

ROCK AND ROLLING OUTCOMES: DELIVERING LARGE SCALE CHLAMYDIA TEST RESULTS

Authors

EWING M^{1 3}, LU H³, JANSSEN M², BOURNE C^{2 3}, MCNULTY A³

¹NSW Sexual Health Infolink, Sydney Australia

²NSW Sexually Transmitted Infections Programs Unit, Sydney, Australia

³Sydney Sexual Health Centre, Sydney, Australia

Background

Chlamydia is the most common bacterial notifiable sexually transmitted infection (STI) in young people. Non clinical outreach settings such as Music Festivals have improved access to testing higher risk young people.

Aim

To efficiently deliver large scale Chlamydia positive and negative test results in a timely manner.

Methods

We used a systematic approach to deliver pathology results by using automated result management system and sexual health nurses from a state wide service.

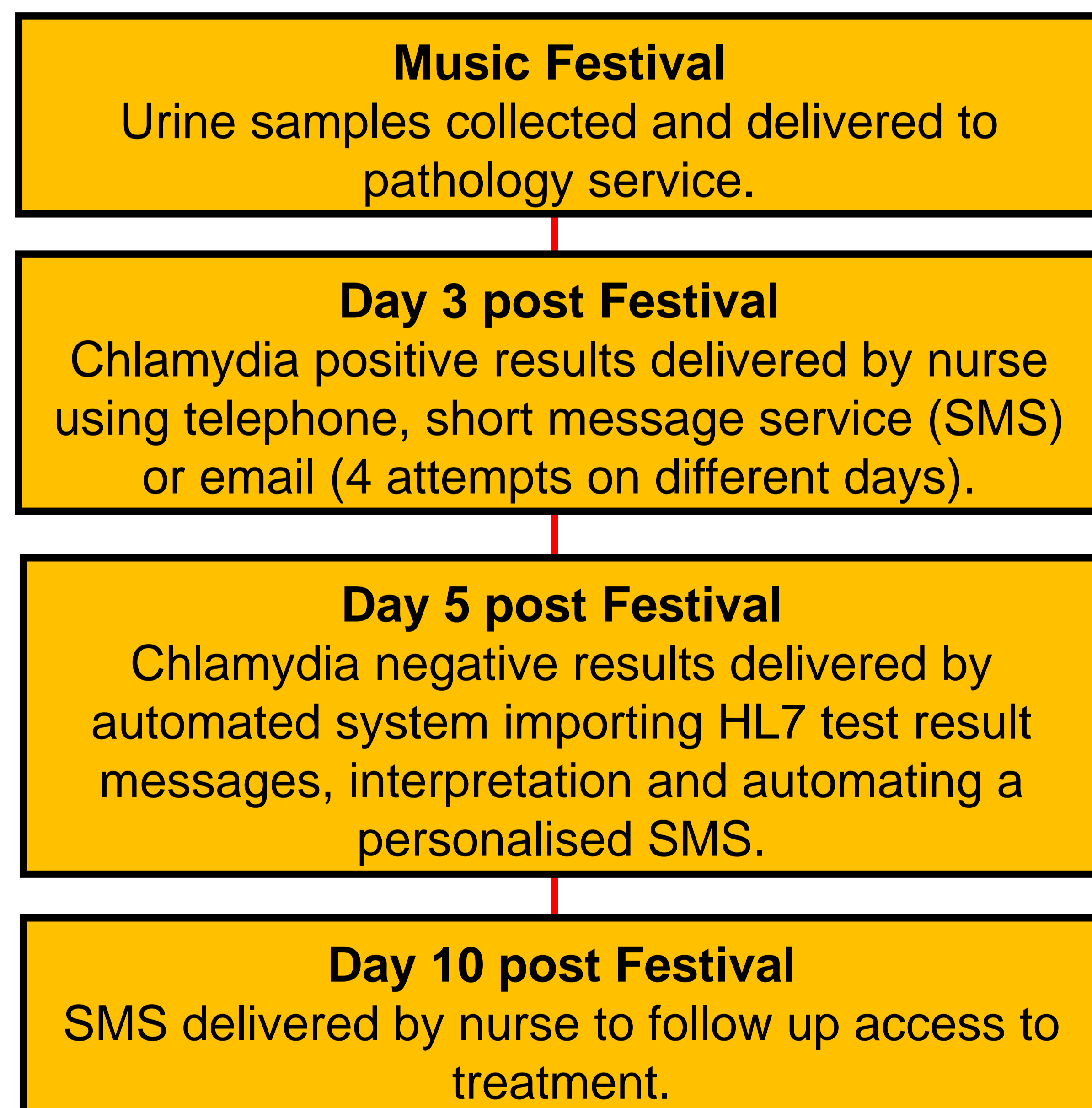
Results

From 2017 to 2019, Chlamydia urine nucleic acid amplification testing was offered to young people at 9 Music Festivals in New South Wales (NSW).

Overall there were 7079 urine test results delivered (range 434-1059 results per Festival). Of these, 181 (2.6%) and 7 (<1%) of participants tested positive for chlamydia and gonorrhoea respectively. The positive test results were delivered by a sexual nurse 3 days after the Festival. Nine (5%) young people with a positive result were not able to be notified.

Negative chlamydia results were delivered 5 days after the Festival using robot technology to 6898 (97%) young people.

Of those who were successfully notified of the positive test result, 136 (75%) also confirmed by SMS they had accessed treatment.



Conclusion

There was a large number of chlamydia urine results to be delivered from NSW Music Festivals. Despite non face to face contact, using a combination of telecommunication technologies enhanced the supportive delivery of pathology results in a time and cost efficient way. It also facilitated young people access to local treatment services.