

# Speciality Guide Administration of MMR and PCV-10 Vaccinations

For children 12 Months and 15 Months of age

Medtech Evolution



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# Administration Guidelines for MMR Vaccine – 12 months of age

This document will provide guidelines to Medtech Evolution practices for administration of MMR vaccinations for eligible patients using existing immunisation schedule tasks, sending of recorded vaccinations to the NIR, and claims for the vaccinations to ProClaim as an interim measure until the 2020 Immunisation Schedule Changes are available to practices.

## Age – 12 Months

Administration of the MMR vaccination for eligible patients that are 12 months of age should be completed by selecting the existing MMR-1 15m (15 months) vaccination task on the patients selected Childhood Immunisation Schedule.

The administration of the MMR-1 15m vaccine task should be recorded from the Immunisation Schedule tab in the Immunisation Status screen within Medtech Evolution using the Add a new Immunisation Term (Single Syringe) option.

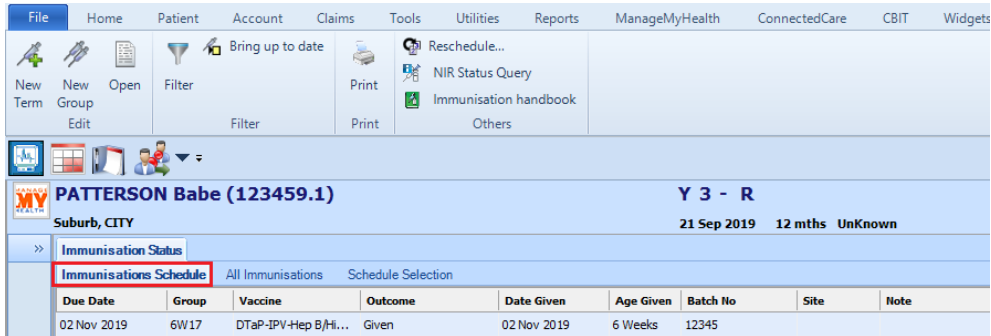
Due Date	Group	Vaccine	Outcome	Date Given	Age Given	Batch No	Site	Note
02 Nov 2019	6W17	DTaP-IPV-Hep B/Hi...	Given	02 Nov 2019	6 Weeks	12345		
02 Nov 2019	6W17	Pneum, conj 10, 6w	Given	02 Nov 2019	6 Weeks			
02 Nov 2019	6W17	Rotavirus mono,Do...	Closed Not Required	21 Sep 2020				Auto Added
21 Dec 2019	3M17	DTaP-IPV-Hep B/Hi...	Given	21 Dec 2019	3 Months			
21 Dec 2019	3M17	Pneum, conj 10, 3m	Given	21 Dec 2019	3 Months			Auto Added
21 Dec 2019	3M17	Rotavirus mono,Do...	Closed Not Required	21 Sep 2020				Auto Added
21 Feb 2020	5M17	DTaP-IPV-Hep B/Hi...	Given	21 Feb 2020	5 Months			
21 Feb 2020	5M17	Pneum, conj 10, 5m	Given	21 Feb 2020	5 Months			

