National Immunisation Program [NIP +]

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Monash CVU, November, 2019

COI

- Member of ATAGI since 2014
- Presentation reflects my own views, not those of the committee

- ATAGI (2019) Victoria representation
  - Monash [Allen Cheng (chair); Michele Giles; Karen Bellamy; Tony Korman]
  - Katherine Gibney (RMH/DHHS); Jodie McVernon (Uni Melb)

Getting a vaccine onto the NIP

- Why?
  - Population protection
    - catch-up
  - Commonwealth support program
    - delivery state level
  - Equity
- How?
  - Need a vaccine!
  - TGA (efficacy/safety)
    - Parallel submission
  - Epidemiology
  - Program aspects
    - Infant/adolescent/adult timepoints

Getting a vaccine onto the NIP

Getting a vaccine onto the NIP

- **PBAC**

(Health economics 101)

  - QALY
  - **ICER**

- **Committee vaccine experts:**
  - Tom Snelling (current)
  - Jim Buttery/ David Issacs

- **PBAC**
  - Agenda
  - Minutes

- **MVEC 'ATAGI' page**

Melbourne VACCINE EDUCATION Centre

NIP change in practice

- **Cost minimisation:**
  - PCV13 [same No. doses; just a schedule change 2+1]
  - MenACWY [replace Hib-MenC]
    - No additional cost to the NIP program….

- **Near market comparator [MenACWY]**
  - Nimenrix [NIP Adolescent program]
    - Menveo (submitted); Menactra (did not reach PBAC)

State based programs [NIP +]

- **<u>Example 1</u>: MenACWY**
  - Emergence of Men W & Y
    - Not protected using NIP vaccine [*Hib-MenC @ 12 months*]
    - Majority states/territories introduced jurisdictional (adolescent program)
- **<u>Example 2:</u> Seasonal influenza vaccine [6/12 to 5 years]**
  - States/territories 2018/19 (post severe 2017 season]
  - **NIP [Vaxigrip tetra] 2020**

What is special about S.A?

Melbourne Children's
A world leader in child and adolescent health

Budget Direct

Money AWARDS 2019 — INSURER OF THE YEAR '17, '18 & '19

Car Insurance | Home Insurance | Travel Insurance | Roadside Assistance | NSW CTP | Other Products

IMD notifications by jurisdiction and serogroup

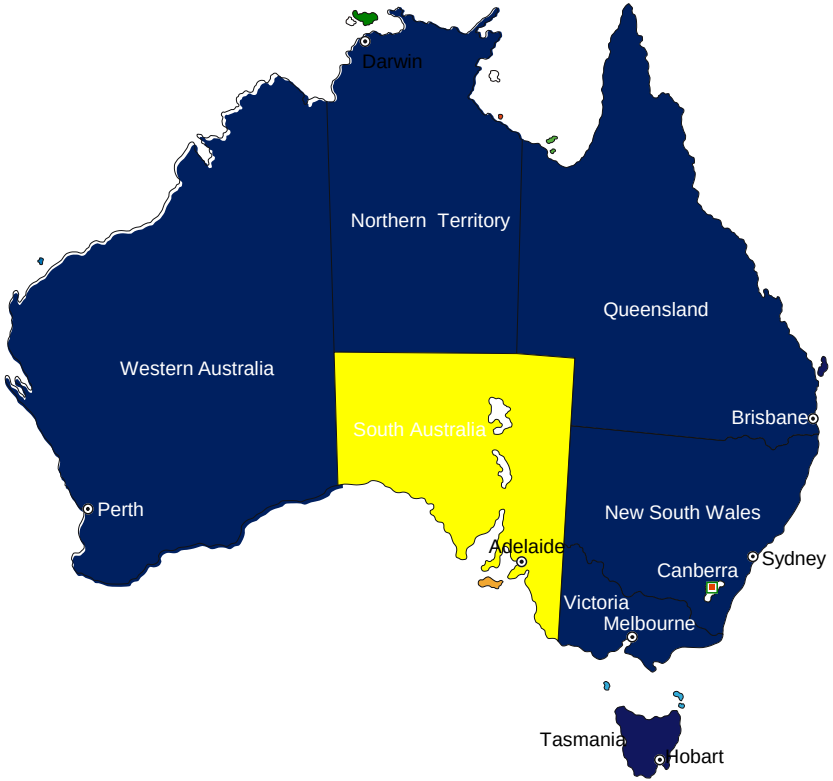
State or territory	Notifications									Rate per 100,000 pop
	A	B	C	E	W	X	Y	NG*	Total	
1 January to 17 October 2018										
ACT	0	0	0	0	1	0	0	0	1	0.2
NSW	0	24	2	0	18	0	11	1	56	0.7
NT	0	2	0	0	4	0	0	2	8	3.3
QLD	0	22	0	2	9	0	9	2	44	0.9
SA	0	21	0	0	3	0	1	0	25	1.5
TAS	0	3	0	0	5	0	1	0	9	1.7
VIC	0	12	1	0	16	0	10	3	42	0.7
WA	0	7	0	0	18	0	1	1	27	1.1
Australia	0	91	3	2	74	0	33	9	212	0.9
1 January to 17 October 2017										
Australia	0	118	10	0	109	0	60	12	309	1.3

