Methods In 2013 we reviewed clinical notes coded for herpes suppression to establish whether BASHH and local standards were met for management of herpes suppression and routine blood monitoring.

Results 41 cases were reviewed. 32 (73%) had baseline blood tests. Of these 6/32 (19%) had abnormal results: 2 raised LFTs, 2 low estimated Glomerular Filtration Rate (eGFR), 2 low neutrophils – all resolved on repeating except one with fluctuating neutropenia. 19/32 (47%) had bloods repeated at our service and additional 16% advised to attend GP. Only 1/19 (5%) had normal baseline bloods, low eGFR at one month, but normal at 2 months.

Discussion 19% of those tested had blood abnormalities at baseline, but only 3% had on-going abnormalities likely affected by acyclovir. We recommend checking U&E, LFT and FBC at baseline. If normal no further monitoring is needed. If mild abnormal repeat but continue aciclovir. If significantly low eGFR, leukopenia or elevated LFTs either dose reduce or stop acyclovir and investigate.

P234 GLOBAL ESTIMATES OF PREVALENT AND INCIDENT HERPES SIMPLEX VIRUS TYPE 2 INFECTIONS IN 2012

<table>
<thead>
<tr>
<th>Standards (Target: BASHH or *local)</th>
<th>Achieved</th>
</tr>
</thead>
<tbody>
<tr>
<td>Virological confirmation (100%)</td>
<td>98%</td>
</tr>
<tr>
<td>Viral typing (100%)</td>
<td>90%</td>
</tr>
<tr>
<td>Baseline FBC, U&amp;E, LFT (*100%)</td>
<td>73%</td>
</tr>
<tr>
<td>Offer letter to GP (*100%)</td>
<td>78%</td>
</tr>
<tr>
<td>Letter to obstetrics if pregnant (*100%)</td>
<td>100%</td>
</tr>
</tbody>
</table>

Abstract P233 Table 1 Auditable standard results

Discussion/conclusion The global burden of HSV-2 infection is large, highlighting the critical need for development of vaccines, microbicides and other prevention strategies against HSV-2.

P235 PREVALENCE AND RISK FACTORS ASSOCIATED WITH ORAL HPV AMONG STI CLINIC ATTENDEES

Background Oral human papillomavirus (HPV) infection increases the risk of a sub-set of head and neck cancers. The epidemiology of oral HPV infection is not well understood.

Aim To describe the prevalence and risk factors for oral HPV infection amongst STI clinic attendees.

Methods Participants were recruited from a STI clinic, completed a risk factor questionnaire and provided oral samples for HPV DNA testing by a highly sensitive PCR using the SPF-10 broad spectrum primers. Overall positivity (prevalence) for any HPV was calculated. Chi-square test was used to determine the association between risk factors and oral HPV-positivity.

Results Ninety-eight participants (50 men and 48 women) with a median age of 29 (range 20–52 years) were recruited. Overall, 67.4% (66 of 98) participants were positive. All participants reported a history of oral sex. Participants from a non-White ethnic group were more likely to be oral HPV-positive than Whites (63.1% vs. 92.9%, p = 0.03) and those who engaged in open mouth/deep kissing in the last 24 h were also more likely to be oral HPV-positive than those who did not (86.2% vs. 59.7%, p = 0.01). No statistically significant associations were found with recent history of oral sex, smoking, alcohol and cannabis use, or lifetime number of sexual partners.

Conclusion Oral HPV infection is common among STI clinic attendees. It is unclear whether these are transient oral HPV infections or true persistent infections with oncogenic potential. Our limited data suggest that recent open mouth/deep kissing behaviour is associated with transmission of oral HPV.

P236 IS ANNUAL CERVICAL CYTOLOGY IN HIV POSITIVE WOMEN JUSTIFIED IN THE ERA OF HPV TESTING? A 2-YEAR STUDY IN A DISTRICT GENERAL HOSPITAL

Background/introduction As per guidelines all HIV positive women have annual cytology irrespective of their CD4 count, viral load, and antiretroviral therapy. Smear tests are often cumbersome and most patients dislike annual smears. There is a lot of administration and cost involved in screening these women on an annual basis.

Aim(s)/objectives We looked at cervical cytology results of our HIV positive cohort for 2 years in the era of HPV testing and found some interesting results.

Methods Data collected on excel sheet and analysed.

Results Total of 153 cases was reviewed for over 2 years. 123/153 had negative HPV test. 30/153 had positive HPV test.
P235 Prevalence and risk factors associated with oral HPV among sti clinic attendees

Karly Louie, Lesley Ashdown-Barr, Caroline Reuter, Attila Lorincz, Peter Sasieni and Jill Zelin

Sex Transm Infect 2015 91: A93

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