

Supplementary Table 1: Risk Factors of Interest	
Category	Variable
Demographic Characteristics	Age at transplant
	Gender
	Race
	Ethnicity
Comorbid Conditions	Cytomegaloviral disease (after transplant)
	HIV
	Diabetes mellitus (DM)
	Viral hepatitis
	Chronic granulomatous disease
	COPD
	Asthma
	Cigarette smoking
Transplant-related factors	Donor type
	Rejection
	History of graft failure
	Myclophenate mofetil
	Cyclosporine
	Tacrolimus
	Sirolimus
	Prednisone
	Anti-thymocyte globulin
	Azathioprine
	Everolimus
	Muromonab
	Basiliximab
	Thymoglobulin
Rituximab	
Infliximab	
<i>Nocardia</i> infection presentations	Pneumonia
	Brain abscess
	Bacteremia
	Cellulitis

Supplementary Table 2: CPT and ICD-9 Codes	
Nocardia	039.1, 039.8, 039.9
Kidney transplant	V42.0, E878.0

History of rejection: kidney transplant	996.81
CMV	078.5
HIV	V08, 042
Diabetes Mellitus	249.0, 250.0, 250.1, 250.2, 250.3, 250.4, 250.5, 250.6, 250.7, 250.8, 250.9
Hepatitis B	070.2, 070.3
Hepatitis C	070.41, 070.44, 070.54, 070.70, 070.71, V02.62
Chronic granulomatous disease	288.1
COPD	496
Asthma	493.9, 493.2
Cigarette smoking	V15.82
Pneumonia	793.11, 486
Brain Abscess	324
Bacteremia	790.7
Cellulitis	682.8
Cutaneous nodules	782.2