

## Abstracts

insight into the type of information patients most prefer to see in order to enhance patient experience.

**Aim(s)/objectives** To conduct a patient survey of preferences for information provided in sexual health clinic waiting rooms.

**Methods** 133 consecutive patients attending the integrated clinic were asked to complete a simple questionnaire covering the following areas: (1) how much attention is given to the information available; (2) Which types of information are most useful; (3) Preference for pictures, written text or a combination; (4) Importance of information that can be taken away.

**Results** 53% looked at most of the information, 32% only read what looked interesting or relevant while 15% took little notice. Facts about STI's were the most useful (64%), followed by prevention messages (51%), contact details of other organisations/services (49%), information about local/national campaigns (41%) and boards with specific themes (e.g. Valentine's day, Fresher's Week) (33%). 55% preferred a combination of pictures and text, 41% mainly text and 37% mainly pictures. 74% attached a high importance to information which could be taken away.

**Discussion/conclusion** 85% of patients paid significant attention to the information presented in the waiting room. Patients found factual information about STI's to be most useful followed by prevention messages. There was a clear preference for messages that combined text with pictures.

**P153 WATCHING THE TV: *TRICHOMONAS VAGINALIS* NAAT TESTING IN AN INNER CITY SEXUAL HEALTH CLINIC**

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**Introduction** *Trichomonas vaginalis* (TV) is the commonest curable STI worldwide. UK prevalence is comparatively lower but TV remains an important cause of genital symptoms. National guidelines recommend NAATs for TV testing due to their high sensitivity. Since 2012 we have utilised Gen-Probe APTIMA TV assays for symptomatic females, males with recurrent urethritis and contacts.

**Aims** Assess the effectiveness of our current TV NAAT testing practice.

**Methods** Retrospective casenote review of patients tested for TV in an inner city sexual health clinic between 01/01/14–31/03/14.

**Results** 961 (882F, 79M) patients were included. Median age was 24 (range 15–67), 445 (46.3%) were White British. 6 (7.6%) of the men were MSM. 28 (2.9%) patients were TV NAAT positive (21F, 7M). 5 of them attended as TV contacts. 11 TV-infected females had positive microscopy. Comparing diagnostic modalities microscopy had inferior sensitivity ( $=0.524$ ) but excellent specificity ( $=1$ ) and NPV ( $=0.986$ ). All TV-positive men were either symptomatic (4) or an asymptomatic contact (3). The TV-positive and TV-negative cohorts were compared:

**Abstract P153 Table 1** *Trichomonas vaginalis*

|                   | NAAT positive (n = 28) | NAAT negative (n = 933) | p Value  |
|-------------------|------------------------|-------------------------|----------|
| Median age        | 35.9                   | 24.1                    | <0.00001 |
| Black Caribbean   | 7                      | 55                      | 0.00005  |
| Symptomatic       | 22                     | 832                     | 0.078829 |
| TV Contact        | 5                      | 11                      | <0.00001 |
| Other STI present | 8                      | 245                     | 0.784302 |

TV incidence was significantly associated with increasing age, Black Caribbean ethnicity and attending as a contact; concurrent STI diagnoses and evident symptoms were not.

**Conclusion** Our data demonstrates the superior sensitivity of NAATs over microscopy. Extending screening to asymptomatic patients is not warranted. We continue to focus TV testing on known at-risk populations.

**P154 PROCESS EVALUATION OF THE 3Cs AND HIV PILOT: AN EDUCATIONAL PROGRAMME TO SUPPORT GENERAL PRACTICES DELIVER CHLAMYDIA SCREENING, CONTRACEPTION, CONDOMS AND HIV TESTING TO PATIENTS**

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**Background/introduction** General practice (GP) offers a wide range of sexual health services, although provision varies across England. Educational support visits to GPs are effective in improving sexual health services. 3Cs and HIV is a national pilot that provided GP training for opportunistic offers of chlamydia testing, free condoms and information about contraceptive services to 15–24 year olds (i.e. 3Cs), plus HIV testing according to national guidelines.

**Aim(s)/objectives** To describe local authority (LA) and GP engagement with the 3Cs and HIV pilot using process evaluation measures.

**Methods** The training programme comprises two practice educational support visits, the first on 3Cs and the second on HIV testing. Data on LA and GP recruitment, retention and implementation of the training was collected throughout the programme.

**Results** In total, 56 LAs invited 2,532 practices to the programme, 461 agreed to participate. Data was returned by 46 LAs accounting for 405 practices (88%). Half of participating practices received at least one visit (255/461, 55%). Nearly a third of practices received only the 3Cs visit (143/461, 31%) and 24% (111/461) received both the 3Cs and HIV visits. More general practitioners than nurses attended the training (826 vs. 752), especially for the HIV sessions (263 vs. 211).

**Discussion/conclusion** Many practices reported an interest in receiving sexual health educational support visits, however a large proportion did not start or complete the full programme. This highlights the difficulties sustaining GP engagement over time, which may be due to competing priorities for protected learning time. Future programmes may need to be shorter.

**P155 "TIME IN CLINIC" SURVEY TO EVALUATE THE POTENTIAL FOR USE OF ONLINE REGISTRATION**

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**Background/introduction** We continuously try to improve patient experience in our integrated service. After introducing a "slot" booking in system, patients spent 40% less time in clinic, though still report spending too long in surveys. We wanted to

map patient journey, identify potential improvements, including introducing on-line booking and e-triage.

**Aim(s)/objectives** To evaluate 1) the proportion of patients whose visit is >2 h from entering clinic to completion of the clinical encounter 2) effectiveness of patient completed triage.

