

Supplemental table 1

Baseline Characteristics of Study Population

	Population with MCS				
	non-HIV	HIV		AIDS	Total
Approximate total (weighted)	279929	520		527	280976
Percentage of patients by HIV status	99.63%	0.18%		0.19%	100%
Characteristics	non-HIV	HIV	p*	AIDS	p†
Age (years)	64.2 (64.1-64.4)	53.4 (51.4-55.4)	<0.001	52.4 (50.1-54.6)	<0.001
Sex					
Male	69.9%	83.7%	reference	87.7%	
Female	30.1%	16.4%	0.003	12.3%	<0.001
Race					
White	73.9%	41.0%	reference	45.0%	
Black	9.8%	37.0%	<0.001	37.0%	<0.001
Hispanic	8.2%	15.0%	<0.001	12.0%	0.009
Other	8.2%	7.0%	0.27	6.0%	0.69
Hospital bed size					
Small	7.3%	10.7%	reference	5.7%	
Medium	20.2%	24.3%	0.53	22.6%	0.39
Large	7.5%	65.1%	0.13	71.7%	0.51
Hospital teaching status (urban)					
Non-teaching	33.1%	31.0%	reference	13.7%	
Teaching	66.9%	69.0%	0.65	86.3%	<0.001
Elixhauser comorbidities (enhanced ICD-9)					
Characteristics	non-HIV	HIV	p*	AIDS	p†
Mean Elixhauser comorbidity index	4.65 (4.63-4.67)	4.07 (3.63-4.52)	0.01	5.38 (4.90-5.87)	0.003
Elixhauser comorbidities					
Congestive heart failure	56.9%	46.2%	0.03	51.9%	0.3
Cardiac arrhythmias	57.4%	40.4%	<0.001	51.9%	0.25
Valvular disease	25.4%	19.2%	0.14	15.1%	0.01
Pulmonary circulation disorders	12.7%	15.4%	0.42	8.5%	0.18
Peripheral vascular disorders	12.2%	5.8%	0.05	8.5%	0.26
Hypertension, uncomplicated	44.5%	52.9%	0.11	36.8%	0.1
Paralysis	1.3%	1.9%	0.6	0.9%	0.76
Other neurological disorders	14.1%	12.5%	0.67	17.9%	0.3
Chronic pulmonary disease	28.2%	27.9%	0.94	24.5%	0.37
Diabetes, uncomplicated	29.5%	21.2%	0.06	17.0%	0.004
Diabetes, complicated	6.6%	4.8%	0.47	4.7%	0.42
Hypothyroidism	8.9%	3.9%	0.08	0.9%	0.03
Renal failure	21.6%	12.5%	0.04	26.4%	0.21
Liver disease	11.5%	14.4%	0.34	21.7%	0.002
Peptic ulcer disease excluding bleeding	0.6%	0.0%	-	0.9%	0.61
AIDS	0.0%	0.0%	-	100.0%	-
Lymphoma	0.7%	1.9%	0.11	4.7%	<0.001
Metastatic cancer	0.6%	0.0%	-	0.0%	-
Solid tumor without metastasis	1.6%	0.0%	-	3.8%	0.08
Rheumatoid arthritis / collagen vascular	2.2%	1.0%	0.41	0.0%	-
Coagulopathy	22.4%	16.4%	0.14	22.6%	0.99
Obesity	14.9%	7.7%	0.04	9.4%	0.13
Weight loss	9.5%	10.6%	0.7	13.2%	0.21
Fluid and electrolyte disorders	43.8%	38.5%	0.3	46.2%	0.68
Blood loss anemia	1.2%	0.0%	-	0.9%	0.95
Deficiency anemia	2.1%	3.9%	0.17	2.8%	0.57
Alcohol abuse	3.9%	4.8%	0.7	4.7%	0.7
Drug abuse	2.5%	19.2%	<0.001	13.2%	<0.001
Psychoses	0.9%	1.0%	0.95	0.0%	-
Depression	7.2%	10.6%	0.2	11.3%	0.12
Hypertension, complicated	20.2%	12.5%	0.09	19.8%	0.92
AIDS-defining illnesses	non-HIV	HIV	p*	AIDS	p†
Pneumocystis	0.01%	0.0%	-	9.4%	<0.001
Tuberculosis	0.03%	0.0%	-	0.0%	-
Atypical mycobacteria	0.04%	0.0%	-	0.9%	0.001
Kaposi's sarcoma	0.0%	0.0%	-	2.8%	<0.001
Burkitt's lymphoma	0.0%	0.0%	-	0.0%	-
Primary CNS lymphoma	0.0%	0.0%	-	0.0%	-
One or more of the above	0.08%	0.0%	-	13.2%	<0.001

* p-values reflect comparison between HIV and non-HIV infected individuals.

† p-values reflect comparison between AIDS and non-HIV infected individuals.