ONLINE DATA SUPPLEMENT

Association between obstructive lung disease and markers of HIV infection in a high risk cohort

M. Bradley Drummond, Gregory D. Kirk, Jacquie Astemborski, Mariah M. Marshall, Shruti H. Mehta, John F. McDyer, Robert H. Brown, Robert A. Wise and Christian A. Merlo

e-Table 1. Characteristics associated with OLD defined by LLN criteria in entire cohort

Characteristic	Adjusted Odds Ratio (95% CI)*	P-value
Age (per 10 years)	0.96 (0.76-1.21)	0.73
Black race	0.71 (0.41-1.20)	0.20
BMI category (kg/m^2)		
<21	Reference	
21-27	0.92 (0.58-1.48)	
>27	0.59 (0.35-1.00)	0.02
Heavy smoking[†]	1.72 (1.12-2.64)	0.01
History of bacterial pneumonia	1.97 (1.23-3.14)	0.005
HIV status		
Negative	Reference	
Positive, VL<200,000 copies/mL	0.80 (0.53-1.20)	
Positive, VL≥200,000 copies/mL	3.08 (1.14-8.32)	0.85

*Adjusted for other variables in the table as well as gender and current injection drug use. [†]≥40 pack-year vs <40 pack-years smoking. OLD= Obstructive lung disease; LLN= Lower limit of normal; 95%CI= 95% confidence interval; BMI= Body mass index. HIV= Human immunodeficiency virus; VL= Viral load.

e-Table 2. Characteristics associated with OLD defined by LLN criteria among HIV-infected participants only

Characteristic	Adjusted Odds Ratio (95% CI)*	P-value
Age (per 10 years)	1.07 (0.64-1.77)	0.80
Black race	0.39 (0.12-1.30)	0.02
BMI category (kg/m^2)		
<21	Reference	
21-27	0.74 (0.33-1.66)	
>27	0.71 (0.28-1.77)	0.48
Heavy smoking[†]	1.41 (0.62-3.17)	0.41
History of bacterial pneumonia	1.84 (0.92-3.69)	0.08
Antiretroviral use	0.62 (0.31-1.24)	0.18
VL≥200,000 copies/mL vs. VL<200,000 copies/mL	3.79 (1.33-10.8)	0.01

*Adjusted for other variables in the table as well as current injection drug use and gender. [†]≥40 pack-year smoking versus <40 pack-years smoking. LLN= Lower limit of normal; 95%CI= 95% confidence interval; BMI= Body mass index. HIV= Human immunodeficiency virus; VL= Viral load.