



THE PRIMARY CARE COMPANION FOR CNS DISORDERS

Supplementary Material

Article Title: The Burden of Neuropsychiatric Disorders in Medicaid Patients Living With HIV-1 Treated With Integrase Inhibitor or Protease Inhibitor Antiretroviral Therapies

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DOI Number: <https://doi.org/10.4088/PCC.22m03374>

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Supplementary Table S1. Neuropsychiatric Disorders of Interest

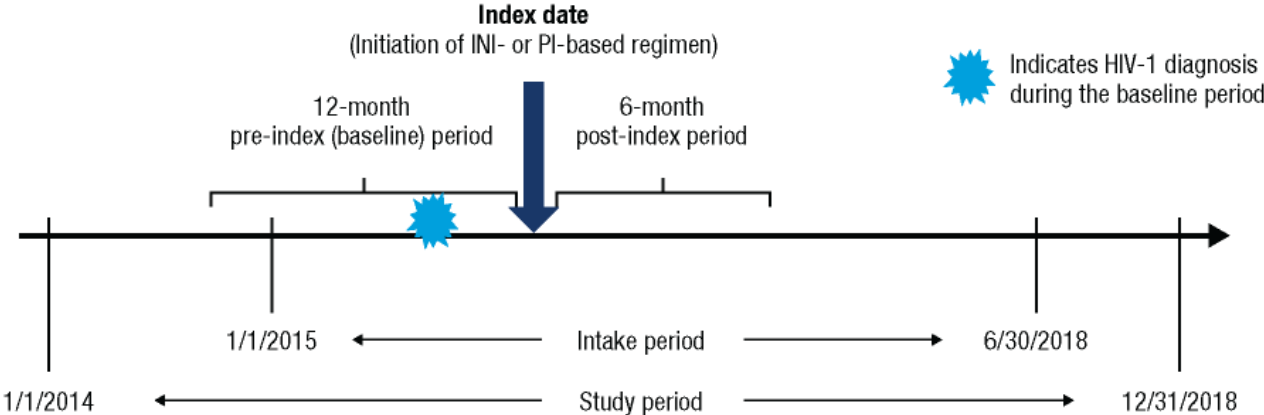
Chronic
Anxiety
Depression, diagnosed
Depression, diagnosed and treated
Bipolar/manic depression
Trauma- and stressor-related disorders
Acute
Dizziness
Fatigue
Headache
Insomnia/sleep disorder
Suicidal ideation
Suicidal attempt
Cognitive impairment/poor concentration

Supplementary Table S2. ART Regimens at Index

Index regimen	INI-based (N=3,499)	PI-based (N=430)
PI-based, n (%)		
Darunavir-based	–	332 (77)
Atazanavir-based	–	77 (18)
Other PI-based	–	22 (5)
INI-based, n (%)		
Dolutegravir-based	1,685 (48)	–
Elvitegravir-based	1,576 (45)	–
Raltegravir-based	186 (5)	–
Bictegravir-based	62 (2)	–

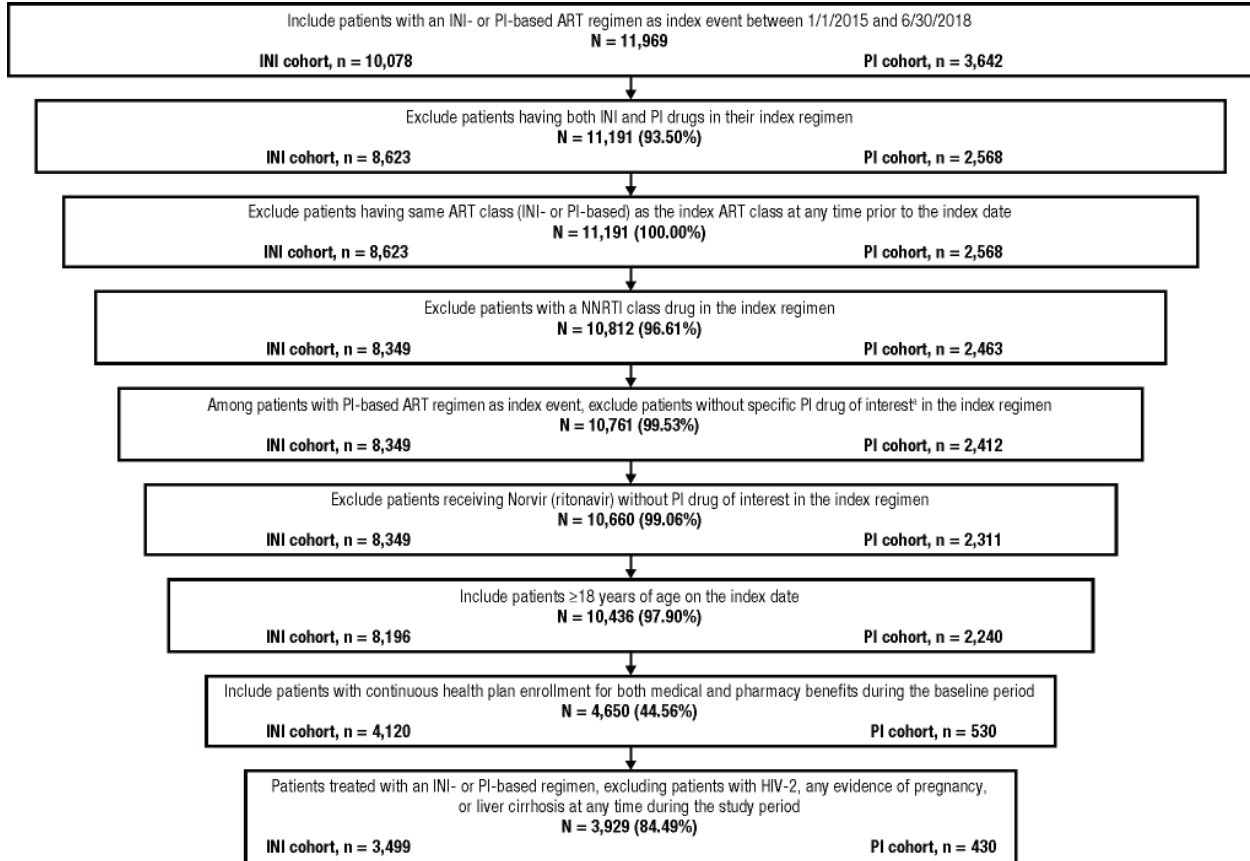
Abbreviations: ART, antiretroviral therapy; INI, integrase inhibitor; PI, protease inhibitor.

