

## Supplementary tables

Table S1. Clinical characteristics of the cases with chronic cough according to smoking status

	Total				
		Never smoker	Ex-smoker	Current smoker	P-value*
Prevalence, %		32.0 ± 3.2	20.3 ± 2.9	<b>47.7 ± 3.8</b>	
Age, year	58.0 ± 0.9	60.9 ± 1.5	62.3 ± 2.0	53.2 ± 1.2	0.01
Sex, male	64.7 ± 3.5	8.0 ± 3.2	88.9 ± 4.3	92.2 ± 3.0	<0.001
BMI, kg/m <sup>2</sup>	23.9 ± 0.2	24.0 ± 0.3	23.6 ± 0.5	24.0 ± 0.4	0.73
Underlying diseases					
Hypertension	36.9 ± 3.5	42.3 ± 5.9	47.4 ± 8.3	29.7 ± 5.2	0.32
Hyperlipidemia	18.4 ± 3.3	20.3 ± 5.1	27.2 ± 7.2	14.4 ± 5.4	0.75
Diabetes mellitus	15.4 ± 2.5	14.8 ± 4.3	25.1 ± 7.0	14.8 ± 3.9	0.60
History of tuberculosis	15.8 ± 2.7	14.9 ± 4.3	24.4 ± 7.2	12.9 ± 4.2	0.80
Angina, MI	7.1 ± 1.9	6.2 ± 2.5	10.1 ± 4.9	4.0 ± 2.4	0.91
Stroke	3.0 ± 1.1	4.7 ± 2.8	5.9 ± 2.6	0.9 ± 0.6	0.36
Findings on Chest X-ray					0.18
Normal	72.2 ± 3.4	77.8 ± 5.5	56.4 ± 8.7	78.6 ± 4.6	
Inactive lesion	23.7 ± 3.1	21.1 ± 5.5	38.8 ± 8.5	16.1 ± 3.8	
Active lesion	4.1 ± 1.2	1.1 ± 0.8	4.8 ± 3.2	5.4 ± 2.3	
Number of causes					<0.001
Unidentified	14.7 ± 3.1	38.1 ± 7.3	15.9 ± 5.5	0	
1	35.0 ± 4.4	37.1 ± 6.7	54.8 ± 9.8	25.8 ± 6.0	
2	37.6 ± 4.1	24.8 ± 6.5	29.2 ± 8.7	48.8 ± 6.1	
3	9.7 ± 2.9			19.5 ± 5.4	
4	2.9 ± 1.6			5.9 ± 3.3	

Data were represented as mean ± standard error, or frequency (%)

Abbreviation: BMI, body mass index; COPD, chronic obstructive pulmonary disease; UACS, upper airway cough syndrome; TB, tuberculosis; EQ5D, EuroQOL instrument