



Government of **Western Australia**  
**North Metropolitan Health Service**  
**WA Cervical Cancer Prevention Program**

# **A new flipchart resource for the 'renewed' National Cervical Screening Program**

**Kay Walley**

Aboriginal Health Promotion Officer  
WA Cervical Cancer Prevention Program

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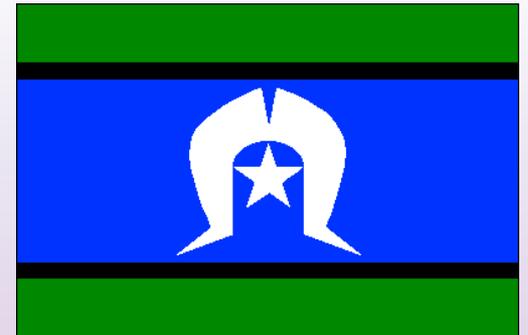
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# Acknowledgement of Country

The WA Cervical Cancer Prevention Program would like to acknowledge the traditional custodians of this land in which the sharing of knowledge takes place. We would also like to acknowledge the Elders of the past and those of the present.



# Overview

- Human papillomavirus (HPV) vaccine
  - Coverage
  - Impact
- Aboriginal women and cervical cancer
- Flipchart resource
  - Development process
  - Implementation plan

# HPV vaccine

- 2007
  - Australian Government implemented HPV vaccination program for girls aged 12-13
  - Initial 'catch-up' offered to girls and women aged 13-26 years (concluded in December 2009)
- July 2012
  - Vaccination program extended to boys aged 12-13 years
- Why include the boys?
  - Herd immunity
  - High-risk HPV causative agent for: penile cancers, anal cancers and squamous cell carcinoma of the head and neck

