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Beyond Syndemics: A Systematic, Multi-Level Framework to Build Evidence and Develop Biomedical HIV Prevention Interventions Specifically for People with Mental Illness

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Disclosures

- Receipt of investigator-initiated funding from Gilead Sciences.
- No other disclosures or COI.



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Introduction

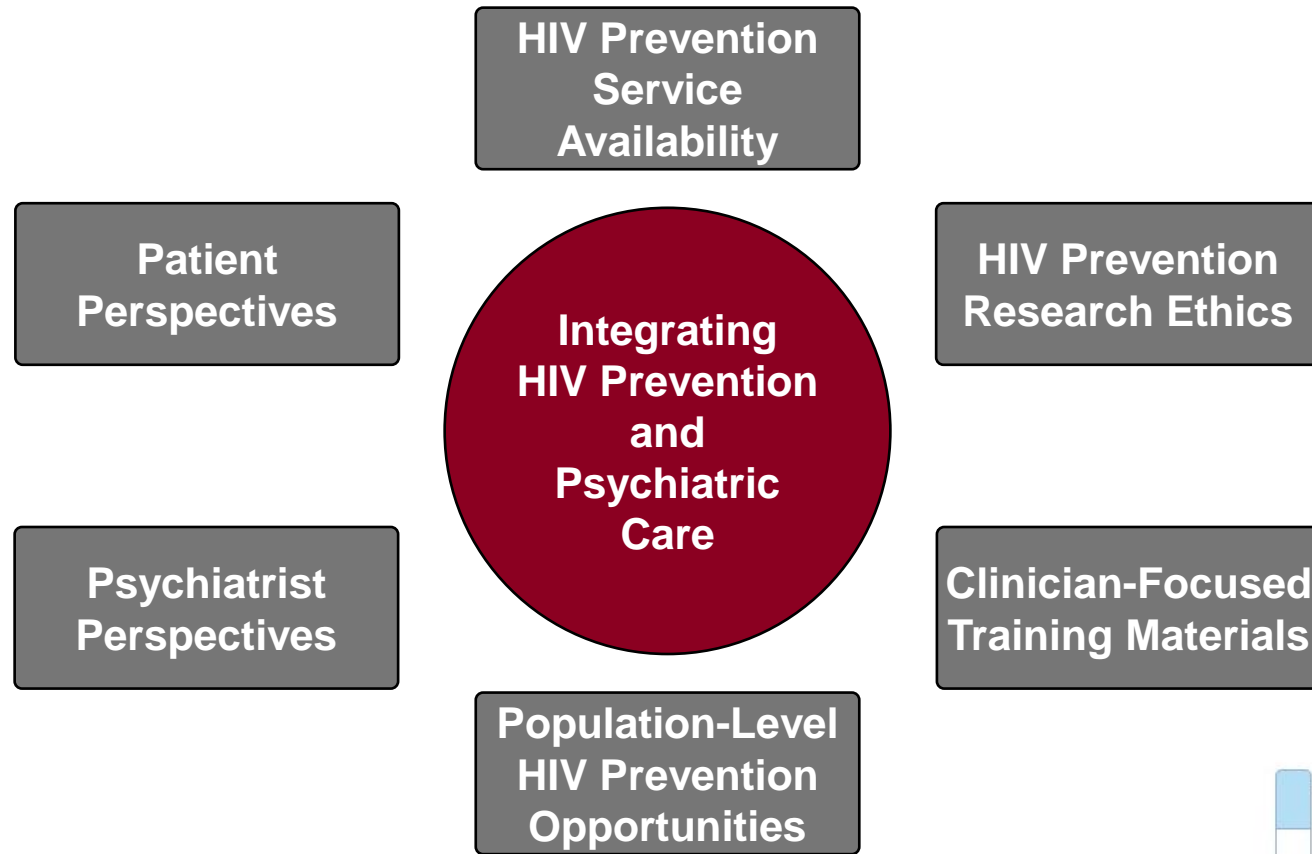
- Psychiatric illness and substance use disorders are broadly associated with greater HIV incidence^{1,2}
- Prevalence of HIV estimated to be 10x greater among patients with severe mental illnesses compared to peers³
- HIV contributes significantly to the 25-year life expectancy gap⁴
- Data describing use of HIV pre-exposure prophylaxis (PrEP) among psychiatric patients largely absent
- Engagement of psychiatric patients critical to end HIV⁵

