Manage drug interaction groups

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This feature is chosen from the **Item** menu

<note important>The examples given in this section are included only for the purpose of familiarising the user with the interactions feature of mSupply and how to use it. Use of this feature is the responsibility of the user, and Sustainable Solutions® bears no liability whatsoever for any consequence of inappropriate use.</note>

Drug interaction groups allow you to specify groups of items that interact with each other, and then prepare a warning message to be displayed if these items from interacting groups are issued to the same patient.

You can set up interactions in store mode, but warnings will only appear in dispensary mode.

To use this feature, it must be set up, and these are the steps:

- 1. Choose a way of defining interaction groups. A number of systems are in use or are under development, and the internet is a useful resource for further investigation.
- 2. Define which items are in which groups.
- 3. Add interactions between groups.

Let's look at each of those steps in turn

Defining interaction groups

Choose *Items> Manage Drug interaction groups* ... Until you have set up some groups, the list will be blank; a number of groups have been set up for the purposes of this guide, shown below right:

Interaction list	ACE inhibitors Angiotensin II antagonists Anticoagulants Benzodiazepines Corticosteroids H2 Receptor antagonists MAO inhibitors NSAID Proton pump inhibitors
Double-click a group to edit details New Group OK	Double-click a group to edit details New Group OK

Click the *New Group* button to add a new group, or double-click an entry to edit it.

Double clicking on *NSAID* displays this window:

🏚 Edit drug Interac	tions
Group NSA	ID
Items Interactions	
	Items that are members of this group
	Acetylsalicylic acid 100mg tab Acetylsalicylic acid 300mg tab Ibuprofen 200mg tab Ibuprofen 400mg tab Naproxen 250mg tablets
L	8 Delete Cancel OK

The window has two tabs.

The *Items* tab shows a list of items that have been assigned to the group.

Define which items are in which groups

You assign an item to a group by viewing the item details (Choose Items > Show items), and setting

interaction group from a drop-down list.

Add interactions between groupss

Group	NSAID						
Items Interactio	ons						
Interactin g Groups	Action	Clinical significanc	Evidence				
ACE inhibitors	I	2	F			~	
Anticoagulants	A	2	F				a .
Corticosteroids	A	2	G				New Interaction
							Delete Interaction
						-	
	8		Dele	te	ancel	ר	OK

The *Interactions* tab shows a list of groups that the current group interacts with.

This tab has two buttons allowing you to add or delete a drug interaction. (To delete an interaction click on the line you wish to delete before clicking the *Delete interaction* button).

To edit an interaction double-click on the one to be edited. This window appears::

2	
This group is affected by Type of interaction Clinical significance	NSAID ACE inhibitors inhibits moderate
Quality of evidence	fair
Message to display	Antihypertensive effect of ACE inhibitor may be reduced
Notes	۸ ۳
This interact	ion last modified 00/00/00 Cancel OK

You choose the group that affects the current group, and then enter details about the interaction by choosing from the drop-down lists.

The choices available are:

- Type of interaction
 - Inhibits (I)
 - Augments (A)
 - No effect (N)
 - Conflicting evidence (C)
- Clinical Significance
 - Minor (1)
 - Moderate (2)
 - Major (3)
 - Unknown (?)
- Quality of evidence
 - Poor (P)
 - Fair (F)
 - Good (G)
 - Unknown (?)

You can enter a message to be displayed when an interaction occurs, and any notes you may want to record. These fields are optional.

When you are issuing items in dispensary mode, in order to display a warning the **Alert when there are drug interactions** checkbox must be checked in **Preferences>Drug Interactions**. The warning as shown will be displayed if the patient is being issued with interacting items:

	and group Captopril 25mg tab ACE inhibitors	Antihypertensive effect of ACE inhibitor may be reduced	
-	ected by the drug below		
Item I	buprofen 400mg tab		
Group N	ISAID		
Interaction details			
Type of interaction in	nhibits		
Clinical significance in	ninor		
Quality of evidence p	100r		-
		ОК	

From: https://docs.msupply.org.nz/ - mSupply documentation wiki

https://docs.msupply.org.nz/items:drug_interaction_groups?rev=130976350



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