Implementation of HIV Pre-Exposure Prophylaxis (PrEP) for Men who Have Sex with Men with and without Substance Use in Providence and New Haven

ACRONYM: “Project PHIRE”: Prep HIV Intervention and Realistic Effects of substance use

PROJECT DESCRIPTION: Our project has two aims:
1) To examine the impact of a multi-pronged outreach intervention on expanding reach to MSM, especially those with substance use
2) To evaluate the impact of substance use on PrEP-related outcomes including effectiveness (i.e., risk behaviors), implementation (i.e., adherence) and maintenance (i.e., retention-in-care) at 3 months

KEY INSIGHTS/PROGRESS:
• Initial enrollment targets met (80): 47 at Miriam Hospital, 33 at Yale-New Haven Hospital
• Cohort: Median age 33(IQR 26-42), non-White race (33.8%)
• Referral sources: STD clinic (22.5%), friend (21.3%), MD (18.8%), online (8.8%)
• Risk profile: >1 sex partner (recent 3 months) - insertive (42.5%), receptive (28.8%) and both (27.5%)
• Drug use (past 3 months): marijuana (45%), poppers (30%)
• Majority of cohort is white, young and engaging in high risk sex activity
• Enrollment steady, high PrEP uptake
• Major referral source is other clinics and peers; online outreach is expensive
• Challenge: retain cohort, attract more drug users


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