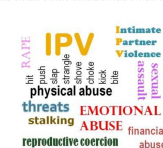


### Violence Screening and Viral Load Suppression among HIV-Positive African American Women

Ryerson Espino, Susan  
Precht, Allison  
Fletcher, Jason  
Xavier, Jessica  
Gonzalez, Marisol  
Matoff-Stiepp, Sabrina

November 3, 2015



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### Women & HIV

- 242,178 women living with HIV nation wide (1 in 4 cases)
- 88% are aware of their status
- 45% engaged in care
- 32% virally suppressed

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### IPV & HIV

- 68-95% of clinical samples in resource-rich settings have experienced IPV in their lifetime
- IPV risk and consequence of HIV
- IPV is associated with high risk behavior
  - Substance use
  - Multiple sex partners
  - Exchange sex
  - Coercive sex
  - Challenges negotiating safe sex
  - Sex with HIV positive men and those with increased risk (injection drug use)

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### IPV & HIV

- 68-95% of clinical samples in resource-rich settings have experienced IPV in their lifetime
- IPV risk and consequence of HIV
- IPV is associated with poor health outcomes
  - Poorer physical health
  - Poorer mental health
  - Poorer HIV outcomes as well (high no-show, ART failure, detectable viral loads, low CD4 counts, higher OIs, )

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### IPV Screening & Support



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### IPV Screening Methodology

- Need to deploy a variety of kinds of questions and tools over time to most fully screen for IPV

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## Study

78 African American HIV positive Women who were engaged in an intervention aimed at newly diagnosed, new to care, sporadically engaged or lost to care women

22-63 yrs of age (m 48Yrs)	78% Single	60% renting house or apartment remaining unstable housed	96% heterosexual	63% HS/GED	Majority unemployed or under-employed	88% living with \$1000 or less a month in income
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## Prevalence of Violence Concerns

- Tools:
  - WEB
  - Screening questions:
    - Have you ever been emotionally or physically abused by your partner or someone important to you?
    - Are you afraid of a past or current partner?
    - Has anyone forced you to have sexual activities?
  - Barrier to HIV care - "Thought that Partner might hurt you" ("a great deal" and "somewhat")
  - HIV Infection through Sexual Assault ("Most likely" and "Somewhat likely")
  - Report of past or current concerns of safety on acuity measure
- Identified individually between 12-40% of sample as having concerns with violence
- Composite measure identified 68%

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## Viral Suppression (< 200copies/mL)

- Overall high rate of suppression (80%)
- Responses to individual tools were not identified with suppression concerns
- Those identified using composite measure were more likely to not be virally suppressed ( $\chi^2(1) = 6.15, p < 0.05$ )

	Violence Concerns	No identified Violence Concerns
Suppressed	71.7%	96.0%
Not Suppressed	28.3%	4.0%

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### Support/Clinical Guidelines

- Women-Centered Care
- Identification & Care of IPV Survivors
- Clinical Care for Survivors of Sexual Assault
- Training of Healthcare Providers on IPV & Sexual Violence
- Health-care Policy & Provision
- Mandatory Reporting of IPV
- IPV Screening for Women of Childbearing Age and Referral to Services for those who test positive
- Incorporate a Trauma-Informed Primary Care Framework
- Integrate Primary & Secondary Gender-based Violence Prevention Programs for Pregnant Women

WHO. Responding to intimate partner violence and sexual violence against women: WHO clinical and policy guidelines. Geneva, Switzerland: Department of Gender and Women's Health, World Health Organization; 2013.  
Mullinger EL, Chen YP, Khanna N, Rose CD, Kishberg LE. From Treatment to Healing: The Promise of Trauma-Informed Primary Care. *Women's Health Issues*. 2015;25(1):19-7.  
Kilgus VA. Screening for intimate partner violence and abuse of elderly and vulnerable adults: US Preventive Services Task Force recommendation statement. *Annals of Internal Medicine*. 2011;154(6):478-86.  
Tomas JM, Harker A, M, Cohen M, Chinn M, Kober J, Kunitz P, et al. A Community Supported-Child Based Program for Prevention of Violence against Pregnant Women in Rural Kenya. *BMJ Research and Treatment*. (2015).

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