

**Table S1** Baseline characteristics of patients with normal and abnormal chest X-ray in chronic cough

Characteristics	Patients with normal chest X-ray (n=5,038, 85.2%)	Patients with abnormal chest X-ray (n=873, 14.8%)	P value
Cough duration (months)	Median 6 (IQR, 3–12)	Median 7 (IQR, 3–12)	0.013
Age (years)	51.2±15.6	62.2±12.5	<0.001
Female sex (%)	64.6%	57.0%	<0.001
Smoking history (%)			
Never smoker	70.9%	62.1%	<0.001
Former smoker	17.4%	27.5%	<0.001
Current smoker	8.8%	8.3%	0.598
Physician-diagnosed history			
Respiratory disease (%)			
Allergic rhinitis	12.1%	7.1%	<0.001
Chronic rhinosinusitis	18.7%	17.1%	0.263
Asthma	21.5%	21.2%	0.839
Chronic obstructive pulmonary disease	1.4%	6.1%	<0.001
Bronchiectasis	0.3%	2.5%	<0.001
Pulmonary tuberculosis	0.2%	1.5%	<0.001
Interstitial lung disease	0.4%	1.8%	<0.001
None	56.6%	55.0%	0.383
Non-respiratory disease (%)			
Gastroesophageal reflux disease	10.3%	7.8%	0.021
Malignancy	6.9%	9.4%	0.007
Heart failure	0.4%	0.3%	0.696
Hypertension	22.0%	31.4%	<0.001
Diabetes mellitus	8.1%	13.6%	<0.001
None	62.8%	52.7%	<0.001
Concomitant symptoms (%)			
Abnormal throat sensation*	72.7%	68.3%	0.008
Sputum	60.1%	70.7%	<0.001
Postnasal drip/throat clearing	38.4%	29.9%	<0.001
Rhinorrhea	33.3%	35.1%	0.308
Sneeze	31.5%	28.4%	0.068
Nasal obstruction	27.2%	18.4%	<0.001
Dyspnea	24.7%	35.1%	<0.001
Wheeze	18.1%	25.7%	<0.001

Table S1 (continued)

**Table S1** (continued)

Characteristics	Patients with normal chest X-ray (n=5,038, 85.2%)	Patients with abnormal chest X-ray (n=873, 14.8%)	P value
Hoarseness	11.5%	12.5%	0.398
Throat pain	11.1%	9.5%	0.154
Heartburn	19.3%	18.4%	0.537
Acid regurgitation	16.2%	12.3%	0.003

Data were presented as mean  $\pm$  standard deviation, median (interquartile range), or percentages. \*, globus, tickling, or dryness. IQR, interquartile range.