## Administer MMR-1 for 12 months

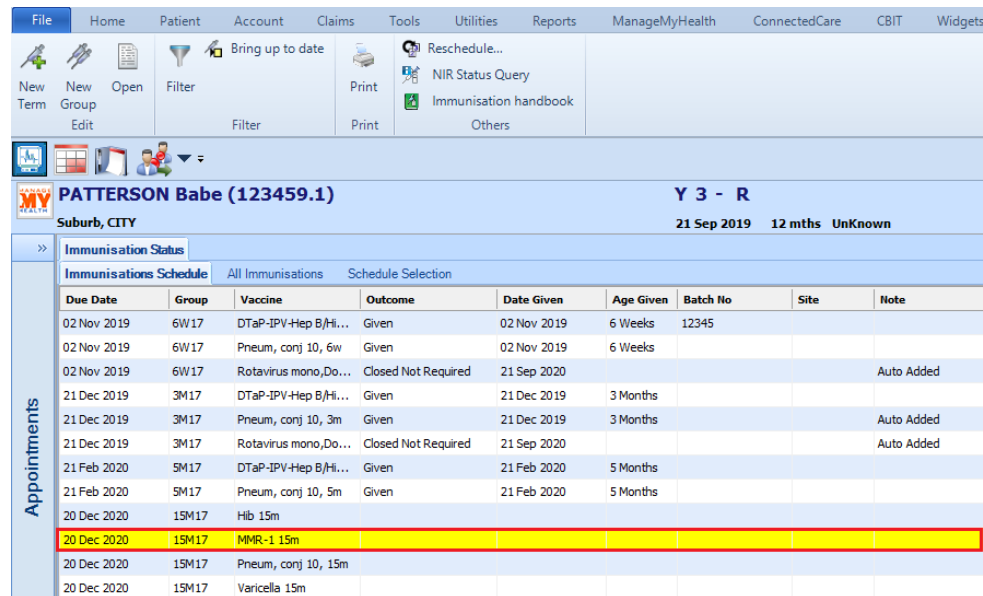
1. Ensure that the patient has been placed on the palette within Medtech Evolution
2. Open the patients Immunisation Status screen (F4)

Due Date	Group	Vaccine	Outcome	Date Given	Age Given	Batch No	Site	Note
02 Nov 2019	6W17	DTaP-IPV-Hep B/Hi...	Given	02 Nov 2019	6 Weeks	12345		
02 Nov 2019	6W17	Pneum, conj 10, 6w	Given	02 Nov 2019	6 Weeks			
02 Nov 2019	6W17	Rotavirus mono,Do...	Closed Not Required	21 Sep 2020				Auto Added
21 Dec 2019	3M17	DTaP-IPV-Hep B/Hi...	Given	21 Dec 2019	3 Months			
21 Dec 2019	3M17	Pneum, conj 10, 3m	Given	21 Dec 2019	3 Months			Auto Added
21 Dec 2019	3M17	Rotavirus mono,Do...	Closed Not Required	21 Sep 2020				Auto Added
21 Feb 2020	5M17	DTaP-IPV-Hep B/Hi...	Given	21 Feb 2020	5 Months			
21 Feb 2020	5M17	Pneum, conj 10, 5m	Given	21 Feb 2020	5 Months			

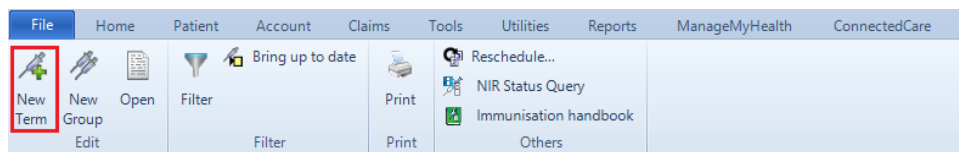
3. Select the Immunisation Schedule tab



4. Select the MMR-1 15m vaccination on the patients Childhood Immunisation Schedule as the MMR-1 dose is being administered.



5. Select the Add a new Immunisation Term (Single Syringe) icon



6. The Immunisation Term Entry screen will be displayed

7. Complete the information required in the Immunisation Term Entry screen as you would for a standard vaccination administration
8. Ensure that the Auto Bill option has been selected on the Immunisation Term Entry screen.

9. Click on **OK** to save the Immunisation Term Entry details; the Immunisation Term Entry screen will be closed.
10. The patients Immunisation Status screen will be updated with the relevant details of the vaccine administration indicating that the MMR-1 vaccine task was given at 12 months of age.