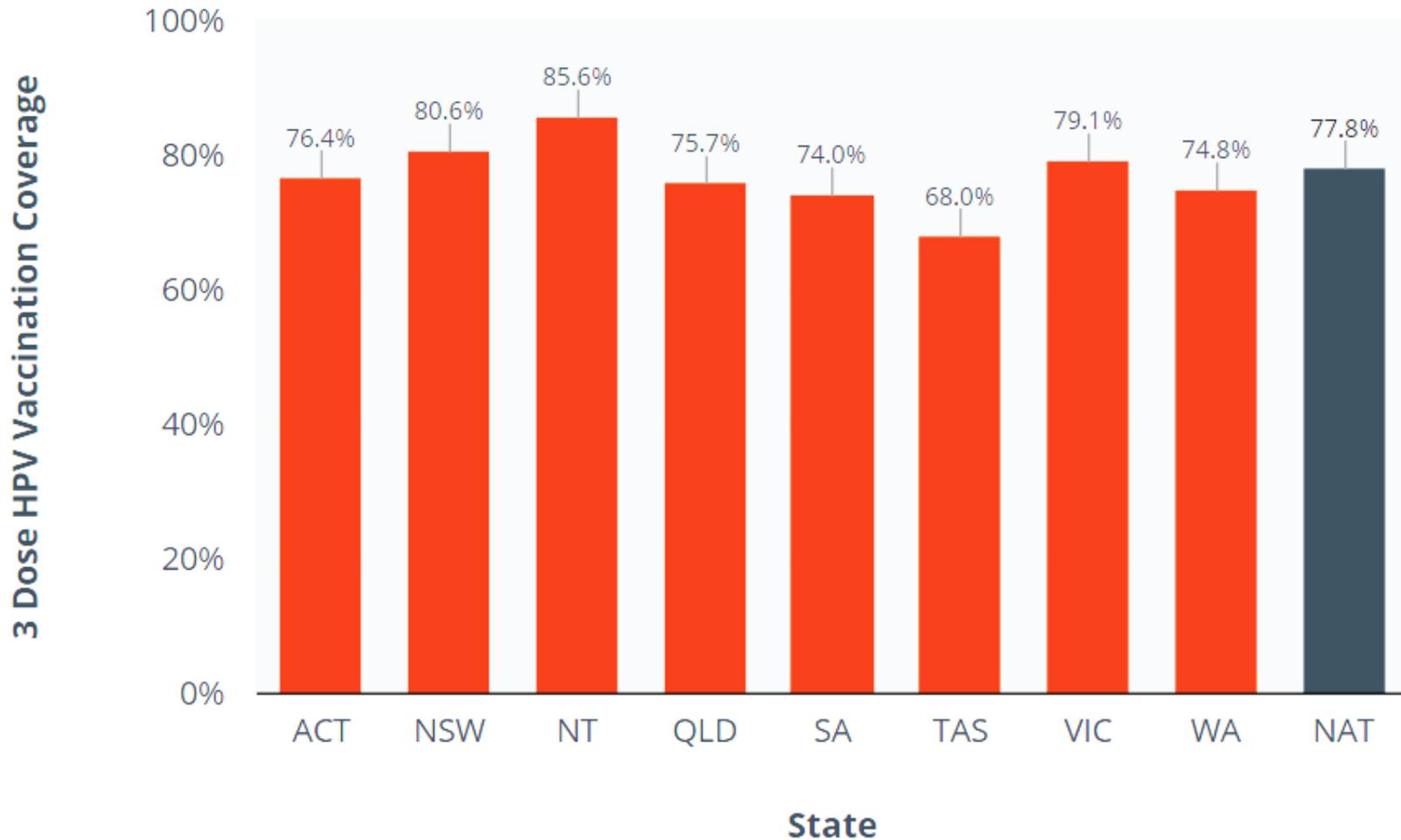
# HPV vaccine

## Gardasil ®

- Free to those eligible to participate in the school based National HPV Vaccination Program
- Protects against HPV types:
  - 6 and 11 which cause about 90% of cases of genital warts; and
  - 16 & 18 which cause about 70% of cases of cervical cancer
- Effectiveness 98%

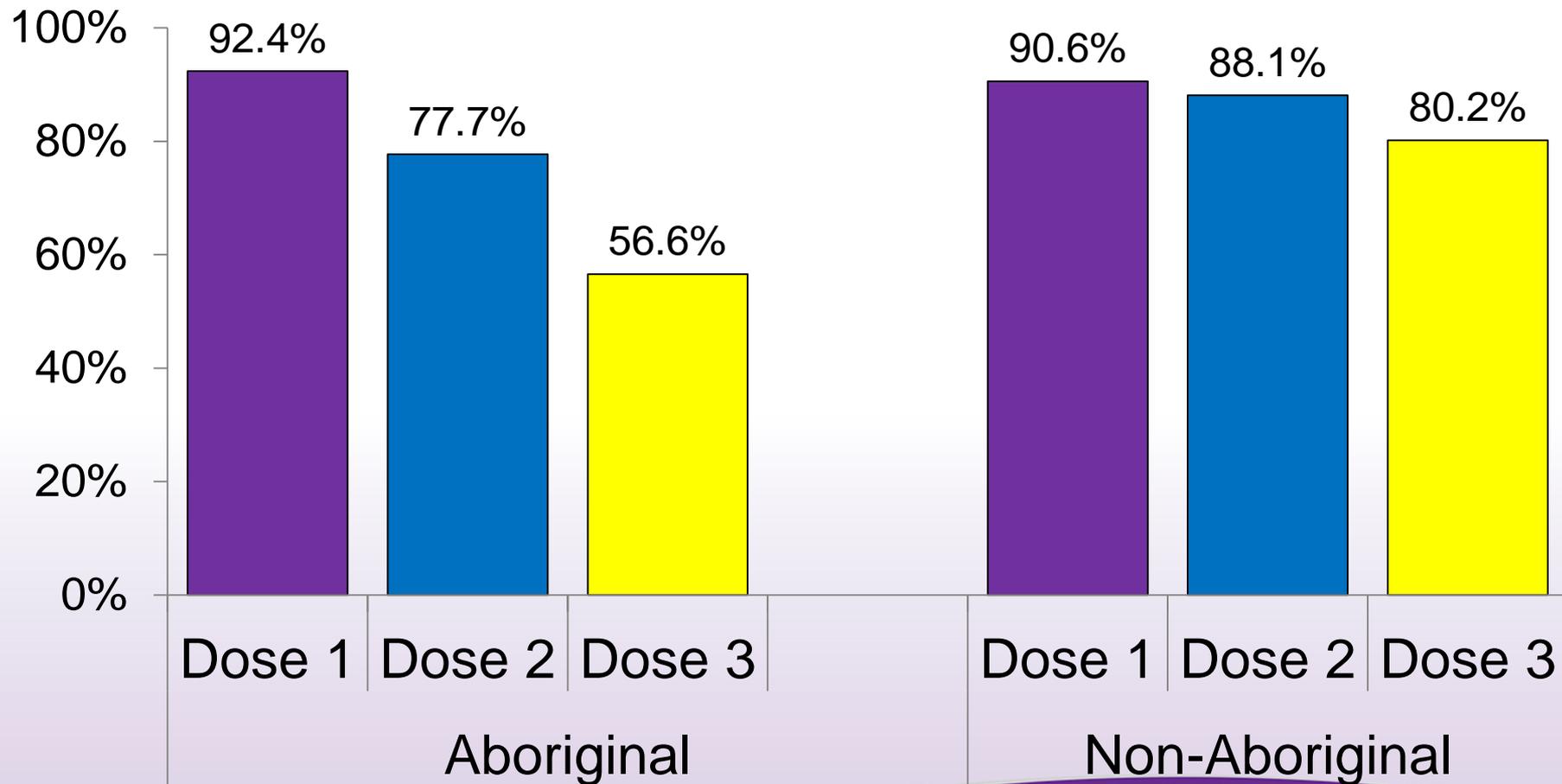
***Vaccinated women need to continue to screen the same as unvaccinated women to help prevent cervical cancer from other oncogenic HPV types***

