TENDERING OF SEXUAL HEALTH SERVICES: A CURRICULUM COMPETENCES-BASED EVALUATION OF INTERFERING SUBSTANCES COMMON TO SWAB AND URINE SPECIMENS USING THE BD MAX™ CT/GC AND CT/GC/TV ASSAYS, A NEW AUTOMATED MOLECULAR ASSAY

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Background/introduction The BD MAX™ CT/GC and CT/GC/TV assays performed on the BD MAX™ System are qualitative multiplex assays designed for the detection of Chlamydia trachomatis (CT), Neisseria gonorrhoeae (GC), and Trichomonas vaginalis (TV) DNA in female urine, endocervical, and vaginal specimens, or CT and GC DNA in male urine specimens. Aim(s)/objectives This study evaluated the performance of the BD MAX™ CT/GC and CT/GC/TV assays in the presence of interfering substances commonly found in vaginal swab and urine specimen.

Methods Vaginal and Urine specimen pool suspensions prepared in BD MAX™ UVE Sample Buffer were inoculated with different biological, chemical, and bacterial substances at a concentration that may be found in urogenital specimens. Suspending interferes containing interfering substances were subsequently triple-spiked with quantitated cultures of CT, GC, and TV at 2X the Limit of Detection (LOD) for positive specimen. Negative specimens were not spiked with organism. All pools were inoculated into BD MAX™ UVE Sample Buffer Tubes, heated on the BD MAX™ Pre-warm Heater and tested on the BD MAX™ System.

Interference was determined as non-conforming positive or negative test results.

Results Interference was not identified with any of the 31 substances tested for urine. No interference was observed in vaginal swab specimens with the exception of contraceptive foams and gels (>25 μL/mL), metronidazole cream (>2.5 μL/mL) and whole blood (>0.66 μL/mL).

Discussion/conclusion These results demonstrate that the BD MAX™CT/GC and CT/GC/TV assays detect the presence of Neisseria gonorrhoea, Trichomonas vaginalis, and Chlamydia trachomatis in the presence of interfering substances common in urine and vaginal swab specimen.
Abstracts

Discussion/conclusion The curriculum competences-based approach to training evaluation offers a focused and objective approach to resolve conflict of training and service provision. Furthermore, it highlights and supports formalisation of non-clinical training opportunities.

P204 SEX UNDRESSED: DEVELOPING A WEBSITE FOR YOUNG PEOPLE AROUND SEX AND BODY IMAGE
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Introduction Evidence shows that children and young people (CYP) have inter-related issues around self-esteem, body image, sex and relationships. Access to pornography and paucity of sex and relationship education in the UK is exacerbating this problem.

We want to develop an online resource for CYP addressing sex and body image, centred around videos from ‘peer educators’ but also containing information and links to other resources.

Aims To undertake a consultation period with the aim of informing the content and aims of the website.

Methods Workshops comprising: 1. Introduction of website concept. 2. Card-cluster participatory exercise, ‘what I wish I had known when I was younger’. 3. Feedback.

Results 3 workshops were held, (participants = 19, M11, F8, age 20–30).

The concept was well-received and most participants wished to be involved. Concerns were expressed about people’s willingness to speak openly about intimate issues in videos and potential for cultural bias in participation.

Card-cluster themes included rejecting the portrayal of sex in pornography, rejecting the portrayal of body image in the media, normalising masturbation, normalising body hair and concepts of consent and the right to enjoy sex.

70% felt clear about the project, and 100% felt included.

Conclusion Our findings indicate strikingly similar concerns and insecurities that could be amenable to positive role models and educational resources in a youth-friendly website. We recognise the need to engage diverse groups (in terms of race, class, sexuality) to encourage inclusive content and users.

Category: STIs in special groups

P205 RETesting for genital chlamydia infections in young people is acceptable and important
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Background/introduction Young persons with a previous history of genital chlamydia are more likely to retest positive at a later date than those that have never tested positive. Current recommendations advise offering a repeat NAAT test to individuals under the age of 25, three months after completing treatment. However, a recall system has yet to be implemented in our clinic.

Objectives We examined how many young people treated for genital chlamydia voluntarily returned for a further test, to assess whether asymptomatic retesting is both acceptable and worthwhile in this group. We aimed to identify a suitable timeframe in which retesting should be offered.

Methods Retrospective case note review of individuals under 25 years who tested positive for genital chlamydia in a city wide sexual health service in January 2013.

Results Of 214 individuals testing positive for genital chlamydia in January 2013, 50% (107/214) retested within 15 months, 29% of which were positive (31/214). Most young people returned 3 to 6 months following their initial diagnosis (37/107), but the highest number of positive results occurred between 7 and 9 months (10/31). Only 8 individuals (7.5%) were retested between 10 and 12 months, though a significant proportion (23%) retested positive.

Conclusion The high rate of young people returning for chlamydia retesting after a positive diagnosis indicates that retesting is acceptable within this group. The high rate of subsequent positive tests suggests that retesting is important and worthwhile. The ideal timeframe to retest these individuals is 3–12 months following a positive test.

P206 SEXUAL HEALTH RISKS, SERVICE USE, AND VIEWS OF RAPID POINT-OF-CARE TESTING AMONG MEN-WHO-HAVE-SEX-WITH-MEN ATTENDING SAUNAS: A CROSS SECTIONAL SURVEY
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Background/introduction Guidelines highlight the need to increase HIV testing amongst men-who-have-sex-with-men (MSM) as a priority and recommend MSM at high risk of HIV test for every three months. Novel point of care testing (POCT) provides new possibilities for delivery of care. However, it is unclear how POCT should be used to best effect.

Aim(s)/objectives This study aimed to increasing understanding of sexual risk-taking behaviour, service use and attitudes to POCT amongst sauna clients.

Methods Data were collected within two saunas for MSM in south west England using a self-completion survey on a computer tablet device.

Results 134 men participated (74% response rate). Half of participants (51%) reported unprotected anal intercourse (UAI) with a casual partner in the previous three months. For those reporting UAI, 19% reported having an STI test and 16% had taken an HIV test in the previous three months. Participants reported they would be more likely to be tested for HIV (84%), gonorrhoea (91%), chlamydia (90%) and syphilis (90%) if available as rapid POCT to avoid a stressful wait. The majority of men (52%) would prefer to receive POCT at NHS sexual health clinics.

Discussion/conclusion Though this sample of sauna clients are at high risk of acquiring an STI, the testing frequency amongst the majority of those reporting UAI is not in keeping with national guidelines. For almost all participants the introduction of rapid POCT for both genital and blood-borne infection was likely to increase testing and for the majority NHS specialist services was the preferred setting.