Immunisations Schedule		All Immunisations		Schedule Selection					
Due Date	Group	Vaccine	Outcome	Date Given	Age Given	Batch No	Site	Note	
02 Nov 2019	6W17	DTaP-IPV-Hep B/Hi...	Given	02 Nov 2019	6 Weeks	12345			
02 Nov 2019	6W17	Pneum, conj 10, 6w	Given	02 Nov 2019	6 Weeks				
02 Nov 2019	6W17	Rotavirus mono,Do...	Closed Not Required	21 Sep 2020				Auto Added	
21 Dec 2019	3M17	DTaP-IPV-Hep B/Hi...	Given	21 Dec 2019	3 Months				
21 Dec 2019	3M17	Pneum, conj 10, 3m	Given	21 Dec 2019	3 Months			Auto Added	
21 Dec 2019	3M17	Rotavirus mono,Do...	Closed Not Required	21 Sep 2020				Auto Added	
21 Feb 2020	5M17	DTaP-IPV-Hep B/Hi...	Given	21 Feb 2020	5 Months				
21 Feb 2020	5M17	Pneum, conj 10, 5m	Given	21 Feb 2020	5 Months				
20 Dec 2020	15M17	Hib 15m							
20 Dec 2020	15M17	MMR-1 15m	Given	21 Sep 2020	12 Months	BA543A4			
20 Dec 2020	15M17	Pneum, conj 10, 15m							

11. An invoice and an immunisation claim will automatically be generated for claiming from the Ministry of Health.
12. A record of administration for the MMR vaccination will be sent to the NIR using the current NIR message processing function if the patient is Opted On to the NIR.

# Administration Guidelines for PCV-10 Vaccine – 12 months of age

This document will provide guidelines to Medtech Evolution practices for administration of PCV-10 (12 months) vaccine for eligible patients using existing immunisation schedule tasks, sending of recorded vaccinations to the NIR, and claims for the vaccinations to ProClaim as an interim measure until the 2020 Immunisation Schedule Changes are available to practices.

## Age – 12 Months

Administration of the PCV-10 vaccination for eligible patients that are 12 months of age should be completed by selecting the existing PVC10-4 15m (15 months) vaccination task on the patients selected Childhood Immunisation Schedule.

The administration of the PCV10-4 15m vaccine task should be recorded from the Immunisation Schedule tab in the Immunisation Status screen within Medtech32 using the Add a new Immunisation Term (Single Syringe) option.

Due Date	Group	Vaccine	Outcome	Date Given	Age Given	Batch No	Site	Note
02 Nov 2019	6W17	DTaP-IPV-Hep B/Ht...	Given	02 Nov 2019	6 Weeks	12345		
02 Nov 2019	6W17	Pneum, conj 10, 6w	Given	02 Nov 2019	6 Weeks			
02 Nov 2019	6W17	Rotavirus mono,Do...	Closed Not Required	21 Sep 2020				Auto Added
21 Dec 2019	3M17	DTaP-IPV-Hep B/Ht...	Given	21 Dec 2019	3 Months			
21 Dec 2019	3M17	Pneum, conj 10, 3m	Given	21 Dec 2019	3 Months			Auto Added
21 Dec 2019	3M17	Rotavirus mono,Do...	Closed Not Required	21 Sep 2020				Auto Added
21 Feb 2020	5M17	DTaP-IPV-Hep B/Ht...	Given	21 Feb 2020	5 Months			
21 Feb 2020	5M17	Pneum, conj 10, 5m	Given	21 Feb 2020	5 Months			

## Administer PCV10-4 for 12 months

1. Ensure that the patient has been placed on the palette within Medtech Evolution
2. Open the patients Immunisation Status screen (F4)

