

Questionnaire

Association between Pulmonary Function and Air Quality in Urban Area among Fixed Street Vendors

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Written informed consent is obtained from the participants:		☐ Yes ☐ No	
Data collector ID			
Date of data collection		DD/MM/YYYY	
Time taken by the participant to complete			
S.No	Section	Response	Code
Section I: Demographic Information			
1.	Gender	☐ Male ☐ Female ☐ Other	SD1
2.	Age (years)		SD2
3.	Height (cm)		SD3
4.	Weight (kg)	☐ <50 ☐ 50–60 ☐ 61–70 ☐ >70	SD4
5.	BMI(kg/m ²)		SD5
6.	Marital status	☐ Single ☐ Married ☐ Other	SD6
Section II: Socioeconomic Information			
7.	Education level	☐ No formal education ☐ Primary ☐ Secondary ☐ College/University	SD7
8.	Monthly income (INR)	☐ <5,000 ☐ 5,000–20,000 ☐ >20,000	SD8
9.	Years working as street vendor	☐ ≤5 ☐ 6–10 ☐ >10	SD9
10.	Type of work	☐ Food	SD10

		☐ Clothing ☐ Stationery ☐ Others	
11.	Hours spent outdoors daily	☐ <8 ☐ 8 ☐ >8	SD11
Section III: Environmental Exposure			
12.	Proximity to major roads/traffic areas (meters)	☐ <50 ☐ 50–100 ☐ 101–500 ☐ >500	SD12
13.	Presence of industries nearby	☐ Yes ☐ No	SD13
14.	Daily dust/smoke exposure	☐ Low ☐ Moderate ☐ High	SD14
15.	What do you think about wearing mask at work		SD15
Section IV: Health Information and Symptoms			
16.	Exposure to second-hand smoke	☐ Yes ☐ No	SD16
17.	Shortness of breath during work	☐ Yes ☐ No	SD17
18.	Coughing during work	☐ Yes ☐ No	SD18
19.	Wheezing during work	☐ Yes ☐ No	SD19
20.	Cough with phlegm	☐ Yes ☐ No	SD20
21.	Frequency of breathlessness at work	☐ Rarely ☐ Sometimes ☐ Often ☐ Always	SD21
22.	Decrease in stamina over past year	☐ Yes ☐ No	SD22
23.	Chest tightness during/after work	☐ Yes ☐ No	SD23
Section V: Alcohol Consumption			
24.	Do you consume alcohol?	☐ Yes ☐ No	SD24
25.	If yes, frequency	☐ Occasionally ☐ Weekly ☐ Daily	SD25
Section VI: Modified Borg Dyspnea Scale			

	Rating	Shortness of Breath Level	At Rest (✓)	During Activity (✓)
26.	0	Nothing at all		
27.	0.5	Very very slight		
28.	1	Very slight		
29.	2	Slight		
30.	3	Moderate		
31.	4	Somewhat severe		
32.	5	Severe		
33.	7	Very severe		
34.	9	Very very severe		
35.	10	Maximal		
	Section VII: Pulmonary Function and Air Quality Data			
36.	Parameter	Values	Code	
37.	BHT (sec)		SD37	
38.	PEFR (L/min)		SD38	
39.	AQI (current)		SD39	
40.	AQI (1-month average)		SD40	
41.	AQI (1-year average)		SD41	

Thank you for your time and participation!