Connecting the Year 8 HPV vaccination program with school/youth sexual health education

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WA Department of Health
WA HPV vaccination program

• 30,000 year 8 students in 350 schools.
• Catch-up vaccination offered in year 9
• 2018 onwards: 2 dose HPV vaccine, >=6 months apart.

• Vaccination providers collect consent and vaccination data on every student enrolled in schools under their responsibility.
• Parents may consent but education of students re vaccination is also important to avoid refusal and ensure completion.
• Vaccination data entered into the Australian Immunisation Register.
Predictors of...

Consent for vaccination

- Non-Aboriginal
- Catholic school

3 dose vaccine course completion, overall & among consented students

- Non-Aboriginal
- Catholic school
- Rural location
- Least SE disadvantage
### 3 dose HPV coverage, F/M turning 15yo in 2016, national & by jurisdiction

<table>
<thead>
<tr>
<th>Jurisdiction</th>
<th>Female</th>
<th>Male</th>
<th>National average</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACT</td>
<td>77%</td>
<td>71%</td>
<td>77%</td>
</tr>
<tr>
<td>NSW</td>
<td>81%</td>
<td>74%</td>
<td>77%</td>
</tr>
<tr>
<td>NT</td>
<td>83%</td>
<td>74%</td>
<td>77%</td>
</tr>
<tr>
<td>Qld</td>
<td>77%</td>
<td>70%</td>
<td>75%</td>
</tr>
<tr>
<td>SA</td>
<td>77%</td>
<td>75%</td>
<td>72%</td>
</tr>
<tr>
<td>Tas</td>
<td>79%</td>
<td>68%</td>
<td>61%</td>
</tr>
<tr>
<td>Vic</td>
<td>79%</td>
<td>75%</td>
<td>75%</td>
</tr>
<tr>
<td>WA</td>
<td></td>
<td></td>
<td>77%</td>
</tr>
</tbody>
</table>

**F 79%**

**M 73%**
HPV consent and 3 dose course completion by school type, Western Australia 2017

<table>
<thead>
<tr>
<th>School Type</th>
<th>Consent</th>
<th>Completion</th>
</tr>
</thead>
<tbody>
<tr>
<td>Catholic</td>
<td>89%</td>
<td>81%</td>
</tr>
<tr>
<td>Independent</td>
<td>84%</td>
<td>75%</td>
</tr>
<tr>
<td>Government</td>
<td>85%</td>
<td>70%</td>
</tr>
</tbody>
</table>
HPV consent and 3 dose course completion by Aboriginal status, Western Australia 2017

<table>
<thead>
<tr>
<th>Status</th>
<th>Consent</th>
<th>Completion</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aboriginal</td>
<td>89%</td>
<td>52%</td>
</tr>
<tr>
<td>Non-Aboriginal</td>
<td>90%</td>
<td>79%</td>
</tr>
<tr>
<td>Unknown</td>
<td>47%</td>
<td>34%</td>
</tr>
</tbody>
</table>
% of HPV dose 1 consent by Local Government Area (LGA) 2017
SBOP data extracted 30 April 2018

% of HPV course completion by LGA 2017
SBOP data extracted 30 April 2018
% of HPV dose 1 consent by LGA 2017

% of HPV course completion by LGA 2017
Why?

↑ consent ≠ ↑ completion
Parent education ✓
3 dose → 2 dose

= ↑ coverage?
School attendance

HPV consent and 3 dose course completion by school region, Western Australia 2017

- Catholic: 89% (81% before)
- Independent: 84% (75% before)
- Government: 85% (70% before)

HPV consent and 3 dose course completion by school region, Western Australia 2017