1. Mead & Sikkema. Clin Psych. Rev. 2005.
2. McGinty et al. Schiz. Bull. 2021.
3. Hughes E, et al. Lancet Psychiatry. 2016.
4. Momen et al. JAMA Psych. 2022.
5. Collins, P. et al. JIAS. 2021.

A Multi-Level Framework to Inform PrEP Scale-Up

- The Chicago Study for HIV Prevention in Psychiatry
- Focused on capturing data to support increased use of PrEP among psychiatric patients
- Combination of existing data analysis and active data collection

 **The Chicago Study
for HIV Prevention
in Psychiatry******



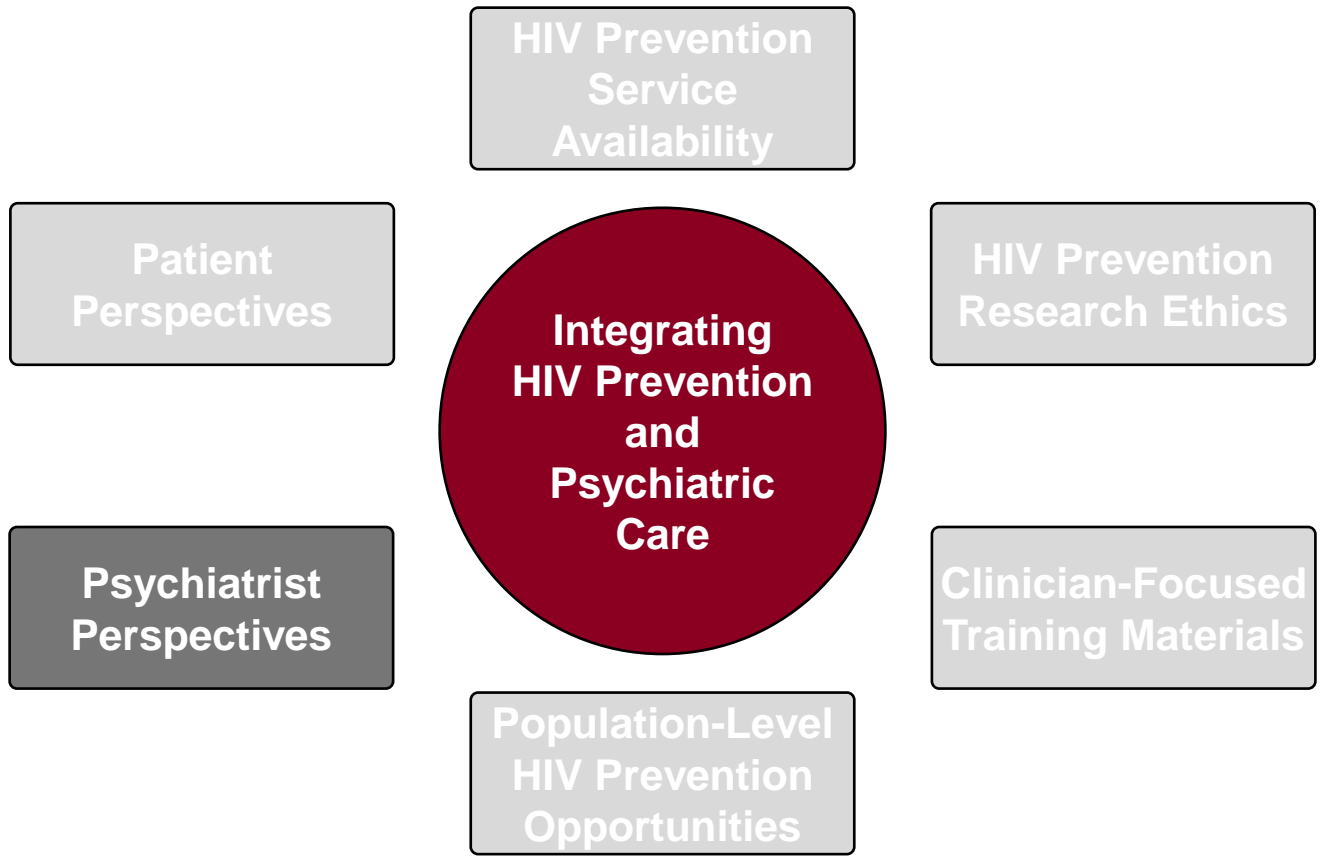
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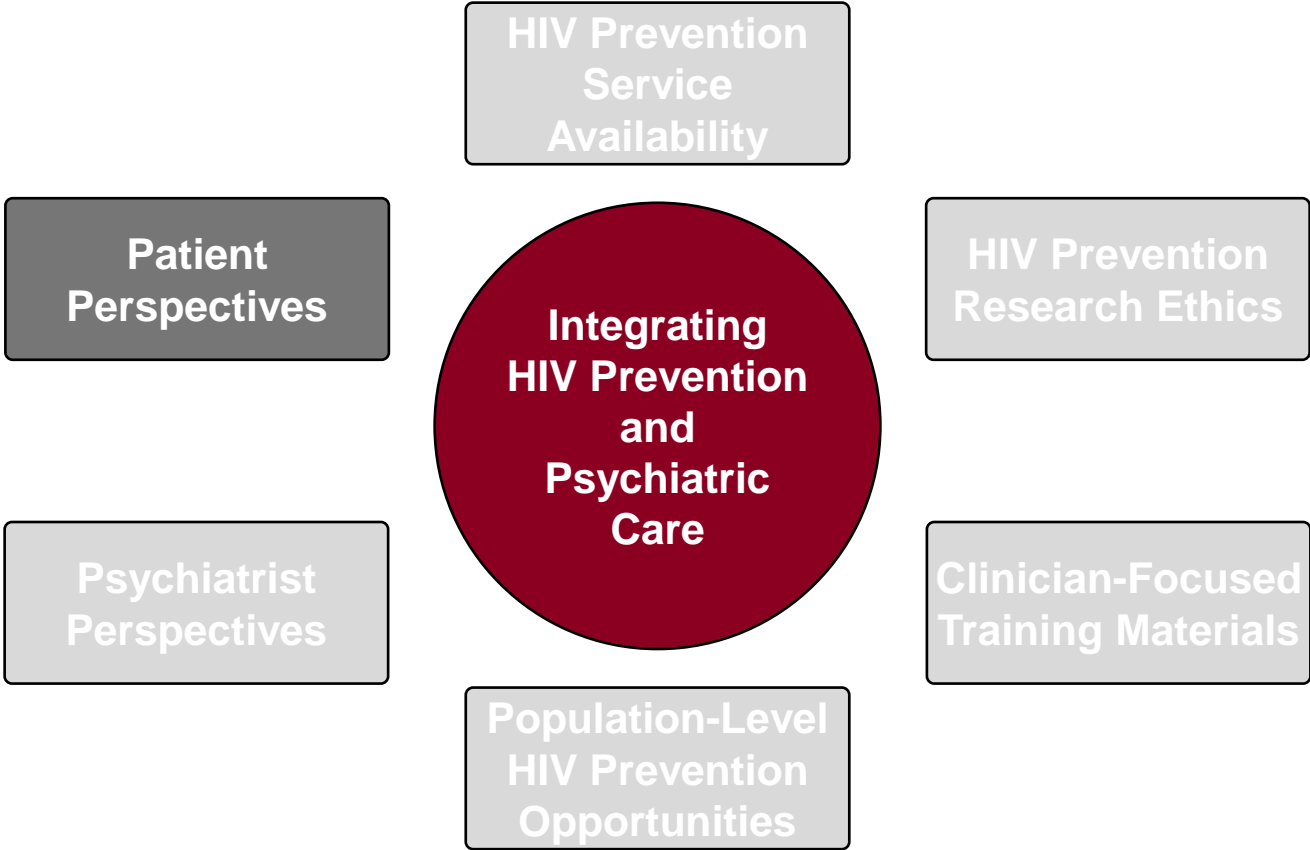
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National survey of psychiatrists in the U.S. (N = 880) previous experiences with PrEP for HIV prevention, including previous prescription, training needs, perceived and realized barriers to PrEP prescription in a diversity of psychiatric care settings.