# National HPV 3-dose vaccination coverage for females turning 15 years of age in 2015



# Receipt of HPV vaccine doses by Aboriginal status, 2015

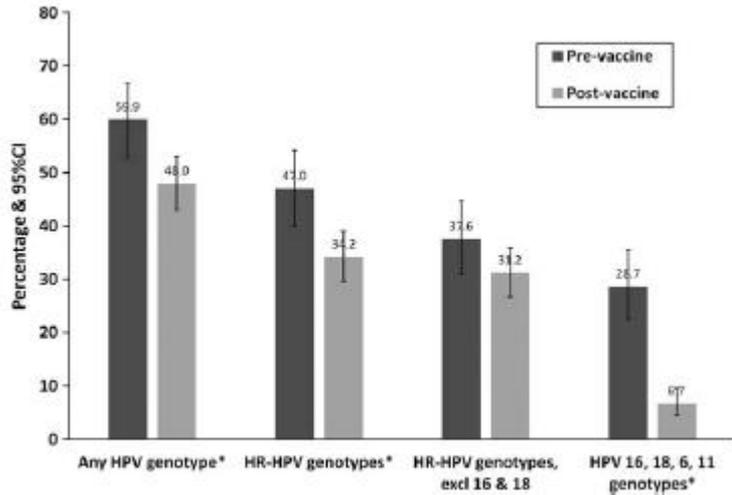
National HPV Vaccination Program Register



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Note: This analysis excludes 28% of all students with missing Aboriginal status.

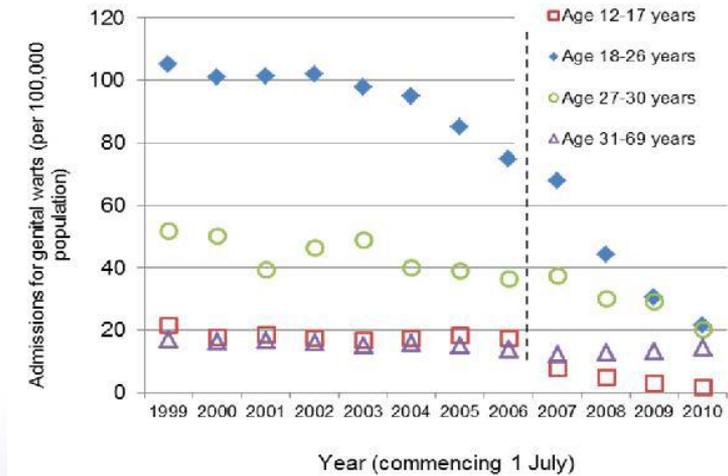
# Impact of HPV vaccination in Australia



