

# 10.03. Patients

Updated version 4.10

In mSupply, patients are a type of name. They are a special form of customer that have first names, last names, genders and dates of birth. You also dispense stock to a patient on a prescription, rather than distributing it to a customer on a customer invoice.

## Entering a new patient

You can enter a new patient by clicking on the **Patient > New patient...** menu item or by clicking on the New patient icon on the Patient tab of the navigator.

If you are already creating a prescription and discover the patient is missing you can click on the New patient button on the prescription (Shortcut: Ctl-Shift-P):



The screenshot shows the 'Prescription Entry' window. The 'Patient details' section is visible, with a 'New Patient' icon highlighted by a red box. The form includes fields for Name, Code, Date of birth, Address, Prescriber (with a search field), Confirm date, Prescription date, and Period. Below the form are buttons for 'New line', 'Delete line(s)', 'Backorders', 'History', and 'Repeats'. At the bottom, there is a table with columns for Line, Location, Item Name, Quan, Pa..., and Batch.

Either way, the same window will open:

- **Code** and **Last** are the only required fields but all applicable fields should be completed so that it is easier to recognise the patient next time.
- The patient code will be filled in automatically for you if the *Auto-generated patient code* preference is turned on (see [Setting dispensary mode preferences](#) for details).



If the new patient's date of birth is known, it should be entered, otherwise an entry should be made in the *Age* field; for a patient aged 18 months, valid entries in the *Age* field may be in one of 3 formats, namely 18m, 1.5, or 18/12.

- When a patient's code is known, that patient's record can be rapidly displayed. Note also that the **Male** radio button is checked; if you are entering details of a female patient, remember to check the **Female** radio button!
- Custom fields are available for storing extra information relevant to your situation.

## Viewing and editing patient details

You can view a patient's details from a prescription; just click on the patient details button next to their name when they have been selected on a prescription (Note that this button is not enabled until a patient has been selected on the prescription):

Line	Location	Item Name	Quan	Pa...	Batch

If you are not entering a prescription then you can select the **Show patients** icon on the *Patients* tab of the navigator or click on the **Patients > Show patients** menu item:

Search...

All names     Selection

Exclude hidden names

Complex Find    Cancel    Find

Enter the details you want to search for the right patient (or leave everything empty to show a list of all patients) and click the *Find* button.

You will be shown a list of matching entries (double-click on the one you want to view or edit), or taken directly to the detail view if only one patient matches the values you entered:



The screenshot shows a window titled "Names" with a toolbar containing icons for "New Patient", "Find", "Print", "Order by", "Merge", and "Modify". The window displays a table with the following data:

Patient Code	Last name	Forename(s)	DOB	Phone	Address
00102/19/00	Moemoe	Alex	29/7/98		Bikenibeu
00107/06/00	Healey	Nora	30/6/39		Teaoraereke
0024/05/00	Malfoy	Draco	17/6/93		Teaoraereke
0027/06/00	Koriander	Basil	30/6/77		Bikenibeu
0027/09/00	Buatia	Ron	30/6/55		Betio
0029/04/00	Potter	Harry	18/2/00		Antebuka
0029/08/00	Weasley	Ginny	30/4/72		Antenon
0046/06/00	Granger	Hermione	12/12/68		
0053/02/00	Erene	John	25/8/99		Teaoraereke
0057/07/00	Iareta	Ted	20/1/99		Bikenibeu
0101/34/00	Barenaba	Lucas	29/8/83		Ambo
0102/10/00	Kirata	Quentin	30/6/34		Bikenibeu
0104/05/00	Ioteba	Emily	30/6/95		Buota
0121/37/00	Nicole	Banteuea	30/6/96		Bikenibeu
0140/37/00	Matiota	Chris	30/6/96		Taborio
0152/20/00	Bountarawa	Andrei	30/6/83		Bikenibeu
0152/27/00	Kaongotao	Ignotus	30/6/88		Nawerewere
0152/39/00	Marshall	Suying	14/4/00		Bonriki
0160/47/00	Auatabu	Rozanna	28/8/85		Buota
0162/33/00	Kaitau	Malala	30/6/98		Buota

