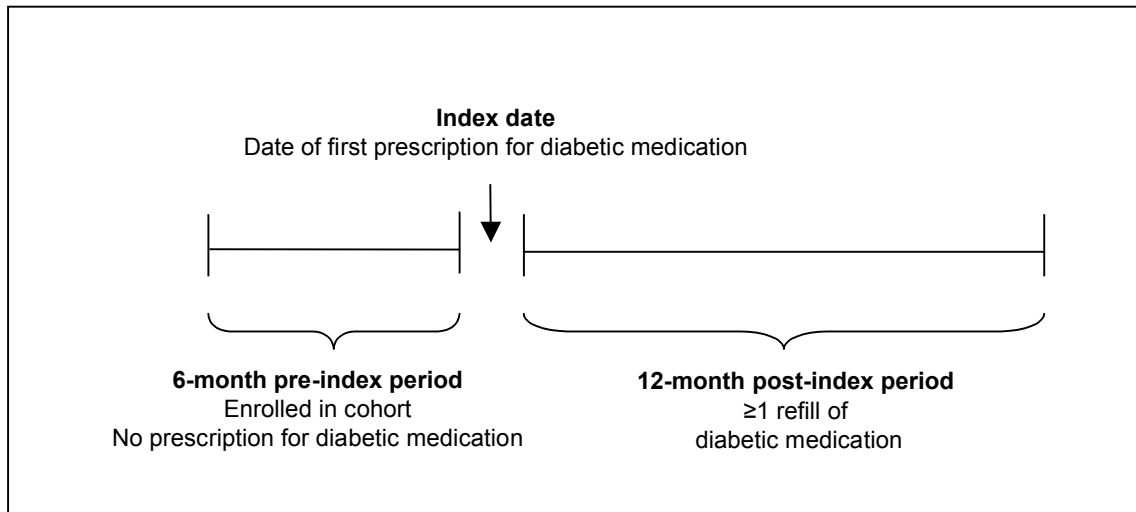
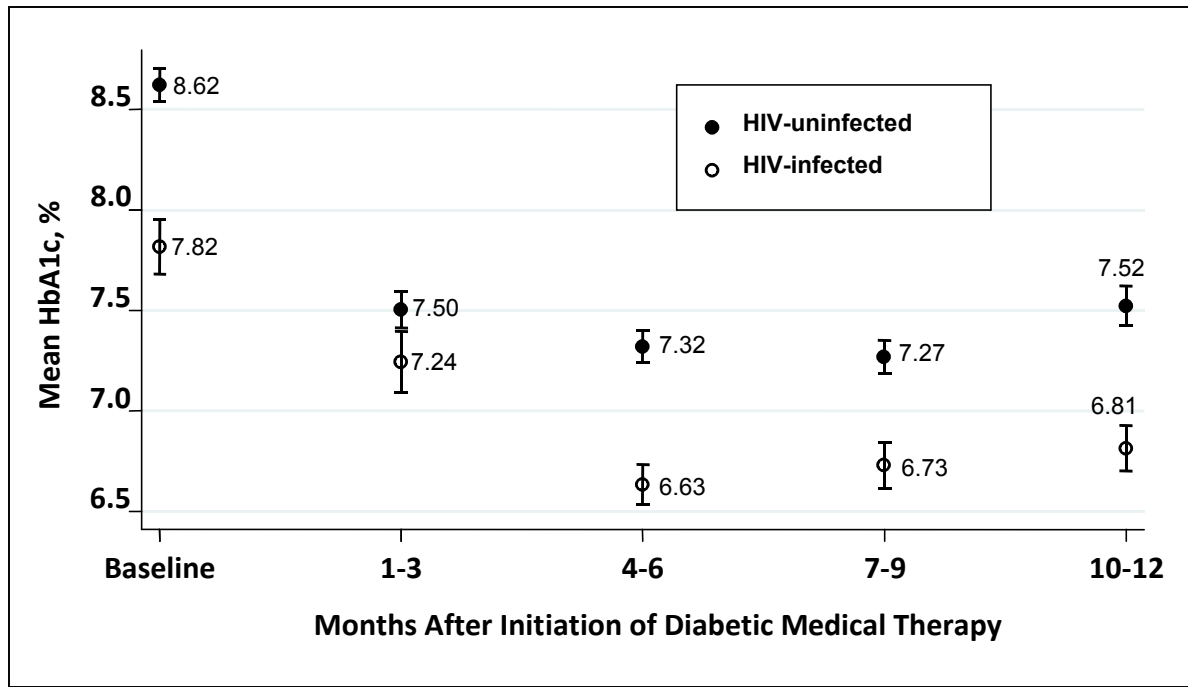


**Supplemental Digital Content: Figure 1. Study New-User Criteria.**



**Supplemental Digital Content: Figure 1 Legend.** Inclusion and exclusion criteria used to determine new-user status.

**Supplemental Digital Content: Figure 2. Observed Changes in Mean HbA1c Among HIV-Infected and HIV-Uninfected New-Users of Diabetic Medical Therapy.**



**Supplemental Digital Content: Figure 2 Legend.** Unadjusted changes in HbA1c in the year after initiation of diabetic medical therapy. Numbers indicate mean values. Error bars indicate standard errors.



**Supplemental Digital Content: Table 1. ICD-9 Codes Used to Determine Presence of Comorbid Conditions.**

<b>Comorbid condition</b>	<b>ICD-9 Codes</b>
Major psychiatric disorders	Schizophrenic disorders (295.x); bipolar and major depressive disorders (296.x); depressive disorder, not elsewhere classified (311)
Alcohol abuse	Alcohol dependence syndrome (303.x); nondependent alcohol abuse (305.0)
Substance abuse <sup>a</sup>	Dependent substance abuse (304.x); nondependent substance abuse (305.x, except 305.0)
Hepatitis C infection	Chronic hepatitis C without hepatic coma (070.54); chronic hepatitis C with hepatic coma (070.44); unspecified viral hepatitis C (070.7x)

<sup>a</sup> Includes use of amphetamines, barbiturates, cocaine/crack, cannabis, opiates, and hallucinogens.

**Supplemental Digital Content: Table 2. Adjusted Changes in HbA1c in New-Users of Diabetic Medical Therapy Based on a Multivariable Regression Model of ART Regimen Using Generalized Estimating Equations.**

Variable	Regression Coefficient (95% CI)	P Value
ART regimen <sup>a</sup>		
PI-based	-0.21 (-0.35, -0.08)	0.002
Non-PI-based	-0.10 (-0.25, 0.06)	0.21
Age	-0.007 (-0.01, -0.001)	0.02
Baseline HbA1c	0.56 (0.53, 0.59)	<0.001
BMI	0.01 (0.002, 0.02)	0.01
Year of medication initiation	-0.03 (-0.05, -0.01)	0.003
Medication intensification	0.24 (0.007, 0.47)	0.04
Time <sup>b</sup>		
1-3 months	-1.13 (-1.28, -0.97)	
4-6 months	-1.23 (-1.38, -1.07)	<0.001 <sup>c</sup>
7-9 months	-1.16 (-1.33, -1.00)	
10-12 months	-1.07 (-1.24, -0.89)	

Abbreviations: HbA1c, hemoglobin A1c; ART, antiretroviral therapy; CI, confidence interval; PI, protease inhibitor; BMI, body mass index.

<sup>a</sup>Reference category, subjects without HIV infection.

<sup>b</sup>Reference category, “baseline,” prior to initiation of diabetic medical therapy.

<sup>c</sup>Wald test for individual and all time terms in the final model.

