year period
4. Bausewein <i>et al.</i> (2010)	49 patients with lung cancer and 60 patients with advanced COPD in Germany	Cross sectional questionnaire study
5. Beernaert <i>et al.</i> (2013)	111 patients with COPD, 88 with heart failure, 325 with dementia and 673 with cancer in Belgium.	Population-based retrospective survey studying

		deaths registered in Belgium by GPs
6. Benzo <i>et al.</i> (2013)	1218 patients with severe COPD in the USA	Clinical data and patient self-report surveys
7. Blinderman <i>et al.</i> (2009)	100 patients in the USA with advanced COPD	Longitudinal Prospective survey study
8. Boland <i>et al.</i> (2013)	16 patients with severe COPD in the UK	Survey and documentary analysis
9. Buxton <i>et al.</i> (2010)	239 acute hospital units admitting patients with COPD in the UK	National survey/audit
10. Chandra and Chandran (2014)	COPD inpatient admissions with exacerbations in America	Retrospectively reviewed inpatient data over an 8 year period for over 3000 admissions. Linear regression analysis was conducted
11. Chou <i>et al.</i> (2013)	103 patients with COPD and 43 with lung cancer in Taiwan	Retrospective hospital data
12. Fahim and Kastelik (2014)	30 patients with advanced COPD in the UK	Questionnaire study
13. Farquhar <i>et al.</i> (2016)	87 patients with NMRD in the UK	Randomised controlled trial
14. Gaspar <i>et al.</i> (2014)	136 pulmonologists in Portugal involved in care of patients with advanced COPD	Online questionnaire
15. Goodridge <i>et al.</i> (2008)	433 patients who had died with a diagnosis of lung cancer and 602 patients who had died with a diagnosis of COPD. In Canada	Retrospective cohort study
16. Goodridge <i>et al.</i> (2010)	1098 patients who died from respiratory illness in Canada	Cohort study retrospectively investigating healthcare data
17. Habraken <i>et al.</i> (2009)	COPD (n=82) compared to patients with advanced lung cancer (n= 19) in the USA	Questionnaires
18. Higginson <i>et al.</i> (2014)	57 patients with COPD, 19 ILD, 21 cancer, 5 Heart failure and 3 other. From the UK	Randomised Controlled Trial
19. Janssen <i>et al.</i> (2011)	105 outpatients with severe COPD	Observational study – using visual analogue scales
20. Leung <i>et al.</i> (2012)	376 patients with moderate to severe COPD in America	Cross-sectional study using validated self-reporting questionnaires
21. Lindell <i>et al.</i> (2015)	277 patients with ILD in the USA	Retrospective data

22. Maric <i>et al.</i> (2016)	100 patients with advanced lung cancer and 100 patients with advanced COPD in Serbia	Cross sectional cohort study
23. Matsunuma <i>et al.</i> (2016)	23 patients with ILD and 59 patients with lung cancer in India	Retrospective data
24. Partridge <i>et al.</i> (2009)	107 respiratory physicians across England, Ireland and Wales	Questionnaire
25. Philip <i>et al.</i> (2012)	22019 Patients with COPD from an ICU in Australia	Retrospective cohort study of patients data
26. Roberts <i>et al.</i> (2008)	100 acute NHS hospitals across the UK	Survey investigating existing care and quality of care for patients with COPD
27. Rush <i>et al.</i> (2017)	181,689 patients with COPD in the USA	Retrospective nationwide cohort analysis
28. Slatore <i>et al.</i> (2010)	342 veterans with COPD in the USA	Randomised Controlled Trial
29. Smith <i>et al.</i> (2014)	17 respiratory physicians in Australia	Pilot – questionnaire
30. Strang <i>et al.</i> (2013)	93 respiratory physicians in Sweden	Online questionnaire
31. Tsim and Davidson (2014)	Patients with COPD and Lung Cancer in Scotland	Retrospective cohort study of patients data
32. Weingaertner <i>et al.</i> (2014)	Patients with lung cancer (n=32) and advanced COPD (n=50) in the UK	Prospective longitudinal cohort study
33. White <i>et al.</i> (2011)	163 patients with severe COPD in the UK	Cross- sectional study using HADS
34. Wysham <i>et al.</i> (2015)	152 patients with Lung Cancer and 86 patients with a Chronic Lung Disease	Retrospective cohort study of patients data