



NIR and Immunisation Webinar

Leading-edge software for health professionals

National Immunisation Register

- The National Immunisation Register (NIR) is designed to retain all Immunisations given to individuals on the current childhood immunisation schedule (for eligible patients).
- Medtech will send Immunisation data to the NIR when immunisations are entered correctly into Medtech. *(this is dependent on the site being setup correctly for NIR and that the Patient has an “Opted On” status.*
- Users have the ability to use a Status Query within Medtech to obtain the immunisation status of an individual.
- The status query will send a message via Healthlink to the NIR and the NIR will return the Immunisation history for that patient via Healthlink into the Provider Inbox within Medtech.

Mandatory fields

- To ensure Immunisation Messages are sent through to NIR you need to be aware of the Mandatory fields required in the Patient Registration (F3) Tab 1
 - Name and address of patient
 - Date of birth
 - NHI
 - Gender
 - Ethnicity
 - To load more than one Ethnicity go to the More tab of the Patient Register and add as required:

Mandatory Fields - Next of Kin (NOK)

- Always enter street address of NOK in NOK tab 5 of F3 Screen
- Enter Relationship in full (e.g. Mother, Father, Sister, Brother, Son, Daughter, Uncle, Aunt, Nephew, Niece, Cousin, Grandfather, Grandmother etc.)

Patient Register
BABY Elvis (130371)

Name 1 | Enrolment-Funding 2 | Account 3 | More 4 | Next of Kin/Employer 5

Next of Kin

Surname: PRESLEY

First Names: VERNON Title: MR

Street: Lonely Street

Suburb: Heartbreak Hotel

City: Memphis

Residence:

Day Phone:

AH Phone:

Relationship: Father

Employer

Name:

Address:

Town/City:

Phone:

Insurer:

Occupation:


Inactive

Add OK Cancel

Mandatory Fields – Immunisation Screen

- **Completing all Mandatory fields**, will save work later on. Medtech will prompt you if not complete – ALWAYS choose “Correct” and update missing fields
- **Mandatory Fields within the Vaccine Screen:**
- **Provider:** This must be a doctor and have a NZMC Registration Number in Staff Setup,
- **Vaccinator:** This must be a provider at least and have a NZNC and Registration Number in the Staff Setup if a nurse,
- **Outcome, Route, Site, Batch Number, Batch Expiry, Auto bill** ticked to ensure that claims are generated.
- **A reason for rescheduling**

Immunisation Outcomes

- To open the Immunisation Screen, press the Function 4 key (F4) or go to the Imms tab within the Patient Manager (F6). You could also use the Imms icon 
- Recording Immunisation Events. Enter the relevant outcome e.g. Given
- Recording Vaccines Given Elsewhere (*if given elsewhere in NZ then sites would generally do a Status Query and update automatically with info from NIR*).
- Declining Vaccinations
- Non Responder Outcome
- Closed by Provider and Closed not Required
- Colours – Blue Due now, Red Overdue, black due in the future
- Italics indicate a rescheduled vaccine

NIR Messages

- NIR Messages Provider Inbox  (filter for All Providers – change the folder to NIR)
- NIR messages generating by Medtech (Error occurred in sending data – not all mandatory fields entered)

Resetting Failed Messages

- Maximum Retry Count (if message not sent OR if no confirmation received after sending 3 times)
- Resetting Failed Messages (Choose Utilities> NIR> NIR Message Transfer)
 - Within 1st tab filter for failed messages within a date range, tick relevant msgs and click the reset icon



NIR Birth Nominations

- Within the Provider Inbox – NIR Birth Nominations
- Match the patient – or find mother and do a family add
- When Birth Nominations are accepted
 - F3 will be populated
 - Imms schedule ticked
 - NIR Opt on ticked

Immunisation Updates

- NIR will send Immunisation Update Messages via HealthLink to relevant providers if a child has been immunised elsewhere.
- Open the message and match the patient
- Choose update and select the information you want to update
- After selecting update, two tabs are displayed:
 - Detail tab
 - Immunisation tab
- Each tab displays a column with the NIR data and the Medtech data.
- Select individual fields OR Choose the “Select All” or “Unselect All” button to determine which fields within Medtech you want to update with the NIR information.

Reschedule Error Messages

- Rescheduling error messages – error occurred in sending data if rescheduled and NO reason entered.
- Solution once sent – Open the Recall (F5) and add a reschedule reason.

Rescheduling

- Reschedule to change the patients date of Recall
- Prevents unnecessary overdue messages from NIR
- Reason Codes
 - Contraindication e.g. severe reaction
 - Refer to Specialist Provider (Child referred to Paed's clinic for decision on imms)
 - All other times use 'individual'
- When NIR receives Reschedule reason codes Contraindication or Specialist Provider – it adds alert warning in NIR record which populates Status Queries to warn others not to Vaccinate


NIR Opt on /Opt off

- Get verbal consent from parent/caregiver the first time you see the baby/child/youth to Opt On/off NIR
- Opt On means the parent consents to the child's Immunisation data being sent to the NIR.
- Opt Off means the parent doesn't consent to the Immunisation data being sent to the NIR
- When manually loading a new patient – Medtech will prompt to ask if they wish to Opt on to NIR
- Double check to see if Opt On has occurred
- Check in F4 screen Schedule Selection 3

NIR Opt on /Opt off

- If NIR Opt on is not active then NIR will not receive messages and this will result in:
 - Inaccurate patient records
 - Inaccurate Immunisation coverage
 - Unnecessary overdue messages sent from NIR to Medtech
- Exception is HPV – this is messaged automatically – but double check to ensure opt on is selected
- If Parents Opt Off – Parents are required to complete and sign an NIR2 form which is sent to NIR.