## HPV infections

77% ↓

Tabrizi S/Brotherton J et al JID 2012



## Genital warts

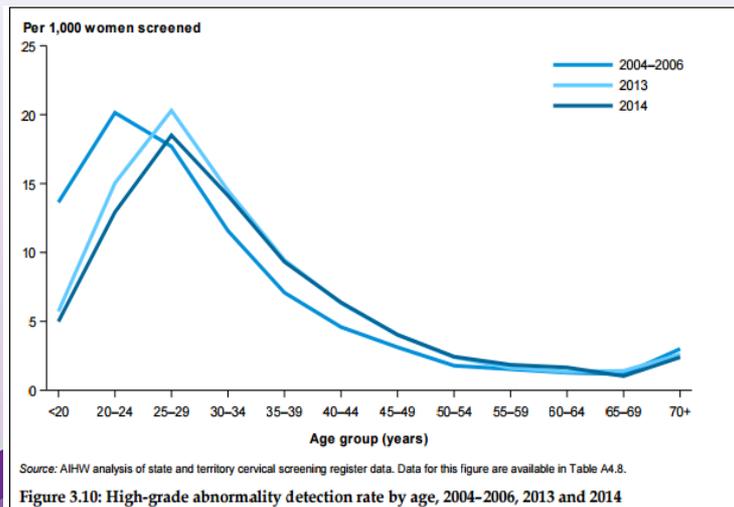
73% ↓

Smith M et al JID 2014

## Confirmed HSIL



Australian Institute of Health and Welfare 2016, 2013-2014



Source: AIHW analysis of state and territory cervical screening register data. Data for this figure are available in Table A4.8.

Figure 3.10: High-grade abnormality detection rate by age, 2004-2006, 2013 and 2014

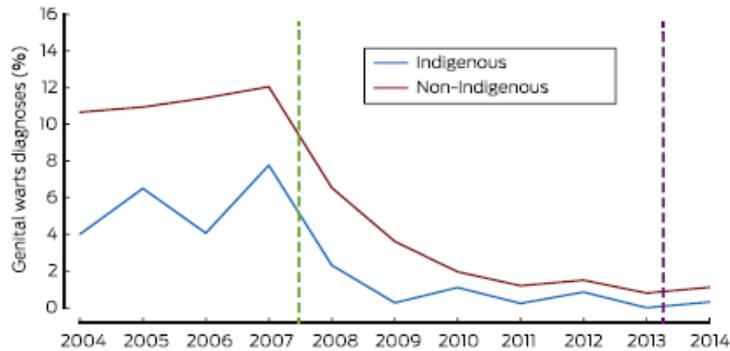
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# Human papillomavirus vaccination and genital warts in young Indigenous Australians: national sentinel surveillance data

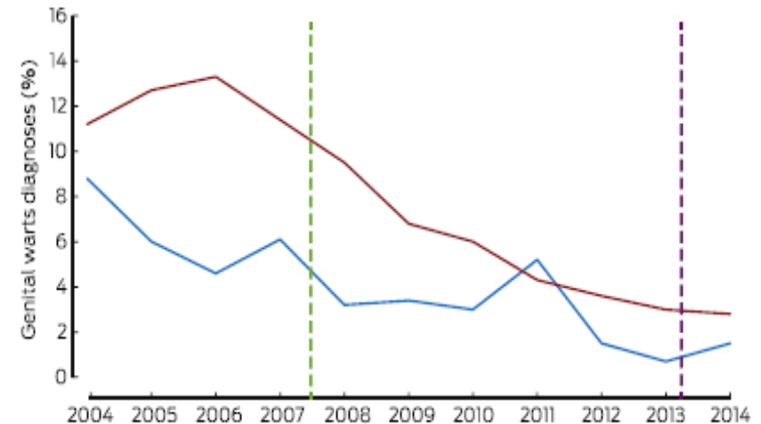
Ali et al. (2015), Medical Journal of Australia; 206: 204-209.