Whichever way you access the patient's details, the same window opens:



The screenshot shows an "Edit patient" window with the following sections:

- Home store:** Test dispensary
- Current store:** Test dispensary
- General:** Name (Code: test01, Last: Patient, First: Test, Date of birth: 15/10/1963, Age: 56.54, Gender: Male, Price Category: A), Restriction (Hold - do not issue: , Credit limit: 0 USD), Contact (email, web site, Phone, Fax).
- Other:** Client: None, Activity: None, Activity Code: None, Flag: , Category 4: None, Category 5: None, Category 6: None, Start Date, End Date, KCA Date, Comment: Age estimated.
- Main/Billing Address:** Address 1, Address 2, Country, Lat: 0, Long: 0, View on Map button.

Buttons at the bottom: Delete Patient, OK & Next, Cancel, OK.

### Home store

As of version 4.10, you'll notice that at the top of the details window is the **Home store**. A patient's home store is the store the patient was created in.

- A patient's details can only be edited in their home store. This ensures that a patient can only be edited in one location at a time
- A patient's *home store* cannot be changed. It is fixed and read-only.
- You can create prescriptions for a patient in any store they are visible in, not just their home store.

## The patient detail window tabs

### General tab

The date of birth field for a patient uses the same date format as your computer's operating system. If you enter an age, the date of birth is guessed and a patient comment is added to mention that the date was guessed so you know it's not accurate.

**Hold do not issue:** If this is checked then no stock can be dispensed to the patient

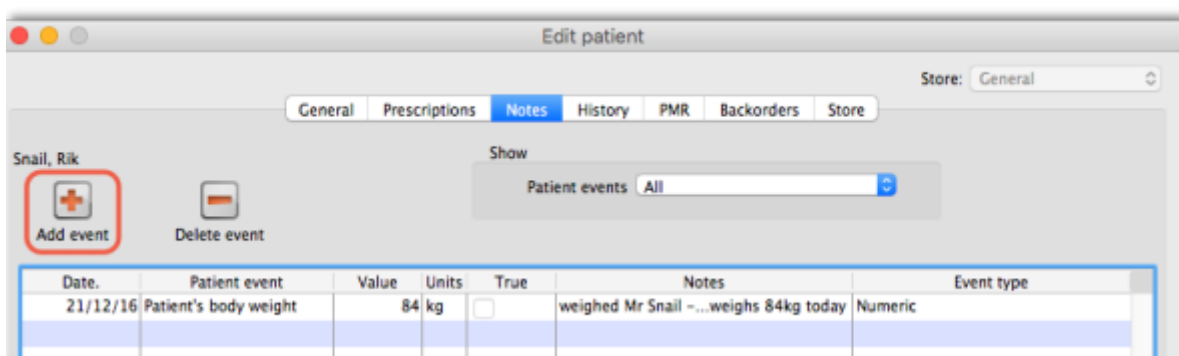
**Credit limit:** This is the maximum negative value a patient's account can have when the payments module is activated. They will not be able to receive stock on a prescription without paying for it when they reach this limit.

### Prescriptions tab

Here each prescription created for the patient in this store is shown. Double-clicking a row in the list will open that prescription.

### Notes tab

Any notes/events you enter in the notes tab will display each time you enter the patient name in the *Prescription entry* window. These notes can be used to remind you of patient Preferences for certain dosage forms, or drug sensitivities.

