

## Supplementary Materials

**Table S1.** Clinical characteristics of the initial cohort (n=188).

Characteristic	Value
Mean age $\pm$ SD (y)	55.7 $\pm$ 17.6
F/M sex ratio	130/58
Smoking N (%)	75 (39.9%)
Origin	
Europe	124 (66%)
Africa	12 (6.4%)
Sub-Saharan Africa	40 (21.3%)
Asia	9 (4.8%)
Caribbean/South America	3 (1.6%)
Mean age at onset of symptoms (y)	32.1 $\pm$ 6.1
Mean age at diagnosis of bronchiectasis (y)	44.5 $\pm$ 22.5
Fertility	
Female (children)	103 (55%)
Male (children)	44 (23%)
History	
Measles	9 (4.8%)
Pertussis	28 (14.9%)
Tuberculosis	30 (16%)
Severe pneumonia	43 (22.9%)
History of chronic ENT symptoms	103 (54.8%)
Family history of respiratory disease	85 (45.2%)

ENT: ear nose and throat; SD: standard deviation.

**Table S2** Diagnosis characteristics of the 10 CF patients in the score construction group

Sex	Age at		CF Diagnosis	CFTR Mutation(s)	Sweat	NPD
	1 <sup>st</sup> symptom	Bronchiectasis Diagnosis				
F	3	23	23	F508del	55	+
F	10	52	75	F508del	65	
M	50	60	72	F508del/D1152H	88	
F	6	18	44	F508del/D1152H	44	+
F	1	29	32	F508del/R117C	99	
F	6	27	36	S549N/D1155A	75	
F	27	28	34	S549N/D1155A	67	
F	12	73	73	F508del/R117H	65	
F	13	20	69	R668C/G567/D443Y	67	
M	30	30	54	S466X; R1070Q/2789+GG>A	99	

NPD: nasal potential difference; CF: cystic fibrosis; F: female; M: male.

**Table S3** Performance of PICADAR score, Leigh score and our score in the validation cohort

<i>n</i> =136	PICADAR		Leigh		Current Score	
	≤ 5	> 5	< 2	≥ 2	≤ 8	>8
Non CF non PCD	122	0	120	2	67	55
CF	5	0	5	0	1	4
PCD	6	3	7	2	0	9

CF: cystic fibrosis; PCD: primary ciliary dyskinesia