

# Syphilis Screening in Women of Reproductive age at Western Sydney Sexual Health Centre (WSSHC)

**Authors:** Walls M<sup>1</sup>, Varghese S<sup>1</sup>, Bopage R<sup>1,2</sup>, Ormsby Y<sup>1</sup>, Sawleshwarkar S<sup>1,2</sup>, Tilley D<sup>1</sup>, Comminos N<sup>1,2</sup>

<sup>1</sup> Western Sydney Sexual Health Centre, Western Sydney Local Health District, Parramatta, New South Wales, Australia

<sup>2</sup> Westmead Clinical School, Sydney Medical School, University of Sydney, New South Wales, Australia

Contact: mariyam.walls@health.nsw.gov.au

## Background

Maternal and congenital Syphilis are of high clinical public health importance. Western Sydney Sexual Health Center (WSSHC) is a public sexual health service with a culturally diverse population. Testing and management of Syphilis among women of reproductive age were evaluated to optimise local responses.

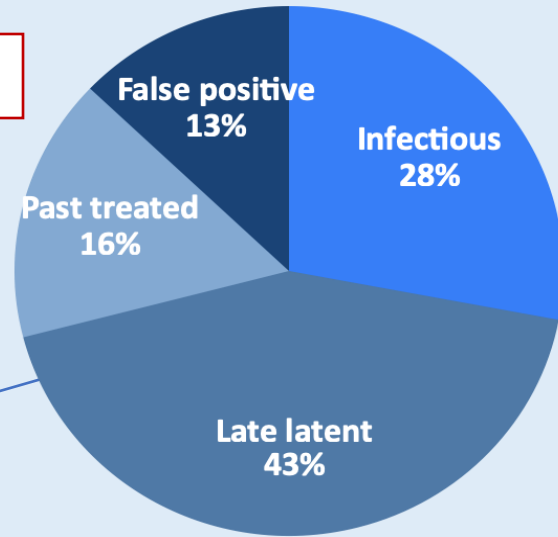
## Methods

Retrospective data analysis included:

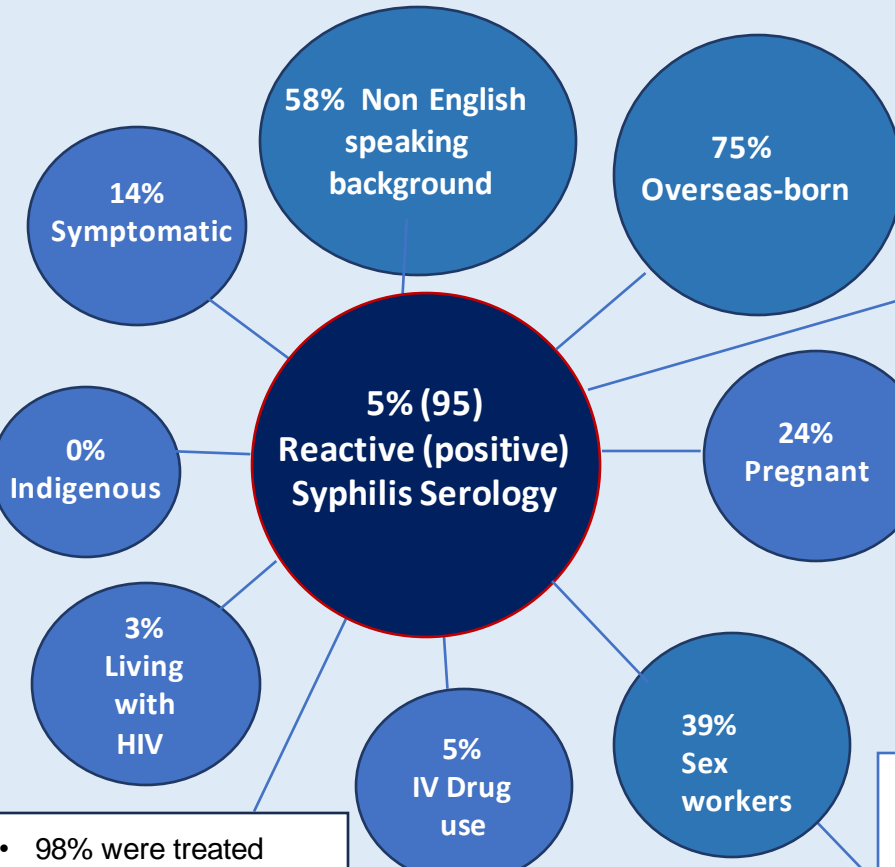
- Cis Females
- Age 15-49 years
- First attenders at WSSHC
- 1st December 2015 - 30th November 2020

70% (2048/2942) were Tested for syphilis at first visit

## Results



**5% (95) Reactive (positive) Syphilis Serology**



- Median age 26
- 19/23 Born overseas
- 5/23 Infectious Syphilis
- All appropriately treated
- 8/23 Baseline reactive VDRL
- 4/8 had serofollow-up at WSSHC as per protocol



- Median age 41
- 32/37 Born overseas
- 5/37 Infectious syphilis
- 35/37 Appropriately treated
- 2/37 lost to follow up (both late latent Syphilis)



## Conclusion

Targeted culturally appropriate strategies for engaging, testing, contact tracing and following-up females of reproductive age are vital, particularly for overseas-born and sex-working clients.