

13 - References

References

Drug treatment of psychiatric symptoms in the context of other conditions CHAPTER 10 A 2023 systematic review concluded that dolutegravir-based regimens led to higher discontinuation rates due to neuropsychiatric adverse effects compared with those treated with bictegravir, emtricitabine and tenofovir alafenamide. Antiretroviral regimen choice should evidently take into account the individual's risk factors for developing neuropsychiatric adverse effects.⁴⁶ References

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Drug Adverse psychiatric effects/comments Etravirine Sleep disturbance Nevirapine Visual hallucinations, persecutory delusions, mood changes, nightmares and vivid dreams, depression. A handful of cases have been reported. Onset of symptoms was within the first couple of weeks. Symptoms all resolved on discontinuation of nevirapine. Rilpivirine Depression, suicidality, sleep disturbances. A similar adverse effect profile to efavirenz but a lower incidence of each event. May exacerbate psychiatric symptoms; consider avoiding in patients with a history of psychiatric illness. Integrase strand transfer inhibitors Dolutegravir, elvitegravir, raltegravir Insomnia, depression, suicidal ideation (particularly with dolutegravir and symptoms may appear within first months of treatment) Bictegravir Depression incidence similar to dolutegravir (though suicidality greater for dolutegravir) but further data required Cabotegravir Limited data but incidence appears low – also long acting and so effects may be prolonged

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schizophrenia in HIV-infected patients. 2021 (last accessed May 2024); <https://pro.uptodatefree.ir/Show/4864>. 31. Spiegel DR, et al. The successful treatment of mania due to acquired immunodeficiency syndrome using ziprasidone: a case series. *J Neuropsychiatry Clin Neurosci* 2010; 22:111–114. 32. Armoon B, et al. HIV related stigma associated with social support, alcohol use disorders, depression, anxiety, and suicidal ideation among people living with HIV: a systematic review and meta-analysis. *Int J Ment Health Syst* 2022; 16:17. 33. Saloner R, et al. Benzodiazepine use is associated with an increased risk of neurocognitive impairment in people living with HIV. *J Acquir Immune Defic Syndr* 2019; 82:475–482. 34. Brogan K, et al. Management of common psychiatric conditions in the HIV-positive population. *Curr HIV/AIDS Rep* 2009; 6:108–115. 35. Bourgeois J, et al. *HIV Psychiatry*. Cham: Springer; 2022. 36. Wang Y, et al. Global prevalence and burden of HIV-associated neurocognitive disorder. *Neurology* 2020; 95:e2610–e2621. 37. Nightingale S, et al. Cognitive impairment in people living with HIV: consensus recommendations for a new approach. *Nat Rev Neurol* 2023; 19:424–433. 38. Elendu C, et al. HIV-related neurocognitive disorders: diagnosis, treatment, and mental health implications: a review. *Medicine (Baltimore)* 2023; 102:e35652. 39. Farhadian N, et al. Effectiveness of naltrexone treatment for alcohol use disorders in HIV: a systematic review. *Subst Abuse Treat Prev Policy* 2020; 15:24. 40. Panel on Antiretroviral Guidelines for Adults and Adolescents. Guidelines for the use of antiretroviral agents in adults and adolescents with HIV. Department of Health and Human Services. 2024 (last accessed May 2024); <https://clinicalinfo.hiv.gov/sites/default/files/guidelines/documents/adult-adolescent-arv/guidelines-adult-adolescent-arv.pdf>. 41. Waters L, et al. BHIVA guidelines on antiretroviral treatment for adults living with HIV-1 2022. *HIV Med* 2022; 23 Suppl 5:3–115. 42. Panel on Antiretroviral Guidelines for Adults and Adolescents. Guidelines for the use of antiretroviral agents in adults and adolescents living with HIV. Department of Health and Human Services. 2017 (last accessed August 2024); <https://clinicalinfo.hiv.gov/en/guidelines/hivclinical-guidelines-adult-and-adolescent-arv/whats-new>. 43. World Health Organization. Consolidated guidelines on the use of antiretroviral drugs for treating and preventing HIV infection: - recommendations for a public health approach, 2nd edn. 2016; <http://www.who.int/hiv/pub/arv/arv-2016/en>. 44. Parker C. Psychiatric effects of drugs for other disorders. *Medicine* 2016; 44:768–774. 45. Préta LH, et al. Association of depression and suicidal behaviour reporting with HIV integrase inhibitors: a global pharmacovigilance study. *J Antimicrob Chemother* 2023; 78:1944–1947. 46. Pérez-Valero I, et al. Real-world discontinuations due to neuropsychiatric symptoms in people living with HIV treated with second-generation integrase inhibitors: a systematic review. *Expert Rev Anti Infect Ther* 2023; 21:655–665.

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