

Instructions for adding safety messages on patient's prescriptions

Background

This document has been developed to help reduce the risk of avoidable harm to patients. Some people are at increased risk of Acute Kidney Injury (AKI), for example those with Chronic Kidney Disease (CKD), heart failure, or those taking certain medications. Many health care professionals provide advice to such patients that certain drugs should be temporarily discontinued during acute illnesses, particularly where there is disturbed fluid balance (e.g. vomiting, diarrhoea, fevers, sweats or shaking). This advice is commonly described as 'sick day rules' or to take a 'drug holiday'.

Purpose

This document provides guidance of how the clinical systems operated by practices in the BHRCCG area can be used to ensure that medication classified as causing AKI are highlighted in a patient's medication record to ensure any safety alerts are added when prescribing a new medication.

Safety message to be added: STOP TAKING if suffering from vomiting and diarrhoea. You can safely RESTART this medication 24 hours after symptoms have cleared up.

GP clinical systems used in BHR-CCG Practices

- Emis Web
- SystmONE
- Vision

Emis Web

1. Access patient care record on the clinical system
2. Navigate to medication screen
3. Click 'Add a drug' if new medication is being started/added. Start typing the name of the required medication then select the medication needed from the list.
4. Double-click on "Optional Prescription Information" (highlighted in the screenshot below).

The screenshot shows the EMIS Web Health Care System interface. The main window displays patient information for Mickey Mouse (Mr), born 08-May-1957 (59y), gender Male. The 'Add a Drug' window is open, showing the following details:

- Name:** Diclofenac sodium 50mg gastro-resistant tablets
- Dosage:** One To Be Taken Three Times A Day
- Quantity:** 1 tablet
- Duration:** 28 Day(s)
- Rx Types:** Acute
- Authorising Clinician:** LOUIM, Locum (Dr)

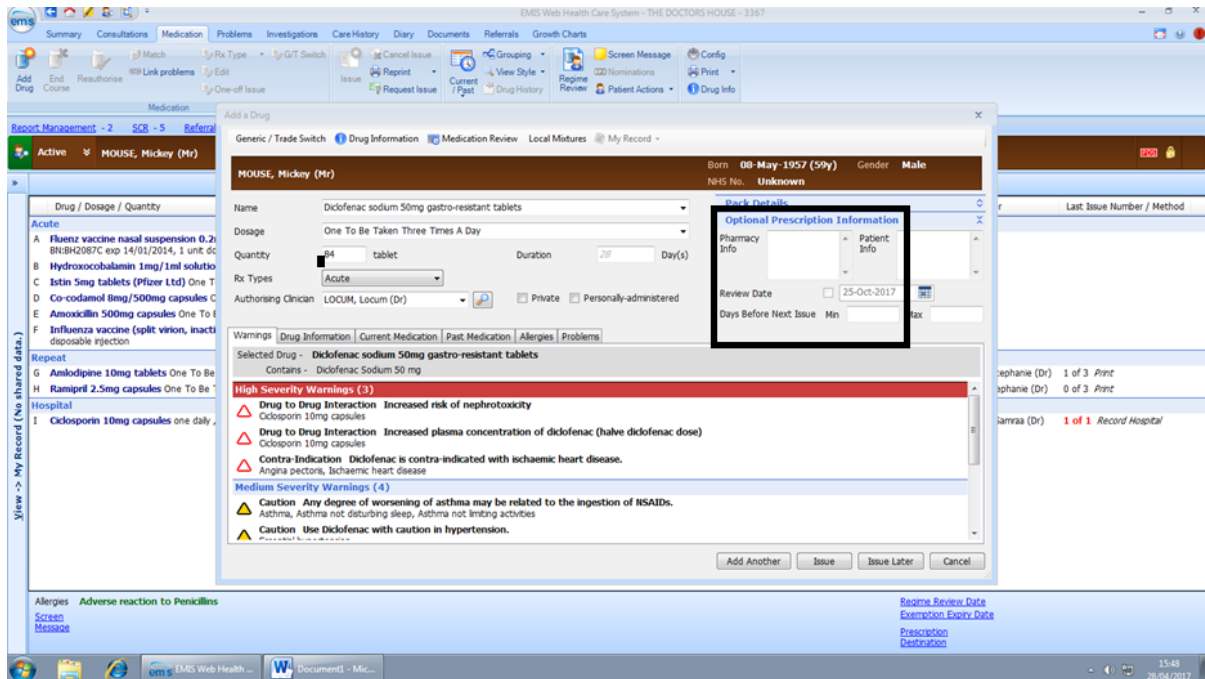
The 'Optional Prescription Information' tab is highlighted with a black box. It displays the following warnings:

- High Severity Warnings (3):**
 - Drug to Drug Interaction: Increased risk of nephrotoxicity (Diclofenac 10mg capsules)
 - Drug to Drug Interaction: Increased plasma concentration of diclofenac (half diclofenac dose) (Ciclosporin 10mg capsules)
 - Contra-Indication: Diclofenac is contra-indicated with ischaemic heart disease. (Angina pectoris, Ischaemic heart disease)
- Medium Severity Warnings (4):**
 - Caution: Any degree of worsening of asthma may be related to the ingestion of NSAIDs. (Asthma, Asthma not disturbing sleep, Asthma not limiting activities)
 - Caution: Use Diclofenac with caution in hypertension.