Status Queries

- Use the NIR Status Query to get information from NIR and populate a patient's immunisation history e.g. when a child enrolls with your practice that has previously been living elsewhere in New Zealand.
- Choose the Status Query Icon from your toolbar, or select Module > Immunisations > NIR Status Query 
- Enter in as much information as you have and choose the NIR Search button
- A message will be returned to the Provider Inbox based on the match results -
Status Query Single Match
Status Query – Result (if multiple matches found)
No Match

Status Queries - continued

Status Query Single Match -

If NIR can match the patient from the details submitted then a Status Query Single Match will be returned to the Provider Inbox with Immunisation records which can be used to update the patient.

Status Query – Result

If multiple matches found this message displays possible matches. The user must select the “Search” option and select the required patient before activating another search.

No Match

Flu Imms

- Recording Flu 65 Vaccinations

Add the Flu 65 Schedule to Schedule Selection 3 (3rd tab of F4)

Double click Flu65 within Imm Schedule 1 (1st tab of F4)

- Recording Other Eligible Flu & Travel Vaccines

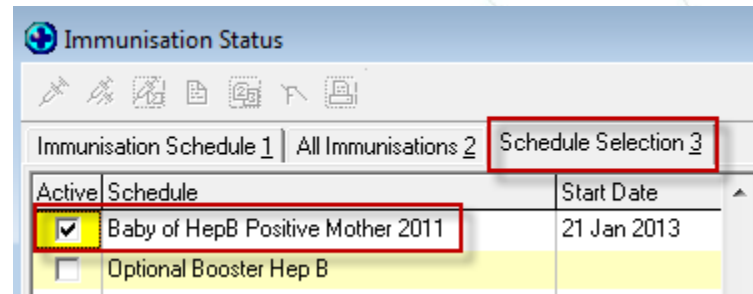
- These are NOT on a schedule therefore give these imms through the All Immunisations (2nd tab of F4)

- give with the single syringe icon

- You can also record unsubsidized Immunisations via the All Immunisations tab (2nd tab of F4)

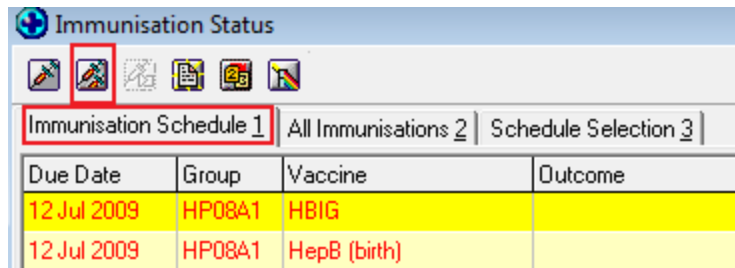
Schedule Selection (tab 3) F4

- Select the correct age related schedule
- Catch-up Schedules – Use if the child is coming for FIRST vaccine and is late
- Selecting Baby of HepB Positive Mother Schedule

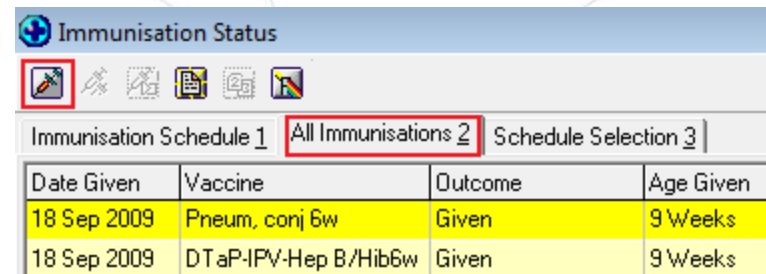


Double Syringe Versus Single Syringe Within F4 Screen

- ALWAYS use the Double Syringe to give Group Vaccines in F4, Immunisation Schedule 1 tab. (Same as double clicking)
- If you use the single syringe the recall won't be removed when the imm is given
- The only exception is when part of a group is given and the other part of the group is given later, then you would use Single Needle to enter the second part of the group.
- Also use Single Syringe in All Immunisations Tab 2 to give Travel vaccines and Other Eligible Flu



Due Date	Group	Vaccine	Outcome
12 Jul 2009	HP08A1	HBIG	
12 Jul 2009	HP08A1	HepB (birth)	



Date Given	Vaccine	Outcome	Age Given
18 Sep 2009	Pneum. conj 6w	Given	9 Weeks
18 Sep 2009	DTaP-IPV-Hep B/Hib6w	Given	9 Weeks

Inactivating an Incorrect Immunisation

- If you have recorded the wrong Immunisation
 - Open the Immunisation by double clicking it and tick the Inactive box
 - You will need to add back in the Recall (F5) for this imm as it doesn't automatically come back.
 - Use the filter icon within the Immunisation screen to view inactivated imms