Due Date	Group	Vaccine	Outcome	Date Given	Age Given	Batch No	Site	Note
02 Nov 2019	6W17	DTaP-IPV-Hep B/Hi...	Given	02 Nov 2019	6 Weeks	12345		
02 Nov 2019	6W17	Pneum, conj 10, 6w	Given	02 Nov 2019	6 Weeks			
02 Nov 2019	6W17	Rotavirus mono,Do...	Closed Not Required	21 Sep 2020				Auto Added
21 Dec 2019	3M17	DTaP-IPV-Hep B/Hi...	Given	21 Dec 2019	3 Months			
21 Dec 2019	3M17	Pneum, conj 10, 3m	Given	21 Dec 2019	3 Months			Auto Added
21 Dec 2019	3M17	Rotavirus mono,Do...	Closed Not Required	21 Sep 2020				Auto Added
21 Feb 2020	5M17	DTaP-IPV-Hep B/Hi...	Given	21 Feb 2020	5 Months			
21 Feb 2020	5M17	Pneum, conj 10, 5m	Given	21 Feb 2020	5 Months			

3. Select the Immunisation Schedule tab

Due Date	Group	Vaccine	Outcome	Date Given	Age Given	Batch No	Site	Note
02 Nov 2019	6W17	DTaP-IPV-Hep B/Hi...	Given	02 Nov 2019	6 Weeks	12345		

4. Select the PCV10-4 15m vaccination on the patients Childhood Immunisation Schedule as the PCV10-4 dose is being administered.

Due Date	Group	Vaccine	Outcome	Date Given	Age Given	Batch No	Site	Note
02 Nov 2019	6W17	DTaP-IPV-Hep B/Hi...	Given	02 Nov 2019	6 Weeks	12345		
02 Nov 2019	6W17	Pneum, conj 10, 6w	Given	02 Nov 2019	6 Weeks			
02 Nov 2019	6W17	Rotavirus mono,Do...	Closed Not Required	21 Sep 2020				Auto Added
21 Dec 2019	3M17	DTaP-IPV-Hep B/Hi...	Given	21 Dec 2019	3 Months			
21 Dec 2019	3M17	Pneum, conj 10, 3m	Given	21 Dec 2019	3 Months			Auto Added
21 Dec 2019	3M17	Rotavirus mono,Do...	Closed Not Required	21 Sep 2020				Auto Added
21 Feb 2020	5M17	DTaP-IPV-Hep B/Hi...	Given	21 Feb 2020	5 Months			
21 Feb 2020	5M17	Pneum, conj 10, 5m	Given	21 Feb 2020	5 Months			
20 Dec 2020	15M17	Hib 15m						
20 Dec 2020	15M17	MMR-1 15m	Given	21 Sep 2020	12 Months	BA543A4		
20 Dec 2020	15M17	Pneum, conj 10, 15m						
20 Dec 2020	15M17	Varicella 15m						

5. Select the Add a new Immunisation Term (Single Syringe) icon

6. The Immunisation Term Entry screen will be displayed

7. Complete the information required in the Immunisation Term Entry screen as you would for a standard vaccination administration
8. Ensure that the Auto Bill option has been selected on the Immunisation Term Entry screen.

9. Click on **OK** to save the Immunisation Term Entry details; the Immunisation Term Entry screen will be closed.
10. The patients Immunisation Status screen will be updated with the relevant details of the vaccine administration indicating that the PCV10-4 vaccine task was given at 12 months of age.

Immunisations Schedule		All Immunisations		Schedule Selection				
Due Date	Group	Vaccine	Outcome	Date Given	Age Given	Batch No	Site	Note
02 Nov 2019	6W17	DTaP-IPV-Hep B/Hi...	Given	02 Nov 2019	6 Weeks	12345		
02 Nov 2019	6W17	Pneum, conj 10, 6w	Given	02 Nov 2019	6 Weeks			
02 Nov 2019	6W17	Rotavirus mono,Do...	Closed Not Required	21 Sep 2020				Auto Added
21 Dec 2019	3M17	DTaP-IPV-Hep B/Hi...	Given	21 Dec 2019	3 Months			
21 Dec 2019	3M17	Pneum, conj 10, 3m	Given	21 Dec 2019	3 Months			Auto Added
21 Dec 2019	3M17	Rotavirus mono,Do...	Closed Not Required	21 Sep 2020				Auto Added
21 Feb 2020	5M17	DTaP-IPV-Hep B/Hi...	Given	21 Feb 2020	5 Months			
21 Feb 2020	5M17	Pneum, conj 10, 5m	Given	21 Feb 2020	5 Months			
20 Dec 2020	15M17	Hib 15m						
20 Dec 2020	15M17	MMR-1 15m	Given	21 Sep 2020	12 Months	BA543A4		
20 Dec 2020	15M17	Pneum, conj 10, 15m	Given	21 Sep 2020	12 Months			
20 Dec 2020	15M17	Varicella 15m						

