

Table 2. Gradation of Individual Responses to Short-Term Ozone Exposure in People with Lung Disease

Table 2a				
Functional Response	None	Small	Moderate	Large
FEV ₁ change	Decrements of <3%	Decrements of 3% to ≤10%	Decrements of >10% but <20%	Decrements of ≥20%
Nonspecific bronchial responsiveness	Within normal range	Increases of <100%	Increases of ≤300%	Increases of >300%
Airway resistance (SR _{aw})	Within normal range (± 20%)	SR _{aw} increased <100%	SR _{aw} increased up to 200% or up to 15cm H ₂ O/s	SR _{aw} increased >200% or more than 15 cm H ₂ O/s
Duration of response	None	<4 hr	>4 but ≤24 hr	>24 hr
Table 2b				
Symptomatic Response	Normal	Mild	Moderate	Severe
Wheeze	None	With otherwise normal breathing	With shortness of breath	Persistent with shortness of breath
Cough	Infrequent cough	Cough with deep breath	Frequent spontaneous cough	Persistent uncontrollable cough
Chest pain	None	Discomfort just noticeable on exercise or deep breath	Marked discomfort on exercise or deep breath	Severe discomfort on exercise or deep breath
Duration of response	None	<4 hr	>4 but ≤24 hr	>24 hr
Table 2c				
Impact of Various Functional and/or Symptomatic Responses	Normal Functional and/or Symptomatic Responses	Small Functional and/or Mild Symptomatic Responses	Moderate Functional and/or Symptomatic Responses	Large Functional and/or Severe Symptomatic Responses
Interference with normal activity	None	Few individuals likely to limit activity	Many individuals likely to limit activity	Most individuals likely to limit activity
Medical treatment/ Self Medication	No change	Normal medication as needed	Increased frequency or additional medication use	Increased likelihood of physician or ER visit

