

Workshop 4



Vaccine catch-up:
The incoming migrant family

14:30

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VACCINE CATCH UP: THE INCOMING MIGRANT FAMILY

WORKSHOP

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CASE STUDY

- A family of 4 visits your clinic. They have recently migrated to Australia from India where both the parents and their two children were born.

The family consists of-

- Father, 38yrs, Plumber
 - Nil medical conditions/Allergies/Medications
- Mother, 32yrs, Homemaker
 - Thyroid dysfunction on Thyroxine
 - Nil allergies or other medications
- Child A, Female 3.5 yrs, DOB: 20/03/2020
 - Nil medical conditions/Allergies/Medications
- Child B, Male 14months, DOB: 11/5/2022
 - Egg anaphylaxis, carries Epipen
 - Nil other medical conditions/medications

CASE STUDY

- The family have visited the clinic today as they are looking to enroll child A into kinder and child B into childcare. They have been informed that the children require their vaccination records to be uploaded onto the Australian Immunisation Register and a certificate provided to allow for enrollment.
- According to the parents, both children have been vaccinated as per the Indian immunisation schedule, they have provided stamped and dated vaccination cards.

IMMUNISATION HISTORY

Child A

21/3/2020

- BCG
- Hep B
- Oral Polio

4/5/2020 (6 weeks)

- DTwP
- HIB
- IPV
- Hepatitis B
- Pneumococcal
- Rotavirus

1/6/20 (10 weeks)

- DTwP
- HIB
- IPV
- Hepatitis B
- Pneumococcal

2/7/20 (14weeks)

DTwP
HIB
IPV
Rotavirus

25/09/2020 (6 months)

Oral Polio
Hepatitis B

18/12/2020 (9 months)

Oral Polio
MMR

23/3/2021 (12 months)

Hepatitis A

30/6/2021 (15 months)

MMR
Varicella
Pneumococcal

25/09/2021 (18 months)

HIB
IPV
Hepatitis A
Typhoid

Child B

11/05/2022

- BCG
- Hepatitis B
- Polio

23/6/2022 (6 weeks)

- DTP/HepB/IPV/HIB
- Oral Polio
- Pneumococcal
- Rotavirus

23/7/2022 (10 weeks)

- DTP/HepB/IPV/HIB
- Pneumococcal
- Rotavirus

- **22/8/2022 (14 weeks)**
- DTP/HepB/IPV/HIB
- Oral Polio

- **15/02/2023 (9 months)**
- Measles
- Oral Polio

- **13/05/2023 (12 months)**
- Hepatitis A
- Pneumococcal

CONSIDERATIONS

- How would you approach this situation?
- What resources are available to help you develop a catch-up vaccination plan for the children?
- Are there any investigations you should consider before recommending a vaccination plan?
- What conversations and/or investigations should you consider having with the father? He is planning to pursue a career in Plumbing in Australia
- Should any investigations or vaccines be considered for the Mother? The family are considering further children in the future.

RECOMMENDATIONS

- What do you recommend for:
 - Father
 - Mother
 - Child A, 3.5yrs
 - Child B, 14 months
- Should you consider vaccinating at your clinic or referring to a vaccination center, or both?
- Who is provided with free vaccines in Australia?

ANSWERS

Child A- Catch up recommendations

- Due Now- DTP/IPV, MMR, Meningococcal ACWY
- Consider that 4yo Infanrix IPV is able to be given from 3.5yrs of age, this will rule out needing to give 18m dose of Infanrix.
- Early MMR given at 9 months does not count as dose one as <12m of age. A 3rd dose is required.
- Some countries give multiple doses of polio. AIR will not accept dose given at birth.
- AIR will also not accept Hib dose 3 when given at 14 weeks of age as too young. Contact AIR to accept this.

ANSWERS

Child B- Catch up recommendations

- Due now- MMR, Hepatitis B booster, Meningococcal ACWY
 - Consider- 9 month dose of Measles does not count as valid dose
 - Hepatitis B dose 3 given too early at 14 weeks, minimum age is 24 weeks and minimum 8 weeks post dose 2
 - Hib dose 3- AIR likely to reject as given <6 months of age. This needs to be cleared by contacting AIR. Is valid dose
- Due at 18 months
 - MMRV, Hib, DTPa
- Due at 4yrs
 - DTPa-IPV

RECOMMENDATIONS

- **Father**

- Consider Hepatitis A and B serology and vaccines if required
- Consider dTpa booster

- **Mother**

- Consider measles/rubella serology and vaccines if required
- Consider dTpa booster

RECOMMENDATIONS

How would you approach this situation?

- Take a slow approach
- Use available resources to assist
- Some histories can be difficult to read, transcribe dates onto another document

What resources are available to help you develop a catch-up vaccination plan for the children?

- Immunisation Catch-up calculator
- Catch up worksheet
- Immunisation hotline
- RCH immunisation service

RECOMMENDATIONS

- Are there any investigations you should consider before recommending a vaccination plan?
 - Not usually
 - If a child has none or an incomplete history and parents are confident of full immunisation status consider serology
 - MMRV, Hepatitis B SAb
 - AIR natural immunity exemption
 - All other serology unreliable and not acceptable
- Should you consider vaccinating at your clinic or referring to a vaccination center, or both?
 - Any vaccination provider can complete catch-up vaccination
 - However, its ok to ask advice or for help
- Who is provided with free vaccines in Australia?
 - Children <19yrs of age are provided with free catch-up vaccination
 - Refugees and humanitarian entry visas are provided with free catch-up vaccination

CONSIDERATIONS

- How closely did your answers align with the case study's response?
- Are there any key differences, and if so, how do you think those differences might impact the outcomes?
- Are there any changes you would make to your answers above?