

Quality Improvement (QI) Plan-Do-Study-Act (PDSA)

QI activity focus / Objective	Improving influenza vaccination status in children aged 2 – 11 through offering intranasal seasonal influenza vaccination.		
QI activity lead/s			
Start measure	Number of patients aged 2 – 11 given influenza vaccination at the practice in May and June 2025:	End measure	Number of patients aged 2 – 11 given influenza vaccination (intramuscular or intranasal) at the practice in May and June 2026:
Start date	<i>1 May 2026 (but measuring improvement against same period in previous year due to seasonality of issue)</i>	End date	<i>1 July 2026 (but measuring improvement against same period in previous year due to seasonality of issue)</i>

<p>Step 1: PLAN</p> <p>What do you plan to do/achieve</p>	<p>During May and June 2026, our practice will be adopting the WA Nasal Spray Influenza Program and offering patients between 2 – 11 years old FluMist, a needle free influenza vaccine via a nasal spray delivery system. We are doing this with the aim of improving our vaccination rates for this cohort, by 10%, on the numbers recorded for the same period in 2025, to measure what effect the introduction of this product has.</p>
<p>Step 2: DO</p> <p>Outline the steps you will undertake</p>	<ol style="list-style-type: none"> 1. This activity will offer comparison against the same time last year to measure effectiveness of offering a needle-free influenza vaccination for children aged 2 – 11. Run database search to establish the number of patients in this cohort who were vaccinated against influenza at the practice during May and June 2025 and record on PDSA. A search query to identify this figure can be found in 'Other Information.' 2. Ensure all staff involved in the administration of this vaccine have completed the 2026 immunisation updates provided by WA Health (links in 'Other Information') and have studied the guidelines in the Australian Immunisation Handbook for any vaccine they are offering, noting changes to recommendations (in particular the most up to date advice on second doses of influenza vaccine for some of this age group, which have been updated for 2026 – see link in 'Other Information'), are competent about correct administration of this intranasal vaccine and feel well equipped with the knowledge to answer questions families are likely to have on this new product. <p>Additionally, use this activity as an opportunity to ensure that all practice staff have completed the Cold Chain Management e-learning module from the Department of Health (also accessed through link in 'Other Information').</p> 3. Ensure all practice details are up to date on government vaccine ordering account via Onelink and follow relevant instructions provided there to order an appropriate level of stock, as per guidelines, of FluMist. 4. Educate all practice staff including those who do not administer vaccines on this initiative so that they can appropriately converse with patients. 5. Plan how appointments will be booked for children to receive FluMist. Will clinics be offered, will they be offered the vaccine at opportunistic moments

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	<p>or will it be a combination of both? Communicate same to staff and plan for bookings to align with stock delivery.</p> <ol style="list-style-type: none"> 6. Once stock delivery is confirmed/ received, identify all eligible patients and invite for appointments (As per practice policy. If this is to include a search query to enable bulk SMS invitations to be sent, see this search query in 'Other Information'). N.B. This search query only identifies patients who fall within the correct age range to be able to receive the intranasal flu vaccine this year, it does not exclude patients who may not be able to receive it due to immunocompromise or contraindication, nor those who may have already received an influenza vaccine elsewhere during the current season. This should always be checked on the Australian Immunisation Register. 7. Book patients as per identified procedure for bookings. 8. Run another search query at the end of May and again at the end of June 2026 to determine the comparable vaccination rate for this cohort of patients at the practice this season and record on PDSA.
<p>Step 3: STUDY</p> <p>What did you observe?</p>	<ul style="list-style-type: none"> • Monitor the number of children attending for vaccinations before and after implementing the recall process. • Monitor staff availability – is the current booking system working well? • Are there any additional requirements for accommodating bookings for this cohort (i.e. before/ after school/ Saturday morning clinics)? • Do all staff feel appropriately trained to discuss this vaccine and deliver it safely? • What is the patient feedback like from the children? How does this compare with their feedback on receiving a vaccine previously with a needle? • What is the feedback like from family members? Could you create a scale or a survey to record patient and family distress or acceptance between the types of flu vaccine administration? • Do you have any relationships with local schools and sports clubs? Have they made any comments on attendance rates or any playground chat? • Analyse the data to determine the effectiveness of offering this vaccine as a needle free influenza immunisation option for this group of patients.

