

**SUPPLEMENTAL Table (on line)**

Table 4a: Factors Associated with **Type B or C IRIS** in Case Control Conditional Logistic Regression Univariate and Multivariate Models in the HIV Outpatient Study, U.S. 1996-2007 (N=1,652)(mucocutaneous IRIS events excluded)

Baseline factors	OR (95% CI)	p-value	adjusted OR (95% CI)	p-value
Age (years)				
35-49	0.81 (0.55, 1.20)	0.30	0.89 (0.53, 1.48)	0.64
50+	0.82 (0.48, 1.41)	0.48	1.36 (0.69, 2.71)	0.38
18-34	referent		referent	
Gender				
Female	2.50 (1.64, 3.81)	<0.001	1.72 (0.84, 3.54)	0.14
Male	referent		referent	
Race/ethnicity				
White, non-Hispanic	referent		referent	
All other	2.60 (1.83, 3.68)	<0.001	1.28 (0.79, 2.08)	0.32
HIV risk group				
IDU	3.84 (2.26, 6.52)	<0.001	1.91 (0.89, 4.10)	0.29
HRH <sup>a</sup>	3.08 (2.06, 4.62)	<0.001	1.45 (0.73, 2.86)	0.098
Other/unknown	1.34 (0.78, 2.31)	0.29	0.92 (0.30, 2.80)	0.89
MSM	referent		referent	
CD4 count (cells/mm <sup>3</sup> )*				
<50	15.86 (9.14, 27.52)	<0.001	11.7 (6.28, 21.85)	<0.001
50-199	3.56 (2.13, 5.94)	<0.001	2.93 (1.68, 5.10)	<0.001
≥200	referent		referent	
HIV viral load (log <sub>10</sub> copies/ml)*				
<4	referent		referent	
4-<5	1.99 (1.09, 3.64)	0.025	2.14 (0.97, 4.76)	0.061
≥5	5.43 (3.04, 9.72)	<0.001	3.46 (1.59, 7.52)	0.002
HCV or				

HBVcoinfection				
Yes	1.81 (1.18, 2.77)	0.007	1.77 (0.95,3.31)	0.073
No	referent		referent	
TB Exposure				
Yes	1.89 (0.88, 4.08)	0.10	0.68 (0.23,2.00)	0.48
No	referent		referent	

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\*Viral load and CD4 values closest to the start of a new or different cART within the preceding 180 days

<sup>a</sup>High Risk Heterosexual

NOTE: IDU, injection drug use; MSM, Men who have sex with men; TB tuberculosis; HCV, hepatitis C virus; HBV, hepatitis B virus.

**SUPPLEMENTAL Table (on-line)**

Table 4b: Factors Associated with **Mucocutaneous IRIS** in Case-Control Conditional Logistic Regression Univariate and Multivariable Models in the HIV Outpatient Study, U.S. 1996-2007 (N=1,678) (Type B and C IRIS events excluded)

Baseline factors	OR (95% CI)	p-value	Adjusted OR (95% CI)	p-value
Age (years)				
35-49	0.82 (0.57, 1.17)	0.28	0.63 (0.41, 0.96)	0.032
50+	0.49 (0.57, 0.86)	0.013	0.42 (0.22,0.81)	0.009
18-34	referent		referent	
Gender				
Female	1.20 (0.77, 1.87)	0.42	0.73 (0.38, 1.42)	0.36
Male	referent		referent	
Race/ethnicity				
White, non-Hispanic	referent		referent	
All other	2.34 (1.70, 3.22)	<0.001	1.69 (1.14,2.51)	0.010
HIV risk group				
IDU	1.59 (0.90, 2.82)	0.11	1.19 (0.56, 2.54)	0.65
HRH <sup>a</sup>	1.65 (1.11, 2.45)	0.013	1.66 (0.89, 3.10)	0.11
Other/unknown	1.13 (0.55, 2.32)	0.73	0.76 (0.32, 1.81)	0.54
MSM	referent		referent	
CD4 count (cells/mm <sup>3</sup> )*				
<50	4.42 (2.88, 6.77)	<0.001	3.04 (1.87, 4.96)	<0.001
50-199	2.20 (1.45, 3.35)	<0.001	2.06 (1.32,3.22)	0.002
≥200	referent		referent	
HIV viral load (log <sub>10</sub> copies/ml)*				
<4	referent		referent	
4-<5	1.17 (0.72, 1.90)	0.53	1.01 (0.59,1.72)	0.97
≥5	2.83 (1.77,4.52)	<0.001	1.93 (1.12,3.34)	0.018
HCV or HBV co-infection				
Yes	0.99 (0.61, 1.62)	0.98	0.83 (0.46, 1.49)	0.53
No	referent		referent	
TB Exposure				
Yes	1.11 (0.54, 2.28)	0.77	1.20 (0.54,2.64)	0.66
No	referent		referent	

\*Viral load and CD4 values closest to the start of a new or different cART within the preceding 180 days

<sup>a</sup>High Risk Heterosexual

NOTE: IDU, injection drug use; MSM, Men who have sex with men; TB tuberculosis; HCV, hepatitis C virus; HBV, hepatitis B virus.