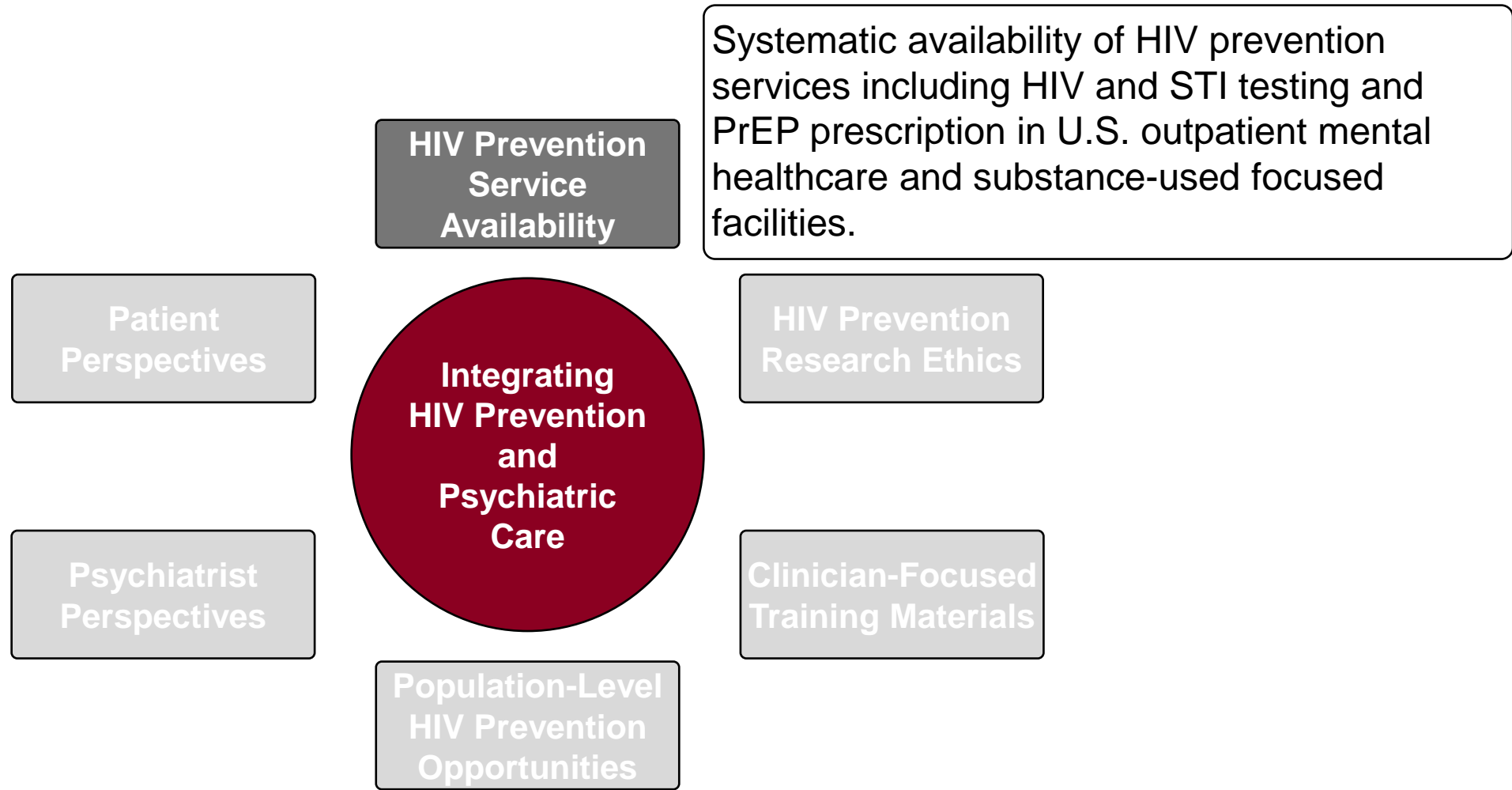


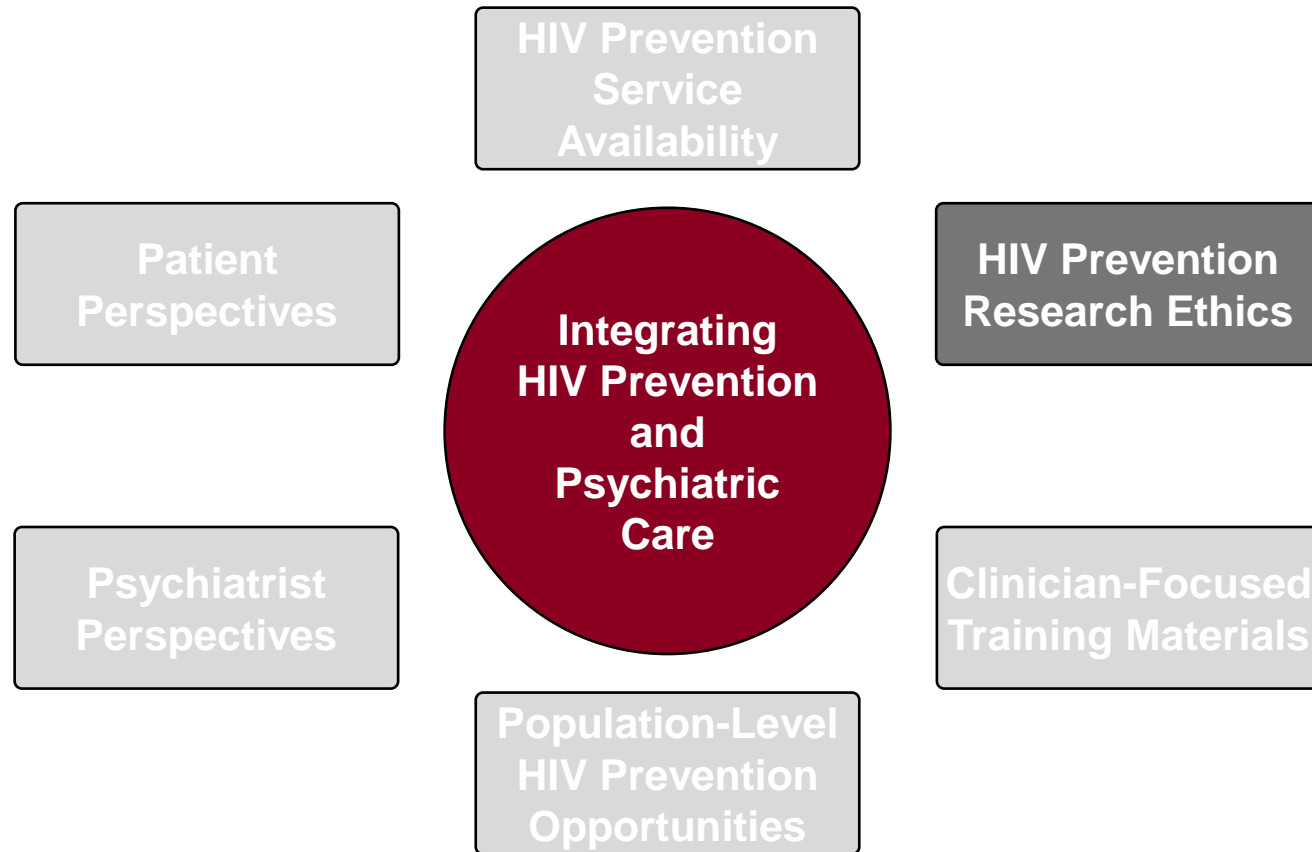
Survey of patients in outpatient psychiatry clinics about integration of HIV prevention and psychiatric care services to guide implementation of service co-location models.