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<p>Step 4: ACT</p> <p>Will you adopt, adapt or abandon this change?</p>	<ul style="list-style-type: none"> • Based on the analysis, make necessary adjustments to the recall process to improve its effectiveness. • Continue the monthly review and recall process, incorporating any improvements identified. • Share the results and best practices with the team to ensure ongoing success.
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Any other information?

Examples: notes, screenshots, graphs, context information, resources, Brainstorming

2026 Annual WA Immunisation Update learning including:

- 2026 Annual WA Immunisation Update
- 2026 Influenza
- 2026 Western Australian RSV Immunisation Program
- WA Cold Chain Management

[Sign in to Department of Health - Department of Health](#)

Video: Administering Live Attenuated Influenza Vaccine: [Administering Live Attenuated Influenza Vaccine - YouTube](#)

Australian Immunisation Handbook Influenza Guidelines (note updates for 2026): [Influenza \(flu\) | The Australian Immunisation Handbook](#)

Search query to identify patients aged between 2 – 11 who received an influenza vaccine during May and June 2025 (copy and paste into Search box on Best Practice)	<pre>SELECT * FROM BPS_Patients WHERE StatusText = 'Active' AND DOB < DateAdd(Year, -2, GetDate()) AND DOB > DateAdd(Year, -12, GetDate()) AND (InternalID IN (SELECT InternalID FROM Immunisations WHERE VaccineID IN (SELECT VaccineID FROM BPSDrugs.dbo.VACCINE_DISEASE WHERE DISEASECODE = 7 AND RECORDSTATUS = 1) AND Givendate >= '20250501' AND Givendate <= '20250701' AND RecordStatus = 1)) ORDER BY surname, firstname</pre>
Search query to identify patients between 2 – 11 years old (copy and paste into Search box on Best Practice)	<pre>SELECT * FROM BPS_Patients WHERE StatusText = 'Active' AND DOB < DateAdd(Year, -2, GetDate()) AND DOB > DateAdd(Year, -12, GetDate()) ORDER BY surname, firstname</pre>

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The list this query generates will form the list for recalling to offer FluMist to.	
Search query to identify number of patients between 2 – 11 years old who have received a flu vaccine in May/ June 2026.	<pre>SELECT * FROM BPS_Patients WHERE StatusText = 'Active' AND DOB < DateAdd(Year, -2, GetDate()) AND DOB > DateAdd(Year, -12, GetDate()) AND (InternalID IN (SELECT InternalID FROM Immunisations WHERE VaccineID IN (SELECT VaccineID FROM BPSDrugs.dbo.VACCINE_DISEASE WHERE DISEASECODE = 7 AND RECORDSTATUS = 1) AND Givendate >= '20260501' AND Givendate <= '20260701' AND RecordStatus = 1)) ORDER BY surname, firstname</pre>

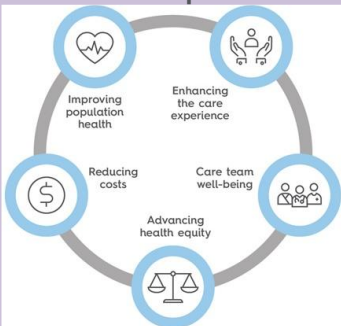
Questions, Links and information:

- What is a smart goal?: [SMART Goals Cheat Sheet](#)
- How to document a PDSA? [Guide to documenting a QI activity as a PDSA](#)
- Does this need to be documented in a PDSA or can it be captured in a QI log? [Identifying and undertaking QI activities using PDSAs](#)

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QI Quintuple Aims for health care improvement:



10 PIP QI Measures.

1. diabetes with HbA1c result
2. smoking status
3. weight classification
4. 65+ and Influenza Immunisation
5. Diabetes and Influenza Immunisation
6. COPD and Influenza Immunisation
7. alcohol consumption status
8. risk factors enable CVD assessment
9. cervical screening
10. diabetes & blood pressure

Building blocks

