

Indications and patterns of use of benzodiazepines and opioids in severe interstitial lung disease: a population-based longitudinal study

Table S1: Characteristics of the random sample of oxygen-dependent ILD patients prescribed benzodiazepines and/or opioids, by known or unknown indication

Characteristics	Patients prescribed BDZ in the random sample		Patients prescribed opioid in the random sample	
	With known indications (n=388)≠	With unknown indications (n=274)≠	With known indications (n=383)≠	With unknown indications (n=289)≠
Age (years)	76.1 (8.6)	76.8 (8.3)	75.4 (9.1)	75.9 (9.6)
Female, n (%)	169 (43.6)	126 (46.0)	181 (47.3)	138 (47.8)
FEV₁ % pred	66.9 (22.7)	66.8 (23.3)	65.3 (24.2)	64.8 (25.7)
% missing	156 (40.2)	114 (41.6)	161 (42.0)	129 (44.6)
VC % pred	56.1 (19.5)	55.0 (18.6)	55.7 (20.6)	55.3 (22.5)
% missing	155 (40.0)	115 (42.0)	160 (41.8)	129 (44.6)
FEV₁/VC	0.9 (0.7)	0.8 (0.1)	0.8 (0.2)	0.8 (0.2)
% missing	149 (38.4)	106 (38.7)	154 (40.2)	121 (41.9)
PaO₂ breathing air kPa	6.7 (0.9)	6.7 (1.0)	6.7 (1.0)	6.7 (0.9)
% missing	91 (23.5)	61 (22.3)	89 (23.2)	76 (26.3)
PaCO₂ breathing air kPa	5.1 (0.9)	5.2 (0.9)	5.2 (0.9)	5.2 (1.0)
% missing	92 (23.7)	61 (22.3)	91 (23.8)	77 (26.6)
Median (IQR) follow-up (days)	355 (154.5-639.5)	349 (148-687)	344 (141-694)	348 (158-752)

Data presented as mean (standard deviation) unless otherwise stated.

Abbreviations: interquartile range (IQR), forced expiratory volume in 1 s (FEV₁) % of predicted, vital capacity (VC) % of predicted, arterial oxygen tension (PaO₂), arterial carbon dioxide tension (PaCO₂) while breathing air and oxygen.

≠ *Overlap between columns:* 176 (36.3%) BDZ patients and 202 (43.0%) opioid patients in the random sample of prescriptions appear in both the known and unknown columns.

Table S2: Known indications for opioids and BDZ in the year before death for deceased LTOT patients.

	Indications n (%)			
Opioids				
Months before death	Pain	Breathlessness	Anxiety	Other
12-10	78 (96.3)	2 (2.5)	1 (1.2)	1 (1.2)
9-7	97 (96.0)	4 (4.0)	0 (0)	1 (1.0)
6-2	146 (94.8)	9 (5.8)	4 (2.6)	3 (2.0)
3-1	199 (92.1)	22 (10.2)	7 (3.2)	3 (1.4)
X ² p-value	0.380	0.048	0.276	0.930
Benzodiazepines				
Months before death	Pain	Breathlessness	Anxiety	Other
12-10	1 (1.3)	0 (0)	73 (96.1)	4 (5.3)
9-7	1 (1.1)	2 (2.1)	89 (94.7)	8 (8.5)
6-2	0 (0)	4 (2.5)	156 (95.7)	13 (8.0)
3-1	0 (0)	6 (2.3)	255 (97.7)	14 (5.4)
X ² p-value	0.166	0.608	0.501	0.587

These data also form the basis for Figure 1 in the main manuscript.