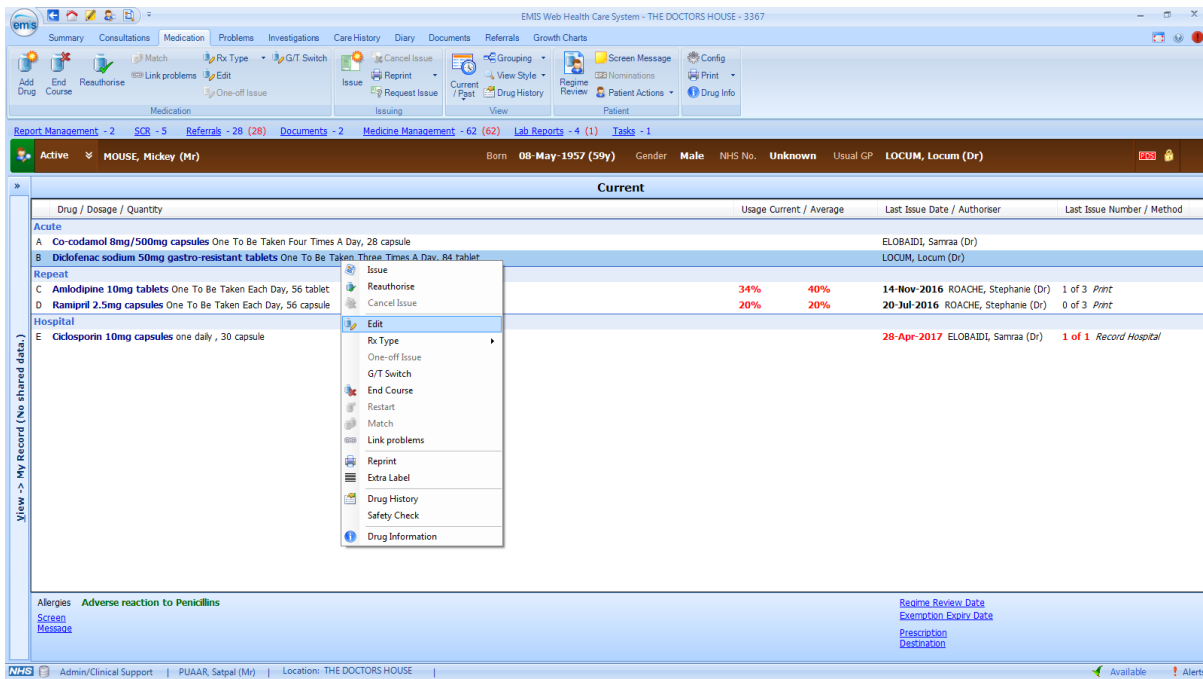
The interface also shows a list of other medications on the left and a 'Pack Details' table on the right.

5. Add safety message in the box marked 'Pharmacy Info' (highlighted in the screenshot below) – this will ensure the message will appear on the green prescription form under the dosage instructions and will be visible to prescribers, patients and pharmacists.