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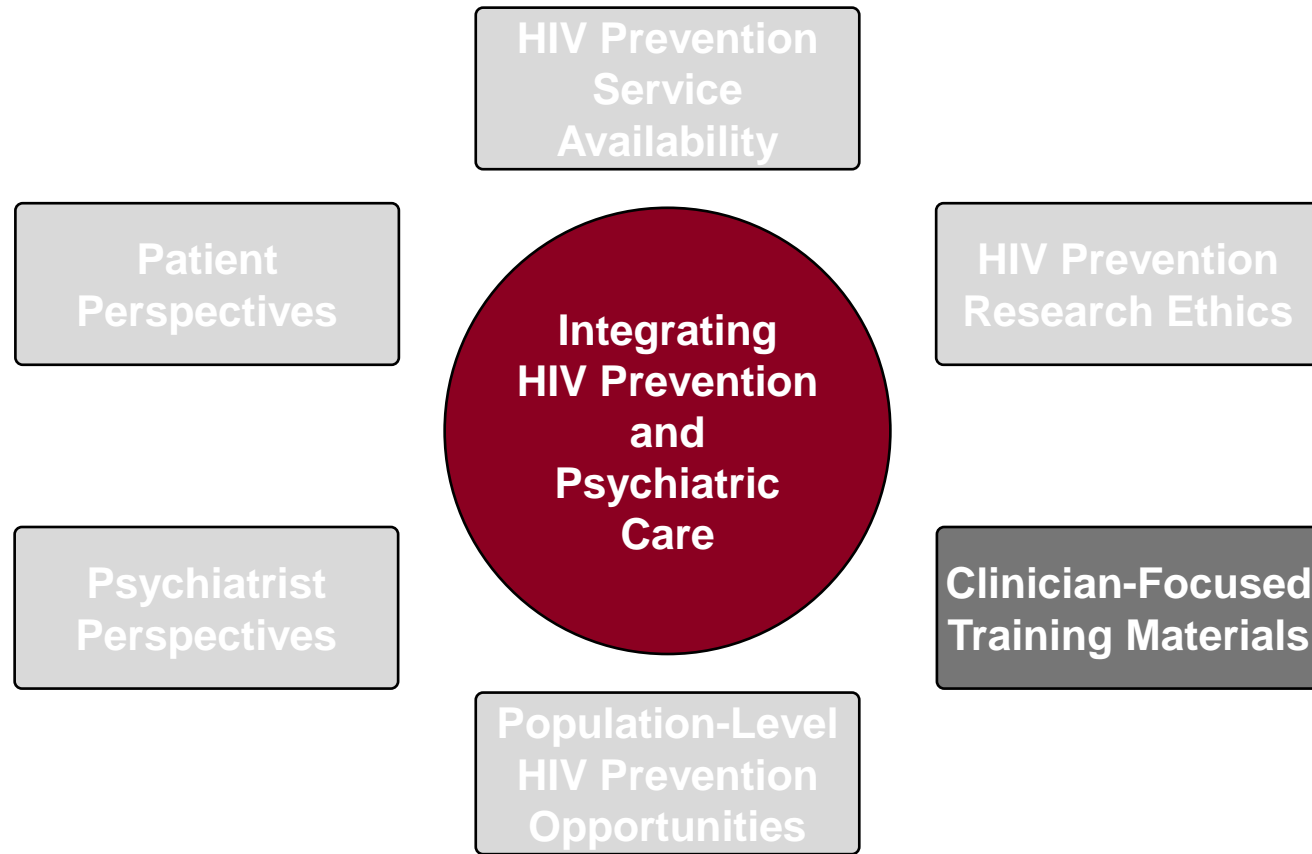