**Methods** Pilot data was collected over 1 day (1 week to follow). Reception staff recorded patient first arrival, and administered a patient completed questionnaire recording the timing of the clinical encounter. Questionnaires, triage forms and case notes were reviewed.

**Results** 49 patients attended (23 male, 26 female). Complete data were available for 15(65%) males and 18(69%) females (Table 1). 58% of patients needed to allow >2 h to attend clinic (61% symptomatic, 57% asymptomatic). Self-triage was available for 45(92%) patients, with concordance between clinician and patient in 41/45 (91%).

**Abstract P155 Table 1** Time in clinic: median hours (range)

|                                      | Male             | Female           | Total            |
|--------------------------------------|------------------|------------------|------------------|
| Duration: clinic visit               | 1.55 (0:55–2:49) | 2.11 (1:05–4:11) | 2.04 (0:55–4:11) |
| Time before consultation             | 1.17 (0:35–2:10) | 1.34 (0:40–3:37) | 1.30 (0:35–3:37) |
| Duration: clinical encounter         | 0.30 (0:08–2:04) | 0.30 (0:05–2:00) | 0.30 (0:05–2:04) |
| Duration: clinic visit, symptomatic  | 1.50 (1:06–2:08) | 2.18 (2:05–3:57) | 2.05 (1:06–3:57) |
| Duration: clinic visit, asymptomatic | 2.10 (1:30–2:49) | 2.00 (1:05–4:11) | 2.07 (1:05–4:11) |

**Discussion/conclusion** Provisional data shows: 1) patients spend too long in clinic and developments including online booking could potentially reduce this, and 2) most patients are able to triage themselves.

**P156 HOW MUCH ANTIRETROVIRAL THERAPY DO WE DISCARD?**

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**Background/introduction** Current audit standards for antiretroviral therapy (ART) prescribing do not include standards for quantity dispensed.

**Aim(s)/objectives** 1) Establish a clinical standard for the quantity of ART to dispense when initiating or switching therapy. 2) Make a qualitative assessment of avoidable discards of ART. 3) Audit prescribing against existing BHIVA standards.

**Methods** An HIV care unit's database was interrogated to identify 350 patients who had initiated or switched ART over 2 years to August 2014. ART prescribing and outcomes data were collected retrospectively from 110 randomly selected patients.

**Results** 58.2% (n = 64) switched therapy; 57.8% (n = 37) as a result of toxicity, 15.6% (n = 10) resulting from rationalisation of therapy and only 3.1% (n = 2) for virological failure. The median quantity of ART dispensed at initiation or switch was 8 weeks (IQR; 8–12) supply; discarded at switch was 1.5 days (IQR; 0–29.75) supply. Mean (SD) cost of discarded ART after switch was £311.11 (£11.54); median was £20.63 (IQR; £0–£334.94). Reasons for discard for patients in the highest cost quartile are displayed in Table 1.

**Discussion/conclusion** Dispensing 8 weeks of ART at initiation or switch results in a lower than expected cost of discarded ART. There is limited potential for reduction in avoidable discards by addressing the small number of high cost cases.

**Abstract P156 Table 1** Reasons for discard in highest cost quartile

| Indication       | Number of patients | Percentage of patients | Total cost (£) |
|------------------|--------------------|------------------------|----------------|
| Toxicity         | 6                  | 37.5%                  | 7024.08        |
| Renal impairment | 5                  | 31.25%                 | 5578.81        |
| Patient request  | 2                  | 12.5%                  | 1308.94        |
| Drug interaction | 1                  | 6.25%                  | 756.84         |
| Unclear          | 2                  | 12.5%                  | 2166.21        |

**P157 IDENTIFYING THE DEMAND FOR "TEST-NO-TALK" GU SERVICES IN A RURAL SETTING**

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**Background/introduction** GU services are under growing pressure to provide resource-efficient screening programmes. Test-no-talk (TNT) services are gaining interest as an affordable method of asymptomatic screening.

**Aim(s)/objectives** Identify the proportion of our patients who might be suitable for TNT services.

**Methods** We retrospectively reviewed the notes of 271 new/rebook patients who were tested for any combination of chlamydia, gonorrhoea, syphilis and HIV. Patients were excluded if they had any other service or diagnosis code apart from C4. For the purpose of the study, patients were deemed unsuitable for TNT services if they were symptomatic, <18 years of age, at high risk of HIV, a recent victim of sexual assault, at risk of pregnancy, a man with a same sex partner (MSM), if female, menstruating at the time of the appointment. TNT suitability was analysed using chi-squared tests.

**Results** 134 men and 137 women, median age 30 and 23 respectively, were included. 202 patients (75%) were asymptomatic, of these 110 (54%) were suitable for TNT services). The association between gender and symptoms was statistically significant: 81% of men being asymptomatic compared to 69% of women (p = 0.024). 54 (49%) patients were examined, altering the management of 9. There were no statistically significant associations between age or gender and TNT suitability (p = 0.97 and p = 0.06 respectively).

**Discussion/conclusion** Approximately 40% of our patients undergoing STI screening could be directed towards TNT services, with careful risk-assessment at booking. Our results suggest it is safe to exclude physical examinations in TNT clinics as they rarely alter the management.

**P158 EXPLORING THE FEASIBILITY OF SHORTENING THE NATIONAL CHLAMYDIA SCREENING PROGRAMME TIME TO TREATMENT STANDARD**

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**Background/introduction** Timely treatment of sexually transmitted infections (STI) is an important factor in reducing sequelae and transmission. British Association for Sexual Health and HIV