



# IMMUNISATION QUALITY IMPROVEMENT (QI) ACTIVITY

The aim of this project was to identify and implement a robust and sustainable business as usual approach to childhood vaccination systems and processes, to increase the number of infants and children fully immunised, in five participating general practices.

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## WE DISCOVERED

↓ trend in fully vaccinated coverage among children on the Gold Coast since the onset of the COVID-19 pandemic.

**30%** Gold Coast children due/overdue for vaccinations live in Ormeau-Oxenford.

### 2022 rates of fully vaccinated:

- 1 year olds – 91.3%
- 2 year olds – 90.1%
- 5 year olds – 93.2%

Need to increase ↑ vaccination rates in Ormeau-Oxenford due to national vaccination target of 95%.

Need for improved practice systems/processes and ↑ in community awareness.

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## SOMETHING HAD TO BE DONE



- ✓ Implement a QI activity to improve the uptake of childhood vaccination.
- ✓ Support improved systems and processes for identifying children due/overdue for vaccinations.
- ✓ Upskill the primary care workforce.

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## WHO WE REACHED

**42** (36 RNs & 6 ENs) primary health care nurses acquired immunisation qualifications.

**5** general practices participated in a facilitated QI activity.

**20** general practices in total implemented a Childhood Immunisation QI activity.



Gold Coast community via targeted campaigns, e.g. cinema advertising and Spotify adverts.



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## WHAT WE DID

Communication strategy implemented (community/Health Care Professionals)



awareness of childhood vaccinations

### Supported practices to:

- ✓ Conduct an end-to-end data informed QI activity including:
  - QI training including using Primary Sense.
  - Access to QI toolkit and action plan resources.
  - Onboarding, touchpoint and evaluation meetings.
  - Confidently use the Australian Immunisation Register (AIR) and reports.
- ✓ Upskill PHC nurses via Immunisation training scholarships and educational workshops.
- ✓ Facilitate nurse attendance at a Gold Coast Public Health Unit (GCPHU) vaccination clinic.
- ✓ Meet PIP QI and accreditation requirements.

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## KEY BENEFITS

Ongoing and sustainable 'business as usual' processes to identify children overdue/missing immunisations.

- ✓ More children identified for a vaccination catch up schedule decreasing the risk of acquiring a vaccine preventable disease.
- ↑ in knowledge and skills of practice staff to implement data-informed QI activities and use associated resources.
- ↑ increased knowledge and skills utilising Australian Immunisation Register to request, extract and analyse AIR010A report to identify children due/overdue for vaccination.

**4.9%** decline in children due for vaccinations in Ormeau - Oxenford (compared to 2.6% decline across total Gold Coast).



### Changes implemented as a result of this activity:

- "Using the AIR010A report to follow up children without contact and overdue/due immunisations."
- "Offering flexibility to offer late appointments for vaccination one day per week."
- "Actively looking more often through the appointments book for opportunistic immunisations."