#Data from the National Notifiable Diseases Surveillance System as 17 October 2018.
*NG includes where meningococcal isolates could not be identified ('not groupable'), other isolates not grouped and where serogroup was not known.

Nationally-funded MenACWY vaccination program for adolescents commenced from April 2019

PROGRAMS

	MenACWY
	MenB
	Nil program (to date)



Health topics A - Z

Health topics by body part

Health conditions, prevention and treatment

Abortions

Alcohol

Assisted insemination

Asthma and hay fever

Meningococcal B Immunisation Program

The State Government Meningococcal B (MenB) Immunisation Program provides free meningococcal B vaccines to children and young people who are residents of South Australia and have a Medicare card.

Who is eligible for the Meningococcal B Immunisation Program?

- The childhood program is offered to those aged 6 weeks to 12 months of age and commenced on 1 October 2018. A childhood catch-up program will be available for those from 12 months to less than 4 years of age. The childhood catch-up program will be available for those from 12 months to less than 4 years of age (at the commencement of the program). The childhood catch-up program will end 31 December 2019.

Benefits NIP

- Avoid confusion
- Equity
- Education
- Resources
- Update- new target groups; enhanced vaccine(s)
  - [e.g. HPV4- females (2007); males (2014); HPV9 2018]

Currently

- **What hasn't got onto NIP recently?**
  - Shingrix [inactivated zoster vaccine]

- **What has been through PBAC- not on NIP?**
  - [May 2019- Asplenia/Hyposplenia]
  - MenACWY; PCV13;PPV23; Hib
    - *No MenB as vaccine currently not on NIP*

PBAC May minutes: SRG

- The PBAC recommended that the following vaccinations.... be listed on the NIP schedule for patients with asplenia and hyposplenia –
- The PBAC considered that the populations with asplenia and hyposplenia had a high clinical need for these vaccines, and that the vaccines would be as cost-effective in this population as in the current NIP subsidised populations. The PBAC noted that the vaccination schedule for patients with asplenia and hyposplenia in the Australian Immunisation Handbook was recommended by ATAGI, and considered that access to the vaccines mentioned above to this population through the NIP was appropriate

http://www.pbs.gov.au/industry/listing/elements/pbac-meetings/pbac-outcomes/2019-05/positive-recommendations-05-2019.pdf

NIP pipeline

- PBAC November meeting [major submissions]
  - Bexsero [4th submission: Novartis/ GSK]
  - Fluzone (High dose flu- 65+ years)
  - FluQuadri (0.5ml to all ages > 6-months)

http://www.pbs.gov.au/info/industry/listing/elements/pbac-meetings/pbac-outcomes

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Victorian Immunisation Schedule

Immunisation Schedule

Available on the App Store

ANDROID APP ON Google play