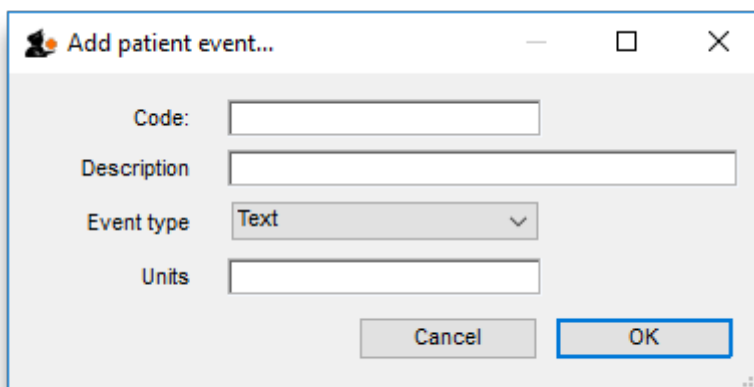


Before you add an event for a patient, you need to make sure that *patient events* have been set up.

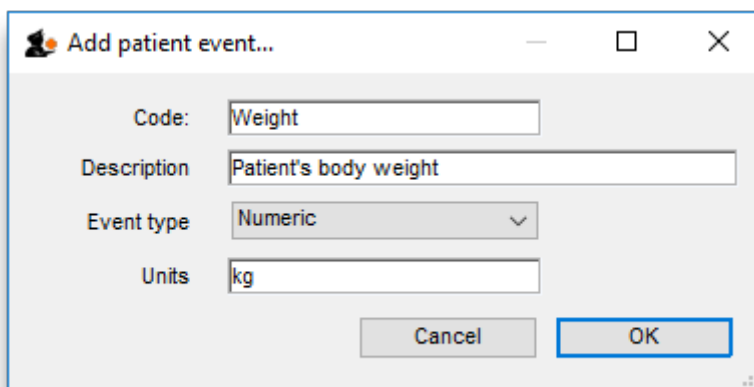
## Patient events

This is the term mSupply uses to denote any item of information relating to a particular patient; for example, you may want to record the patient's weight, the patient's blood pressure, any allergies from which the patient suffers, vaccination records, etc. - a wide range of information relating to a particular patient may be recorded here.

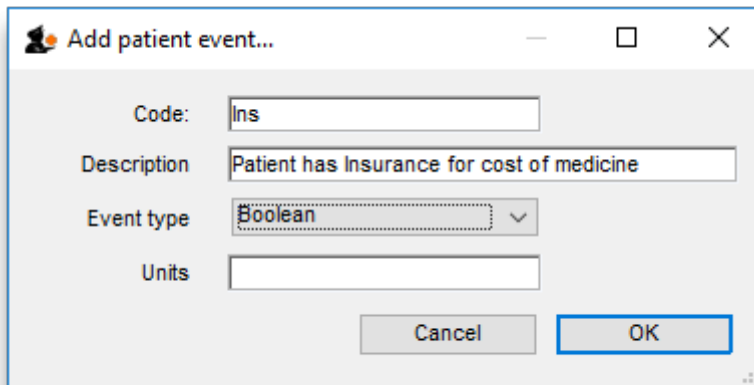
First, some definitions of patient events need to be made; choose *Patient* > *Show Patient events* , then click the **New** button.