11. An invoice and an immunisation claim will automatically be generated for claiming from the Ministry of Health.
12. A record of administration for the PCV-10 vaccination will be sent to the NIR using the current NIR message processing function if the patient is Opted On to the NIR.



# Administration Guidelines for MMR Vaccine – 15 month of age

This document will provide guidelines to Medtech Evolution practices for administration of MMR vaccinations for eligible patients using existing immunisation schedule tasks, sending of recorded vaccinations to the NIR, and claims for the vaccinations to ProClaim as an interim measure until the 2020 Immunisation Schedule Changes are available to practices.

## Age – 15 Months

Administration of the MMR vaccination for eligible patients that are 15 months of age should be completed by selecting the existing MMR-2 4Y (4 Year) vaccination task on the patients selected Childhood Immunisation Schedule.

The administration of the MMR-2 4Y vaccine task should be recorded from the Immunisation Schedule tab in the Immunisation Status screen within Medtech Evolution using the Add a new Immunisation Term (Single Syringe) option.

Due Date	Group	Vaccine	Outcome	Date Given	Age Given	Batch No	Site	Note
02 Nov 2019	6W17	DTaP-IPV-Hep B/H...	Given	02 Nov 2019	6 Weeks	12345		
02 Nov 2019	6W17	Pneum, conj 10, 6w	Given	02 Nov 2019	6 Weeks			
02 Nov 2019	6W17	Rotavirus mono,Do...	Closed Not Required	21 Sep 2020				Auto Added
21 Dec 2019	3M17	DTaP-IPV-Hep B/H...	Given	21 Dec 2019	3 Months			
21 Dec 2019	3M17	Pneum, conj 10, 3m	Given	21 Dec 2019	3 Months			Auto Added
21 Dec 2019	3M17	Rotavirus mono,Do...	Closed Not Required	21 Sep 2020				Auto Added
21 Feb 2020	5M17	DTaP-IPV-Hep B/H...	Given	21 Feb 2020	5 Months			
21 Feb 2020	5M17	Pneum, conj 10, 5m	Given	21 Feb 2020	5 Months			

## Administer MMR-2 for 15 months

1. Ensure that the patient has been placed on the palette within Medtech Evolution
2. Open the patients Immunisation Status screen (F4)

Due Date	Group	Vaccine	Outcome	Date Given	Age Given	Batch No	Site	Note
02 Nov 2019	6W17	DTaP-IPV-Hep B/Hi...	Given	02 Nov 2019	6 Weeks	12345		
02 Nov 2019	6W17	Pneum, conj 10, 6w	Given	02 Nov 2019	6 Weeks			
02 Nov 2019	6W17	Rotavirus mono,Do...	Closed Not Required	21 Sep 2020				Auto Added
21 Dec 2019	3M17	DTaP-IPV-Hep B/Hi...	Given	21 Dec 2019	3 Months			
21 Dec 2019	3M17	Pneum, conj 10, 3m	Given	21 Dec 2019	3 Months			Auto Added
21 Dec 2019	3M17	Rotavirus mono,Do...	Closed Not Required	21 Sep 2020				Auto Added
21 Feb 2020	5M17	DTaP-IPV-Hep B/Hi...	Given	21 Feb 2020	5 Months			
21 Feb 2020	5M17	Pneum, conj 10, 5m	Given	21 Feb 2020	5 Months			

