

## ONLINE SUPPLEMENTARY MATERIAL

**Table S1.** Baseline characteristics of patients in the INPULSIS® trials (N=1061)

Male, n (%)	841 (79.3)
Race, n (%)	
White	608 (57.3)
Asian	322 (30.3)
Other/missing	131 (12.3)
Age, years, mean (SD)	66.8 (8.0)
Body mass index, kg/m <sup>2</sup> , mean (SD)	27.9 (4.6)
Smoking history, n (%)	
Never smoked	296 (27.9)
Former smoker	718 (67.7)
Current smoker	47 (4.4)
Time since diagnosis of IPF, years, mean (SD)	1.6 (1.3)
Pulmonary function tests, mean (SD)	
FVC, % predicted	79.6 (17.8)
FEV <sub>1</sub> /FVC ratio, %	81.7 (5.9)
SpO <sub>2</sub> , %	95.8 (2.2)
DLco, % predicted*	47.2 (13.5)
SGRQ scores, mean (SD)	
Total†	39.5 (18.9)
Activity domain‡	52.2 (21.8)
Impact domain§	30.3 (20.3)
Symptoms domain	44.4 (22.6)
UCSD-SOBQ score, mean (SD)¶	32.9 (24.1)
CASA-Q cough symptoms score, mean (SD)	59.9 (23.2)
CASA-Q cough impacts score, mean (SD)*	75.2 (23.0)
EQ-5D VAS, mean (SD)‡	68.1 (17.5)

\*n=1060; †n=1043; ‡n=1051; §n=1049; ||n=1058; ¶n=979.

**Table S2.**Known-groups validity of the SGRQ. Mean SGRQ total and domain scores by FVC % predicted and use of supplemental oxygen at baseline

SGRQ score	FVC % predicted in lowest quartile		FVC % predicted in highest quartile		Mean (SD) difference	p-value	Supplemental oxygen		No supplemental oxygen		Mean (SD) difference	p-value
	N	Mean (SD)	N	Mean (SD)			N	Mean (SD)	N	Mean (SD)		
Total	262	47.0 (17.7)	259	32.0 (17.1)	15.0 (1.5)	<0.0001	91	51.3 (14.8)	952	38.4 (18.9)	12.9 (2.0)	<0.0001
Activity domain	263	60.7 (18.6)	260	43.8 (22.6)	16.9 (1.8)	<0.0001	91	68.2 (14.9)	960	50.7 (21.7)	17.5 (2.3)	<0.0001
Impact domain	262	37.3 (20.3)	261	23.3 (17.3)	14.0 (1.7)	<0.0001	91	40.6 (18.1)	958	29.3 (20.2)	11.3 (2.2)	<0.0001
Symptoms domain	264	50.4 (21.6)	265	36.7 (19.9)	13.7 (1.8)	<0.0001	92	53.0 (19.9)	966	43.6 (22.7)	9.4 (2.5)	<0.0001

**PGI-C:**

Check the one number that best describes how your respiratory condition is now, compared with how it was before you began taking medication in this study.

- 1- Very much better
- 2- Much better
- 3- A little better
- 4- No change
- 5- A little worse
- 6- Much worse
- 7- Very much worse