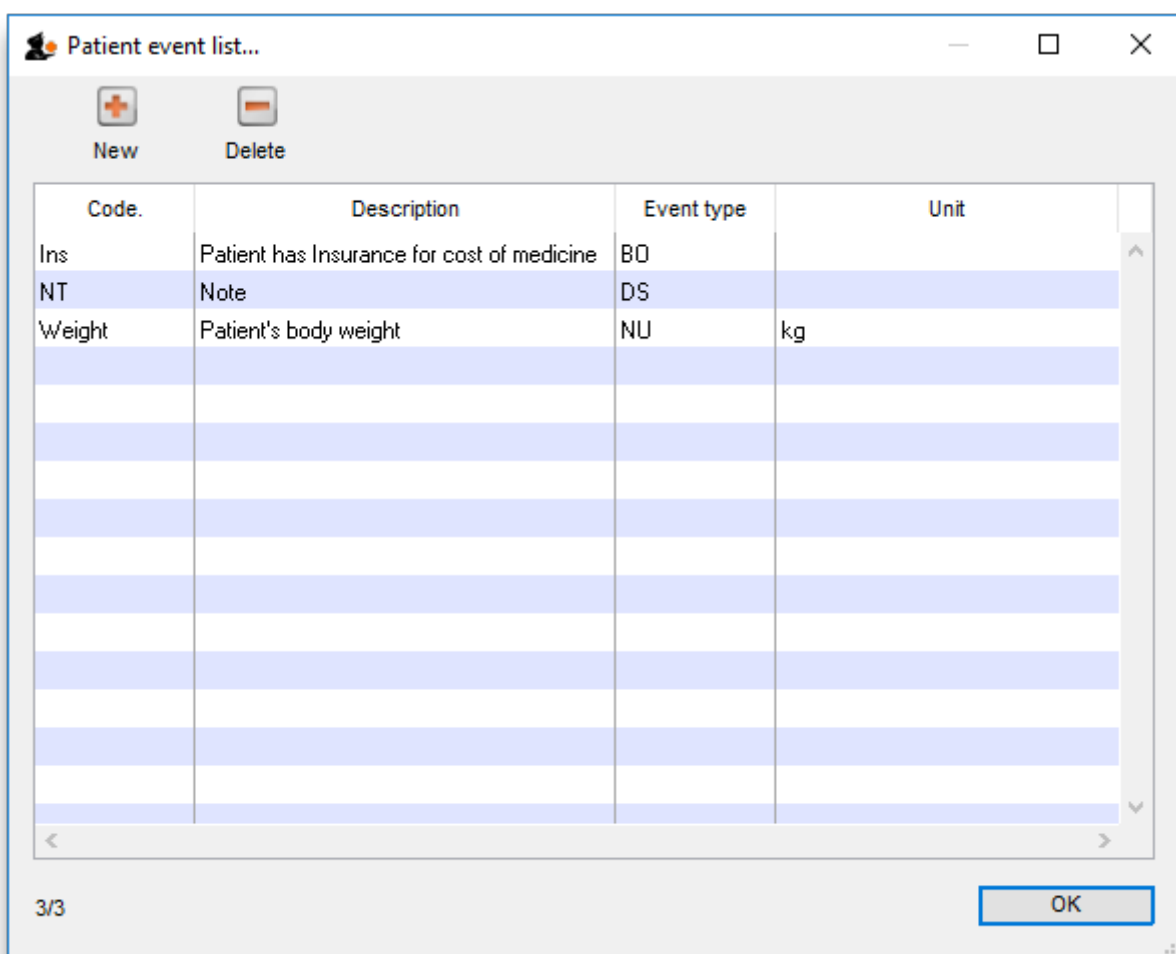
One patient event is already defined, the code is `NT`, the description is `Note`, and the type is *Text*; you can also have events of type *Numeric* or *Boolean* . For example, to create a patient event recording a patient's weight, the completed *Add patient event* window would look like this:



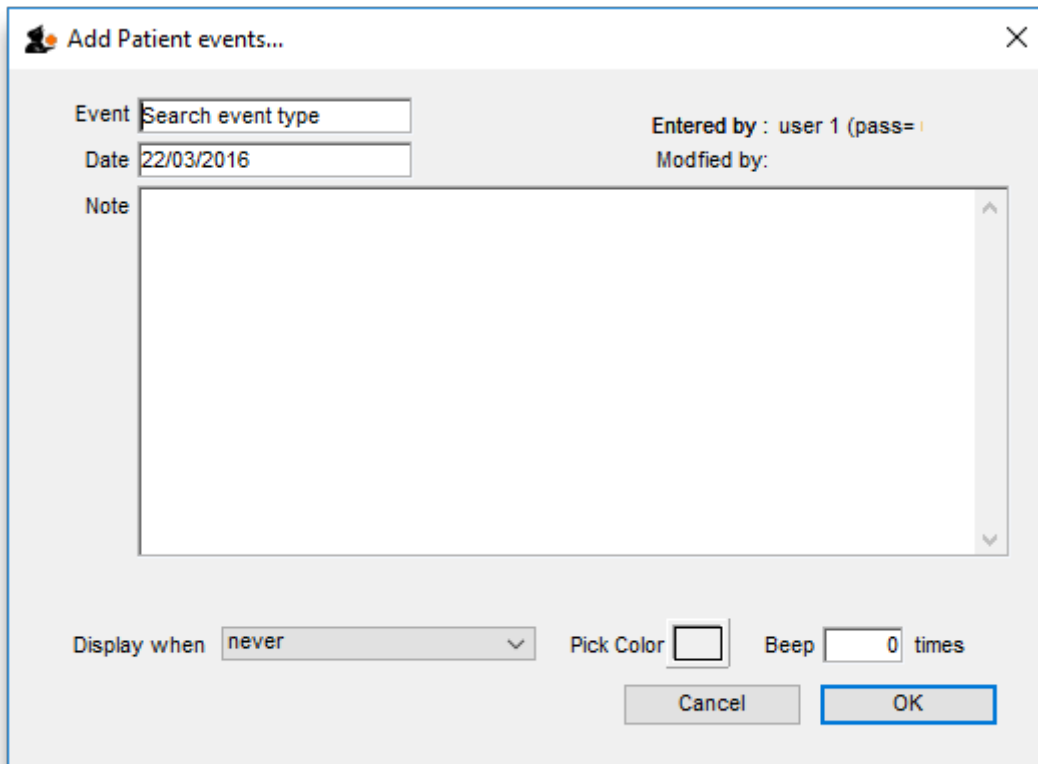
A further example, this time using the Boolean type - i.e. where the options are limited to two, `Yes` or `No` - could be to identify patients who have insurance cover to meet the cost of their prescriptions; for this event, the *Add patient event* window, once completed, would appear like this:



Once a number of patient events have been defined, choosing *Patient > Show Patient events*, will produce a window like this:



Now it is possible , using the *Notes* tab of the patient details window, to add individual items of information to the profile of any patient.



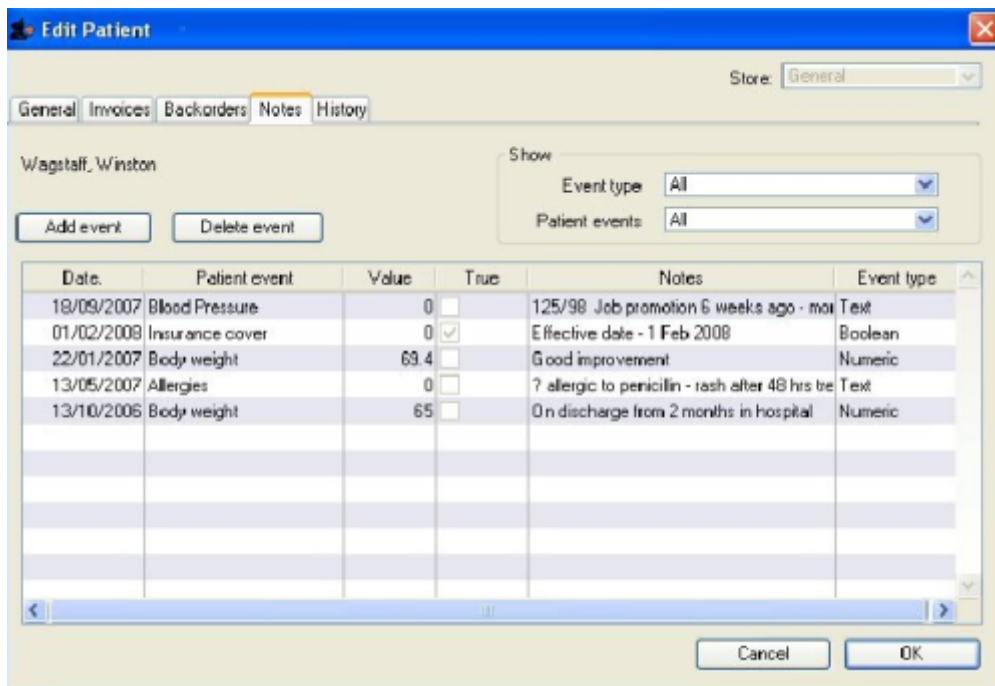
View the record of the patient in the normal way (from *Patient > Show Patients*, enter the patient's name & double click the appropriate patient from the 'names output' ), and select the *Notes* tab. Click on the *Add event* button to bring up the window shown above.