## 1 Proportion of Indigenous and non-Indigenous Australian-born women diagnosed with genital warts at first visit to a sexual health clinic, 2004–2014\*

### A. Under 21 years of age

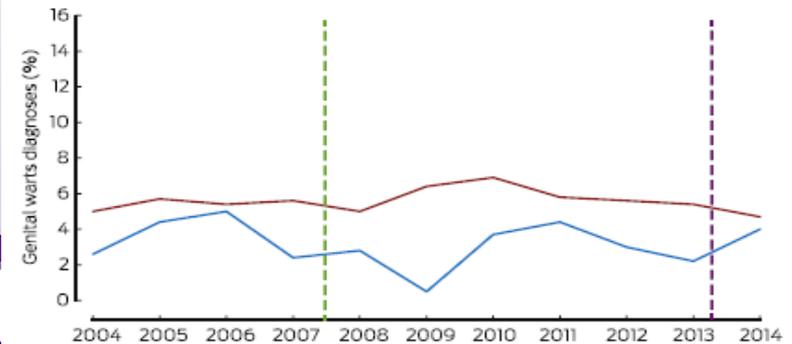


### B. 21–30 years of age



**Conclusions:** *There were marked declines in genital warts in young Indigenous women and men attending SHCs after the introduction of the HPV vaccination. If high levels of HPV vaccine coverage are sustained, HPV-related cancer rates should also decline.*

### C. Over 30 years of age



\* The vertical lines indicate the start of the HPV vaccination programs for girls (2007) and boys (2013). ♦

# Cervical cancer and Aboriginal women

- Incidence of cervical cancer in Aboriginal women is more than twice that of non-Aboriginal women
- Deaths from cervical cancer in Aboriginal women are at least four times that of non-Aboriginal women
- 80% of cases of cervical cancer in Australia occur in women who have never-screened or who are under-screened
- *What are Aboriginal women's participation rates in cervical screening?*

# Aboriginal women and cervical screening participation

- Rates largely unknown due to:
  - ATSI status is not mandatory on pathology request forms; *and*
  - Laboratories are not required to transmit ATSI data to the Cervical Screening Register in their jurisdiction; *therefore*
  - Registers do not have data on ATSI women's participation in screening
- Study conducted in Queensland\* demonstrated:
  - Cervical screening participation was lower for Indigenous women than non-Indigenous women in every age group in every time period
  - Overall participation has remained 20 percentage points lower for Indigenous women versus non-Indigenous women for more than a decade

\* Whop, et al. (2016) *Cancer*, 122(10), 1560-1569.

# A WA strategy to encourage Aboriginal women's screening participation

- Aboriginal Women's Reference Group (AWRG)
  - Joint project between BreastScreen WA and the WA Cervical Cancer Prevention Program (WACCPP)
  - Representation from each WA region
  - Members provide cultural advice and feedback on resources and strategies
  - Recommended that the WACCPP develop a resource to support health care professionals to have discussions with Aboriginal women about cervical cancer prevention

# The WACCPP's flipchart resource

- Developed in consultation with the AWRG
- Artist, illustrator and graphic designer for the flipchart are WA Aboriginal women
- 20 organisations across WA will hold 'pilot tests' of the flipchart
- Flipchart availability will coincide with Renewal implementation



*'Knowledge is hope into the future'*  
Artist: Nerolie Bynder-Blurton

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# The 'Cervical Screening Flipchart Resource'



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# Contact the WA Cervical Cancer Prevention Program

Tel: 08 9323 6788

Email: [cervicalscreening@health.wa.gov.au](mailto:cervicalscreening@health.wa.gov.au)