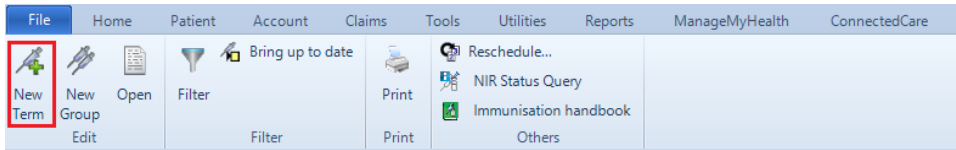
3. Select the Immunisation Schedule tab

Due Date	Group	Vaccine	Outcome	Date Given	Age Given	Batch No	Site	Note
02 Nov 2019	6W17	DTaP-IPV-Hep B/Hi...	Given	02 Nov 2019	6 Weeks	12345		

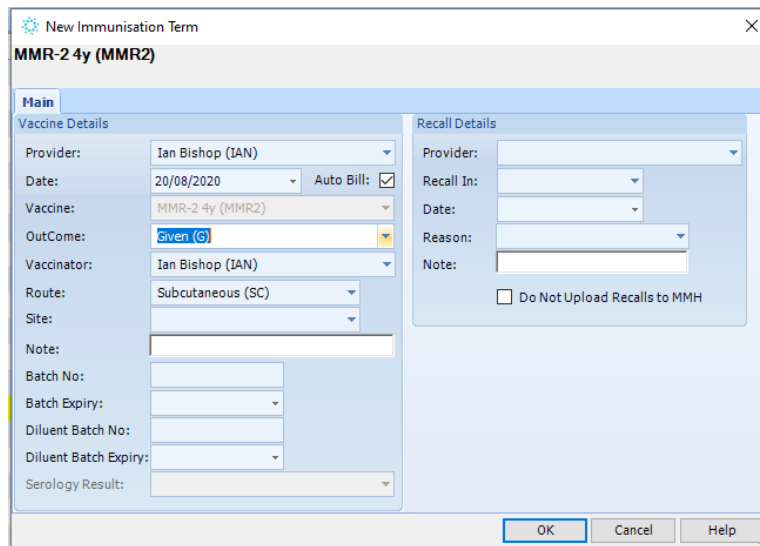
4. Select the MMR-2 4y vaccination on the patients Childhood Immunisation Schedule as the MMR-2 dose is being administered.

Due Date	Group	Vaccine	Outcome	Date Given	Age Given	Batch No	Site	Note
21 Sep 2019	6W17	DTaP-IPV-Hep B/Hi...	Given	02 Nov 2019	4 Months	12345		
21 Sep 2019	6W17	Pneum, conj 10, 6w	Given	02 Nov 2019	4 Months			
21 Sep 2019	6W17	Rotavirus mono,Do...	Closed Not Required	21 Sep 2020				Auto Added
21 Sep 2019	3M17	DTaP-IPV-Hep B/Hi...	Given	21 Dec 2019	6 Months			
21 Sep 2019	3M17	Pneum, conj 10, 3m	Given	21 Dec 2019	6 Months			Auto Added
21 Sep 2019	3M17	Rotavirus mono,Do...	Closed Not Required	21 Sep 2020				Auto Added
21 Nov 2019	5M17	DTaP-IPV-Hep B/Hi...	Given	21 Feb 2020	8 Months			
21 Nov 2019	5M17	Pneum, conj 10, 5m	Given	21 Feb 2020	8 Months			
19 Sep 2020	15M17	Hib 15m						
19 Sep 2020	15M17	MMR-1 15m	Given	21 Sep 2020	15 Months	BA543A4		
19 Sep 2020	15M17	Pneum, conj 10, 15m	Given	21 Sep 2020	15 Months			
19 Sep 2020	15M17	Varicella 15m						
21 Jun 2023	4-5Y17	DTaP-IPV-1 4y						
21 Jun 2023	4-5Y17	MMR-2 4y						
20 Jun 2030	11Y17	Tdap-1 11y						
20 Jun 2030	HP17-1	HPV9-Dose 1						
18 Dec 2030	HP17-2	HPV9-Dose 2						
18 Apr 2031	HP17-3	HPV9-Dose 3						