In the *Event* field, *Search event type* appears by default. To display all the events you have defined so that you may choose the one you require, enter the character "@" (without the quote marks), press the TAB key, and make your required selection from the list.

Alternatively, you may enter a word from the description of the event - e.g. if you have defined *Patient's body weight* as an event, you may enter the start of the event name or code (e.g. *pat* ), and that event will appear in the *Event* field. If more than one event matches what you have entered, a list will displayed for your to choose the event you want to enter.

Should you wish to add any note or comment, you may do so by moving the cursor into the *Note* area, clicking, then typing your entry. You can customise the note in terms of when it will be displayed on screen etc. as described in the *Items* chapter of this guide. Here's the link - [The Notes tab](#).

After a period of time, a patient's notes may look like this:



The default view shows all patient events, but you have the ability to view single events by selecting the event code from the drop down menu *Patient events* under *Show*

A new event may be added by clicking on the *Add event* button, and an event which is no longer of any relevance may be deleted by clicking on the *Delete event* button.

Events may be edited by selecting the specific event, double clicking on it, when the *Edit patient event* window appears.

### History tab

This tab shows a list of all the items dispensed of this patient. Double-clicking an item will open the prescription it was dispensed on.

### PMR (Patient Medication Record) tab

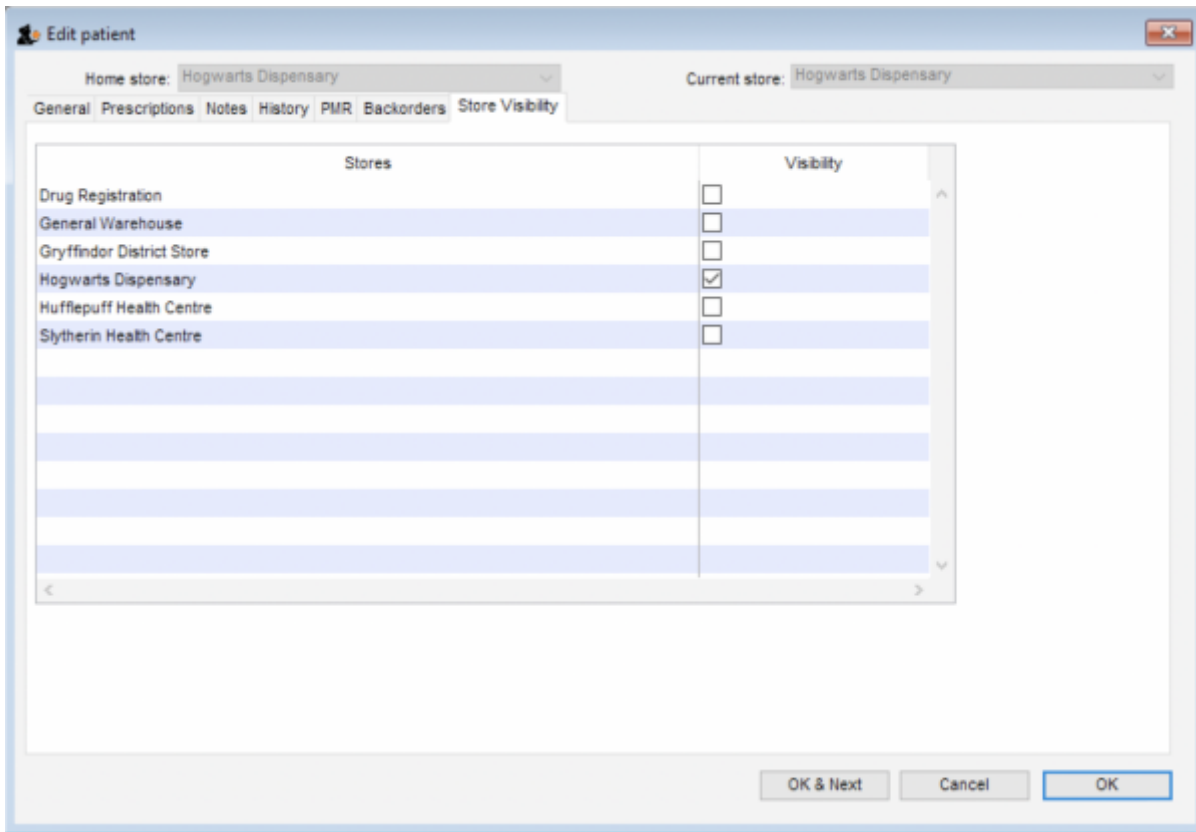
See the separate section on this here [Patient Medication Records](#)