- Metro: 85% (74% before)
- Country: 85% (69% before)
<table>
<thead>
<tr>
<th>Time</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
</tr>
</thead>
<tbody>
<tr>
<td>7/8</td>
<td>English KG</td>
<td>Chapel ML</td>
<td>English KG</td>
<td>Music EU</td>
<td>Science ML</td>
</tr>
<tr>
<td>9/10</td>
<td>Library</td>
<td>HUB 2</td>
<td>Library</td>
<td>HUB 1</td>
<td>HUB 1</td>
</tr>
<tr>
<td>8:50</td>
<td>Music EU</td>
<td>Food Tech. ML</td>
<td>Visual Arts ML</td>
<td>Food Tech. ML</td>
<td>Science ML</td>
</tr>
<tr>
<td>9:30</td>
<td>HUB 2</td>
<td>HUB 1</td>
<td>Elective #2</td>
<td>HUB 2</td>
<td>HUB 1</td>
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<tr>
<td>10:10</td>
<td>Study Skills ML</td>
<td>ML</td>
<td>ML</td>
<td>ML</td>
<td>ML</td>
</tr>
<tr>
<td>10:50</td>
<td>ML</td>
<td>ML</td>
<td>ML</td>
<td>ML</td>
<td>ML</td>
</tr>
<tr>
<td>11:30</td>
<td>ML</td>
<td>ML</td>
<td>ML</td>
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<td>ML</td>
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<tr>
<td>12:10</td>
<td>ML</td>
<td>ML</td>
<td>ML</td>
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<td>ML</td>
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<tr>
<td>12:10</td>
<td>Lunch</td>
<td>Lunch</td>
<td>Lunch</td>
<td>Lunch</td>
<td>Lunch</td>
</tr>
<tr>
<td>13:50</td>
<td>Visual Arts ML</td>
<td>Elective ML</td>
<td>Tech. ML</td>
<td>PDHPE KG</td>
<td>Science ML</td>
</tr>
<tr>
<td>14:30</td>
<td>Visual Arts ML</td>
<td>Elective ML</td>
<td>Tech. ML</td>
<td>PDHPE KG</td>
<td>Science ML</td>
</tr>
<tr>
<td>15:10</td>
<td>ML</td>
<td>ML</td>
<td>ML</td>
<td>ML</td>
<td>ML</td>
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<tr>
<td>15:30</td>
<td>ML</td>
<td>ML</td>
<td>ML</td>
<td>ML</td>
<td>ML</td>
</tr>
<tr>
<td>16:10</td>
<td>ML</td>
<td>ML</td>
<td>ML</td>
<td>ML</td>
<td>ML</td>
</tr>
<tr>
<td>16:10</td>
<td>Environment Entrepreneurs ML</td>
<td>ML</td>
<td>ML</td>
<td>ML</td>
<td>ML</td>
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</tbody>
</table>
What CAN we do?
Healthy Promoting Schools Framework

- Curriculum, teaching and learning
- School organisation, ethos and environment
- Partnerships and services
School organisation, ethos and environment

Reminders

- SMS
- Newsletters
Educate schools/students

- importance of vaccinations
- priority
- both doses = best protection
- FREE

Curriculum, teaching and learning

health.wa.gov.au
Support for schools

www.gdhr.wa.gov.au
How does the vaccine work?

Day of vaccination

Human Papillomavirus (HPV)
HPV School Vaccination Program
Free To Students

Australian Government
Department of Health
Year Level

Year 8

Activities

Pregnancy and birth

Through research, students develop an understanding of the stages of pregnancy and how to keep an unborn child healthy. Students create a poster or movie to promote healthy behaviours to keep the unborn child safe.

Dealing with challenging times

Students investigate a range of health information from a variety of sources and decide on which would be most appropriate in dealing with challenging situations.

HIV and other STIs

Students develop their understanding of HIV and other STIs.

What's OK and what's not OK

Students watch Kaivai Girl, an animation for young people to help them understand the stages of puberty and what to expect.

Choices and consequences

Students watch Kaivai Girl, an animation for young people to help them understand the stages of puberty and what to expect.

HPV vaccine

Videos and short activities to show students who will be receiving their HPV vaccine at school.
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

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

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

C. Over 30 years of age

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

Ref:
2. Melbourne Sexual health clinic. STI atlas. [https://stitlas.org/](https://stitlas.org/)
What’s next?

Determine priority areas for support
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