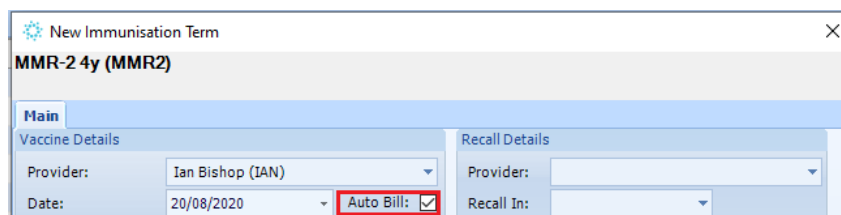
- Select the Add a new Immunisation Term (Single Syringe) icon



- The Immunisation Term Entry screen will be displayed



- Complete the information required in the Immunisation Term Entry screen as you would for a standard vaccination administration
- Ensure that the Auto Bill option has been selected on the Immunisation Term Entry screen.



- Click on **OK** to save the Immunisation Term Entry details; the Immunisation Term Entry screen will be closed.
- The patients Immunisation Status screen will be updated with the relevant details of the vaccine administration indicating that the MMR-2 vaccine task was given at 15 months of age.

19 Sep 2020	15M17	Varicella 15m	Given	21 Sep 2020	15 Months		
21 Jun 2023	4-5Y17	DTaP-IPV-1 4y					
21 Jun 2023	4-5Y17	MMR-2 4y	Given	21 Sep 2020	15 Months		
20 Jun 2030	11Y17	Tdap-1 11y					

- An invoice and an immunisation claim will automatically be generated for claiming from the Ministry of Health.
- A record of administration for the MMR vaccination will be sent to the NIR using the current NIR message processing function if the patient is Opted On to the NIR.

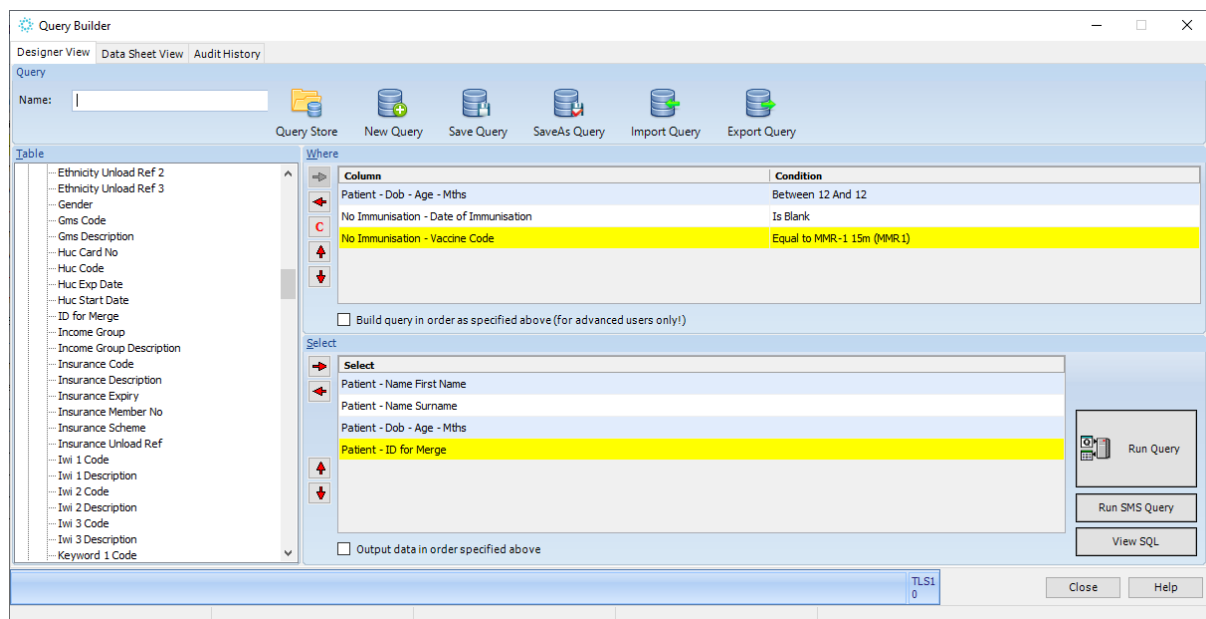
# Identification of Patients Eligible for 12m Vaccinations