### Backorders tab


If you are using a backorder system and you have any backorders for this patient, they will show here.

### Store Visibility tab

The tab shows which stores the patient is visible in. Only when the visibility checkbox is checked will the patient be visible to that store. The patient must be visible in a store to be able to create prescriptions for them in that store.




### Visibility for patients created on a synced system

 Remember that in a synced system, Patients can be created in any dispensary on any sync site. This is unlike 'normal' [Names](#) (Customers, Suppliers, etc.) that can only be created on the Primary server.

When a patient is created, it will only be made visible in:

- It's [home store](#), and
- Other dispensaries that have sync type **Active** or **Collector** on the same sync site of the [home store](#) if their store preference **Patients created in other stores not visible in this store** is switched OFF.

Click to view more about [Store preferences](#).

 For synced systems with [mSupply Mobile](#) dispensaries, there will be a **Collector** copy of all the dispensaries on the Primary server. Following the rules described here, if there is a dispensary **Active** on the Primary server, and a patient is created in it, that patient will become visible in *all* mSupply Mobile dispensaries in your system *unless* the store preference **Patients created in other stores not visible in this store** is switched ON for *each* of those dispensaries.



While it is not normal to have a dispensary on the Primary server, it is possible. Indeed, If you had a national register of all patients, and wanted to manager their patient details centrally, and make them *all* visible to *all* mSupply Mobile dispensaries, importing all patients in to such a dispensary would be a way of achieving this, provided that the store preference **Patients created in other stores not visible in this store** is switched OFF for *each* of those dispensaries.

Once a patient has been created in a dispensary, it's store visibility can then be amended in this tab.

## Merging patients while dispensing

While dispensing, you may observe that a patient has been inadvertently entered twice. For example:

The screenshot shows a window titled "Names output..." with a toolbar containing icons for "New Patient", "Find", "Print", "Order by", "Merge", and "Modify". The "Merge" button is circled in red. Below the toolbar is a table with the following data:

Patient Code	Last name	Forename(s)	DOB	Phone	Address
1			8/01/47	+44 207 234 7646	
3			14/09/83	+44 2973657654	
8			29/08/58		
9			1/01/64	02116537165	
10			14/09/83	+44 207 1234 532	
14			23/09/85	123456789876	
16			7/03/58	0207 456 2020	
17			19/05/53		
18			13/03/70	0211546759	
22	Smith	KIK	7/03/58		
29	Parasol	George	25/02/43		
25	van	van	4/06/43		
30	Weller	Phil	10/06/58		
27	Parasol	George	25/02/43		
34	Reese	George	25/02/43		

When the *Choose patient* window appears, you can highlight the two patients to be merged, then clicking on the *Merge* button displays this window:



Here you need to decide which record should be kept, and which one should be merged, and check the appropriate radio buttons. This combines the information in the record to be merged with the information in the record to be kept.

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