



Abstract

Background and Purpose

Our hospital's VA Infectious Diseases (ID) Clinic follows 1182 HIV patients. Females number 67. With HIV viral suppression in >73%, a need existed to also focus on prevention. From 2018 through 2021, 386 patients with gonorrhea and 718 with chlamydia were identified hospitalwide. Houston has been identified as a high prevalence area for STIs (sexually transmitted infections) and metropolitan data indicate that chlamydia, gonorrhea and syphilis rates exceed that of the entire state. Of 57 patients with anal carcinoma in ID Clinic, 33 were diagnosed from 1/1/15-12/31/21. We did not have an established screening program for anal PAP and though performing rectal exams is included in the clinic guidelines it is not consistently done. The objective was to establish an anal pathology screening program within the ID clinic. Performance of cervical PAP smears and mammograms for women is a VA primary care performance metric. With multiple clinic providers, the of adherence to screening recommendations was not at goal. Hence, a need was identified to focus on prevention efforts, specifically in a) STI prevention, and prompt diagnosis and treatment, b) screening/management for anal pathology/anal carcinoma, c) women specific preventive care. Description and Methodology

ID implemented an STI Clinic, Anal Cytology Clinic (ACC) and a Women's Health Clinic. The STI Clinic was introduced to Primary Care Providers in 2018 with an STI consult and rapid evaluation with appropriate screening (HIV, renal function, hepatitis (A, B, C), non-identified STD testing) and a clinical psychology evaluation. The ACC and Women's Clinics were implemented in 8/2021. No set guidelines exist for anal cytology in HIV patients. Referral is based on findings of anal condylomas, dysplasia history, no prior anal cytology and anal sex. Clinics are staffed by a physician assistant, nurse practitioner, clinical pharmacist and a clinical psychologist.

Results

182 referrals have been made to the STI Clinic from 01/01/2018 - 12/31/2021). 718 cases of Chlamydia have been identified and 386 cases of gonorrhea hospital wide. Of these, 25 chlamydia and 41 gonorrhea cases were reported in HIV positive patients. There were 164 syphilis cases in those HIV positive, not including more than one occurrence in the time period. Though we do not have total hospital numbers, it is reasonable to suggest that we parallel the metropolitan data. There are 48 patients in the ACC with cytology results. Bethesda nomenclature are used for classification and include Human papilloma virus (HPV) type and range from atypical squamous cell of undetermined significance (ASC-US), to high grade intra-epithelial lesions (HSIL). 8 have HPV 16 and 6 HPV 18, the most carcinogenic genotypes. Date will be collected for the Women's Clinic in a prospective manner. The potential is to include all women in the Women's Clinic including male to female transgender patients with emphasis on timely PAP smears and mammograms.

Discussion and Conclusions

With large numbers of STI's in primary care patients, need for detailed sexual histories, referral to the STI Clinic persists and suspicion for HIV must be high. Rectal exams must be done on new HIV patients or patients reporting rectal pain/itching/bleeding. Consolidation of Women's Health into the ID Clinic establishes longitudinal follow-up without scheduling difficulties, improved follow-up for women previously lost to care and negates the need for another new non-ID provider. The implementation of these 3 clinics has paved the way for continued improvement.

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Implementation of Preventive Care in a Large Urban Veterans Affairs HIV Clinic KATHARINE BREAUX^{1,2}, CHESTER ASHONG¹, TARA STEINBERG^{1,2}, YOON JUNG PARK¹

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Objectives:

- 1. To implement a process for rapid evaluation of patients at high risk for and/or with a diagnosis of sexually transmitted diseases, including HIV, through an STI Clinic.
- 2. To establish an anal pathology screening program within the ID clinic.
- To improve adherence for preventive cervical PAP smears and mammograms by centralizing the process with a single Women's ID health provider.

Description and Methodology

- To review the outcomes of the implementation within ID clinic of the STI Clinic (introduced in 2018), Anal Cytology Clinic (ACC) and a Women's Health Clinic (the latter two introduced in 2021).
- Clinics are staffed by a nurse practitioner, physician assistant, clinical pharmacist and a clinical psychologist.

e STI Clinic



- imary Care provider initiates the STI Consult with key mponents:
- listory previous STI, sexually active, sexually active substance r, new sex partner, sex partner with concurrent partners /or concurrent STI, active drug use, HIV positive injection tner, shared injection equipment
- <u>TI symptoms</u> asymptomatic, urethritis, cervicitis, uria/discharge, rectal pain/discharge/bleeding, genital ulcer, phadenopathy, rash, pelvic pain
- fectious Disease Consult Manager receives and contacts ient, a visit is scheduled within 24-48 hours

ompleting the STI Consult

ual History:

- x with men, women or both, last sexual activity
- tners: # of sex partners in the past 3 months, HIV status of partners, anonymous partner sex, initial contact mechanism with partner
- ctices: anal or oral sex, insertive or receptive (top or bottom), self/partner IVDU, self/partner received/given money or drugs for sex, frequency of alcohol, speed, cocaine or other drug use during sex
- st history of STI's: last positive test for an STI, what was the STI otection from STI's: condom use with sex (always, sometimes, never
- gnancy plans: children/more children, methods to prevent 🛛 📈 unwanted pregnancies

LABS

- Creatinine /BUN

ASSESSMENT

High risk of HIV acquisition (Descovy) Discuss side effects Reinforce condom use

Follow-up

- week prior.

The Anal Cytology Clinic

- and Cancer in Patients with HIV".
- mouth and throat."⁵



The Anal Pap Smear

- procedure
- 2. Verbal informed consent obtained