

# Immunisation rates & missed opportunities

A retrospective audit at a  
paediatric tertiary hospital

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Community Health

Mental Health

Perth Children's Hospital

## Method

- 300 admissions
  - 100 per ward: 5A, 8A, 9A
- Admissions from 31.8.17 retrospectively
- Excluded overseas pts and those with no Australian Immunisation Registry (AIR) record
- Explored their AIR status
- Reviewed the notes of the patients who were not up-to-date according to AIR, to ascertain if:
  - Immunisation history was documented
  - Consistent with AIR
  - If not up-to-date, was this documented
  - If not up-to-date, was catch up immunisation offered
- Reviewed AIR 3 months later to ascertain if they had received catch up immunisation

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## Results

Not up-to-date on AIR	67/273	24.54%
Immunisation history documented in notes	52/67	77.61%
History consistent with AIR	8/52	15.38%
Documented catch up req.	7/67	10.77%
Catch up offered on ward	2/7	28.57%
Caught up in next 3/12	17/65	26.15%

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## Discussion

- Immunisation rates remain stable, but lower than state average
  - 75.82% vs 91.65%
  - Cause
    - %complex medical conditions %SES %ATSI %contraindications %AIR not updated
- Opportunities are missed
  - Parents not reporting status accurately
  - Doctors not asking, documenting, offering
  - Reasons for immunisations not being up-to-date are not recorded
- Recommendations
  - Review AIR for all admissions
  - Education
    - Full immunisation history
    - Approach to immunisation hesitancy
  - New inpatient immunisation service & drop-in centre at PCH
  - Repeat audit

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