Empirical investigation of willingness to participate and ethically-relevant fears, benefits, and barriers to participating in HIV prevention research to inform design of studies specifically for people with mental illnesses and for psychiatric care settings.



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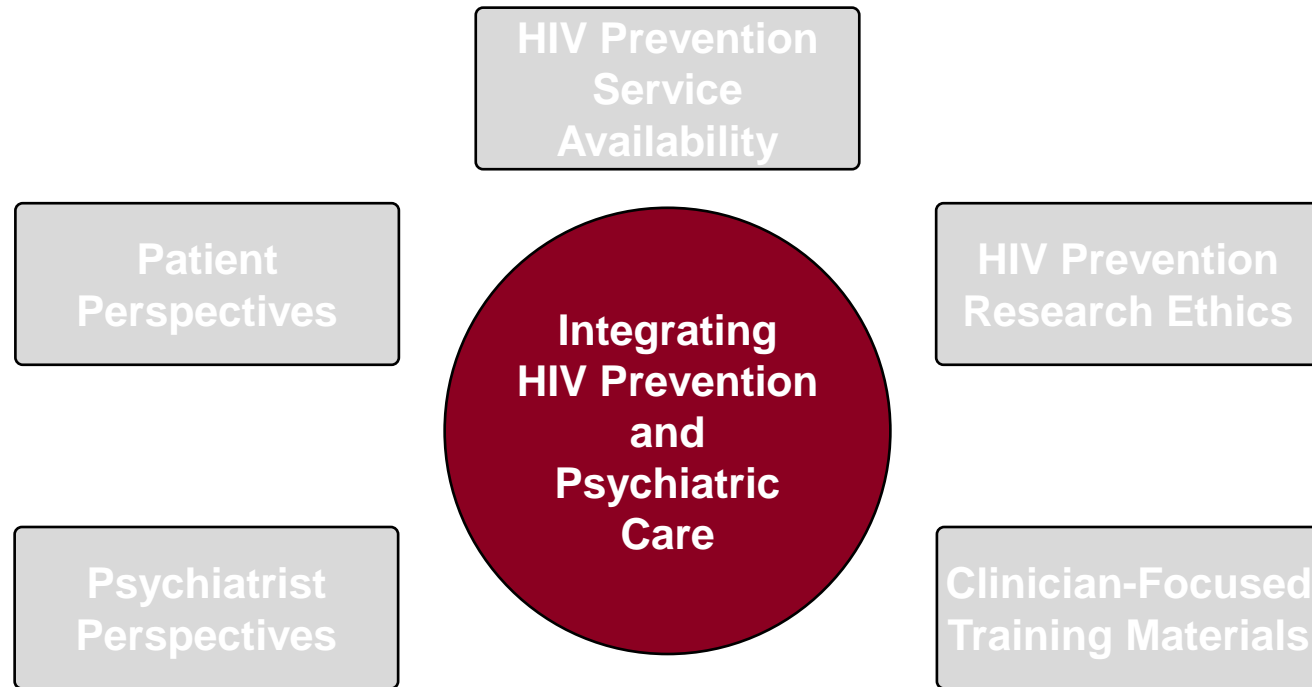


Translation of findings from national studies to develop evidence-based training for psychiatrists and mental healthcare providers about PrEP prescription and for integration of PrEP prescription into psychiatric care.