Supplementary Figure S1. Study Design



Abbreviations: HIV-1, human immunodeficiency virus 1; INI, integrase inhibitor; PI, protease inhibitor.

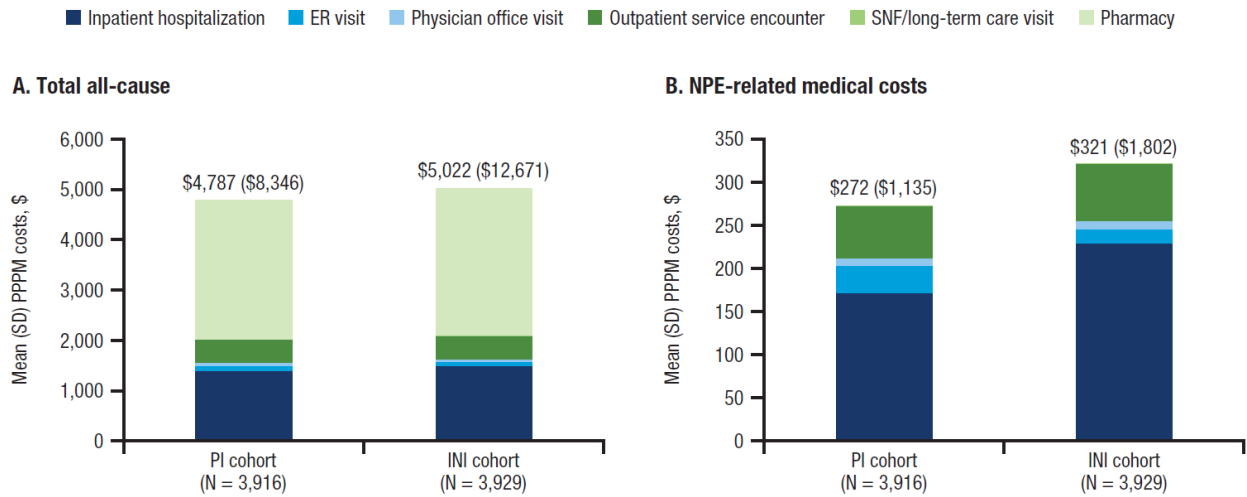
Supplementary Figure S2. Patient Attrition



^aIncludes Reyataz (atazanavir), Prezista (darunavir), Prezcofix (darunavir/cobicistat), Kaletra (lopinavir/ritonavir), Symtuza (darunavir/cobicistat/emtricitabine/tenofovir alafenamide), and Norvir (ritonavir).

Abbreviations: ART, antiretroviral therapy; HIV-2, human immunodeficiency virus-2; INI, integrase inhibitor; NNRTI, non-nucleoside reverse transcriptase inhibitor; PI, protease inhibitor.

Supplementary Figure S3. Adjusted Costs During the 6-Month Post-Index Period



Abbreviations: ER, emergency room; INI, integrase inhibitor; NPE, neuropsychiatric event; PI, protease inhibitor; PPPM, per-patient-per-month; SD, standard deviation; SNF, skilled nursing facility.