Practices should recall their children at 12 months to receive their MMR-1 and PCV10 dose 4 and record these by selecting the existing MMR-1 15M and PCV10-4 15M vaccination tasks within the current Medtech PMS immunisation schedule as instructed above.

The below queries can be prepared by practices in the Medtech32 Query Builder to assist with identification of those children that can be recalled for the 12m MMR and 12m PCV10 vaccinations.

## Query 1: Patients aged 12 months that do not have the MMR-1 vaccine which can be given at 12 months of age.

**Important Note:** Even if the child has an MMR before they turned 12 months of age (ie: at 11 months) they will still be required to have the one a month later at 12 months as MMR given before aged 12 months only gives very short term protection and children need 2 doses of MMR from age 12months or older.



**Query 2: Patients aged 12 months that do not have the PCV10-4 vaccine which can be given at 12 months of age.**

The screenshot shows the Query Builder interface with the following configuration:

- Table:** A list of available fields including Ethnicity Unload Ref 2, Gender, Gms Code, Huc Code, and Patient - ID for Merge.
- Where:**
  - Column: Patient - Dob - Age - Mths, Condition: Between 12 And 12
  - Column: No Immunisation - Date of Immunisation, Condition: Is Blank
  - Column: No Immunisation - Vaccine Code, Condition: Equal to Pneum, conj 10, 15m (PC10-4)
- Select:**
  - Column: Patient - Name First Name
  - Column: Patient - Name Surname
  - Column: Patient - Dob - Age - Mths
  - Column: Patient - ID for Merge

**Query 3: Patients aged 13 - 14 months that do not have the MMR-1 Vaccine which can be given at 12 months of age.**

The screenshot shows the Query Builder interface with the following configuration:

- Table:** A list of available fields including Ethnicity Unload Ref 2, Gender, Gms Code, Huc Code, and Patient - ID for Merge.
- Where:**
  - Column: Patient - Dob - Age - Mths, Condition: Between 13 And 14
  - Column: No Immunisation - Date of Immunisation, Condition: Is Blank
  - Column: No Immunisation - Vaccine Code, Condition: Equal to MMR-1 15m (MMR.1)
- Select:**
  - Column: Patient - Name First Name
  - Column: Patient - Name Surname
  - Column: Patient - Dob - Age - Mths
  - Column: Patient - ID for Merge

**Query 4: Patients aged 13 -14 months that do not have the PCV10-4 Vaccine which can be given at 12 months of age.**

The screenshot shows the 'Query Builder' application window. The 'Where' clause is configured with the following conditions:

Column	Condition
Patient - Dob - Age - Mths	Between 13 And 14
No Immunisation - Date of Immunisation	Is Blank
No Immunisation - Vaccine Code	Equal to Pneum, conj 10, 15m (PC10-4)

The 'Select' clause includes the following fields:

- Patient - Name First Name
- Patient - Name Surname
- Patient - Dob - Age - Mths
- Patient - ID for Merge

Buttons for 'Run Query', 'Run SMS Query', and 'View SQL' are visible on the right side of the interface.