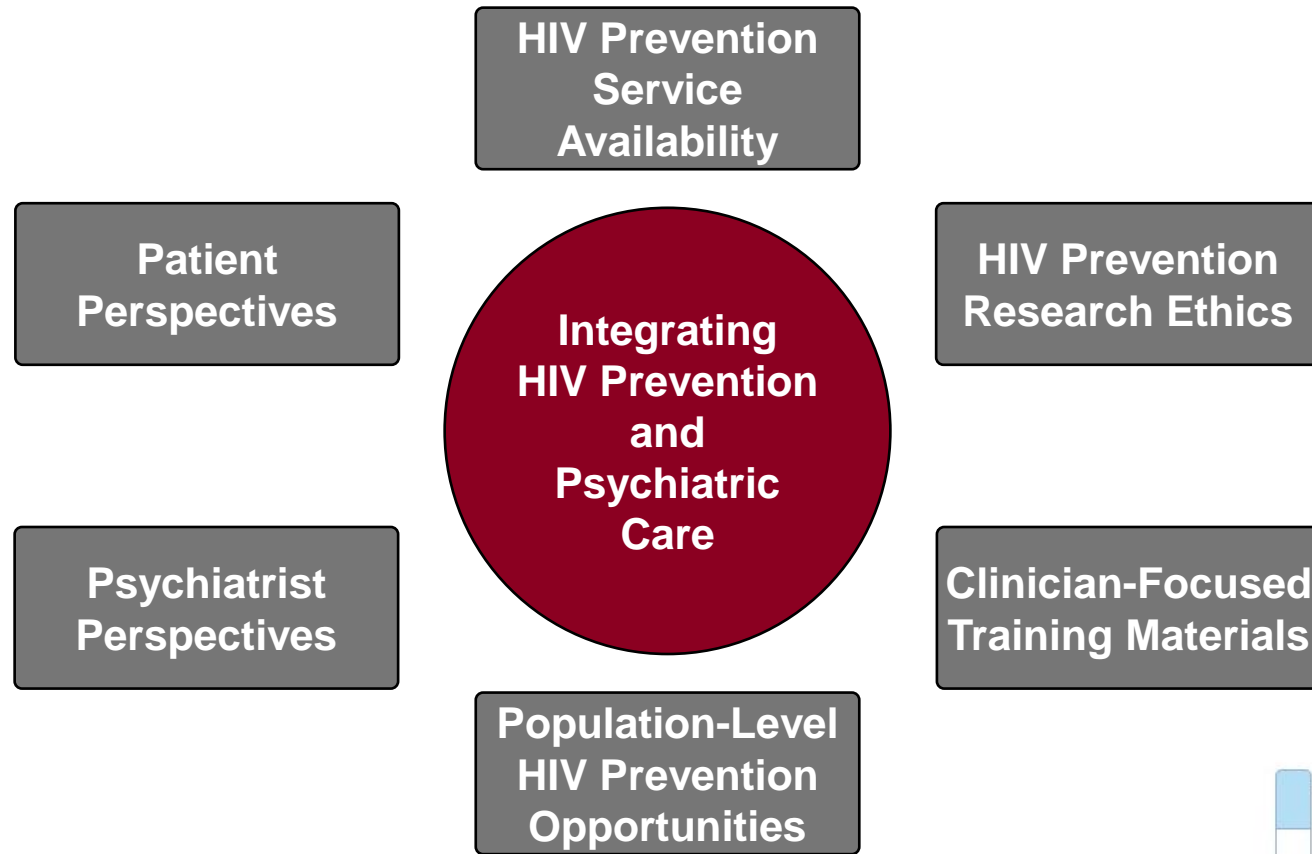


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Utilization of large administrative claims databases to identify population-level HIV seroconversion rate and healthcare touchpoints to inform co-location of PrEP prescription and mental healthcare services.



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Thank you!

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