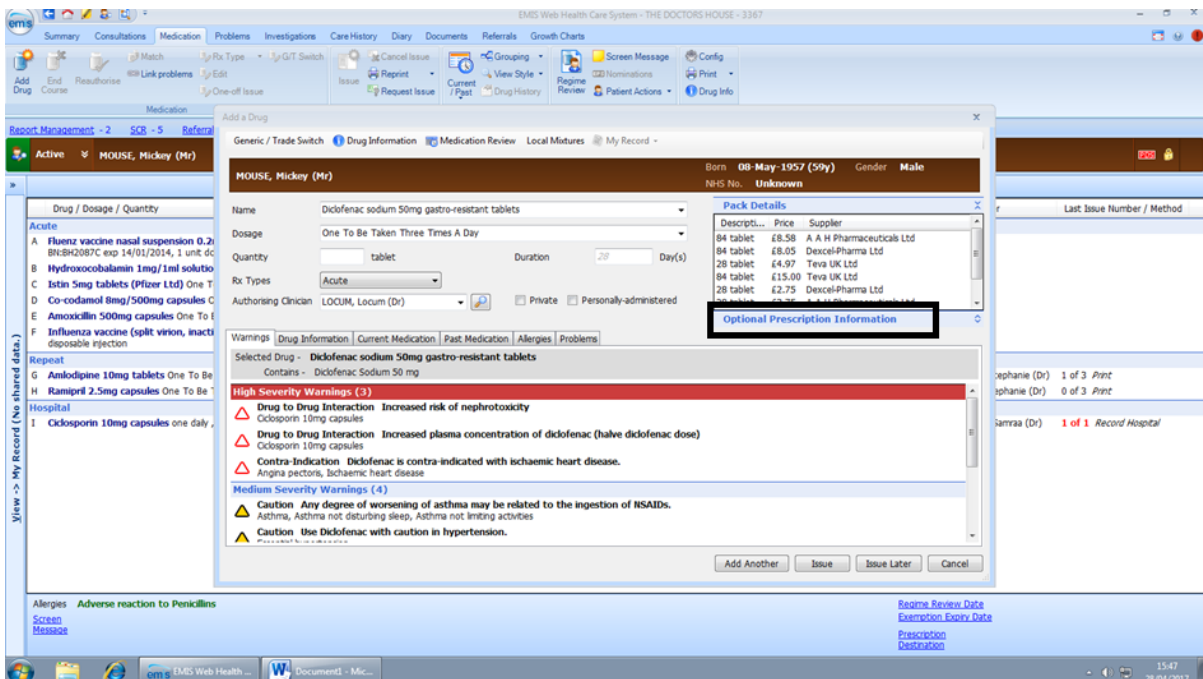
(Please note, adding text to the Patient Info box will result in the message being printed on the repeat side of the prescription and not on the prescription itself)



- To add safety message to an existing drug, right click on the selected drug and select 'Edit' and continue as detailed above.



- When adding or editing a drug, Optional Prescription Information containing the 'Patient Info' box may be hidden by 'Pack Details'. If this is the case double-click on "Optional Prescription Information" (highlighted in the screenshot below) to reveal the 'Patient Info' box and continue as above.



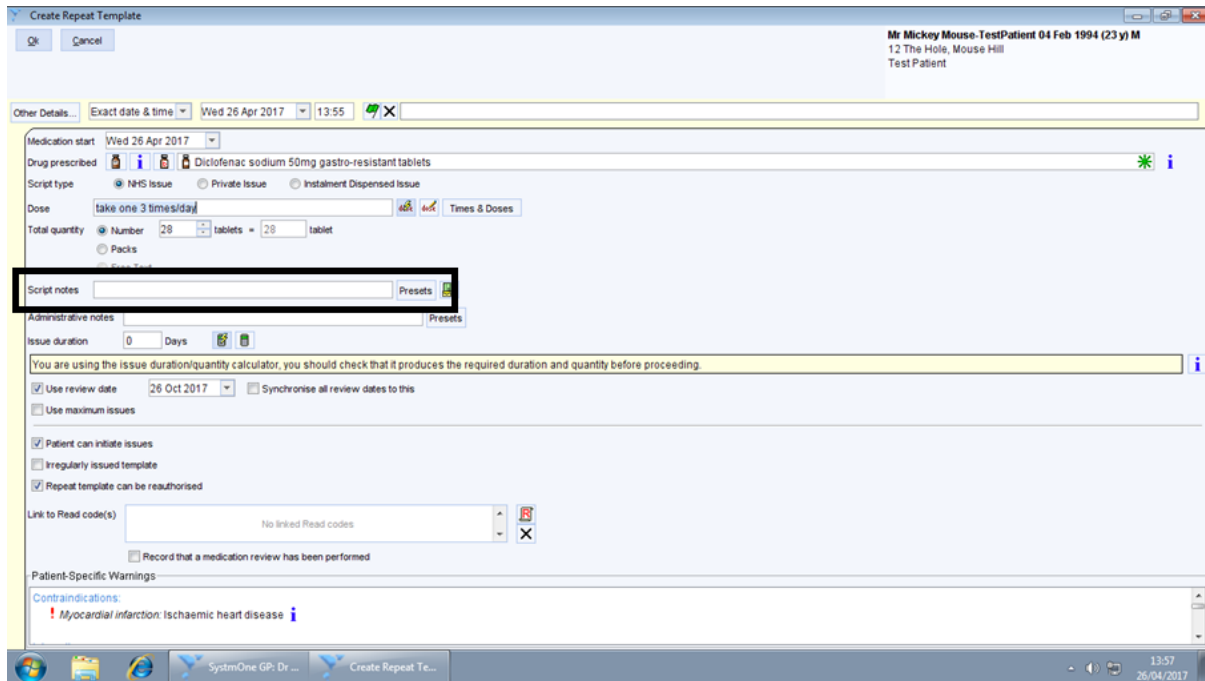
SystemONE

1. Access patient care record on the clinical system
2. Click 'repeat templates' highlighted on the left hand side in the screenshot below
3. Click the create repeat template icon highlighted in the middle in the screenshot below

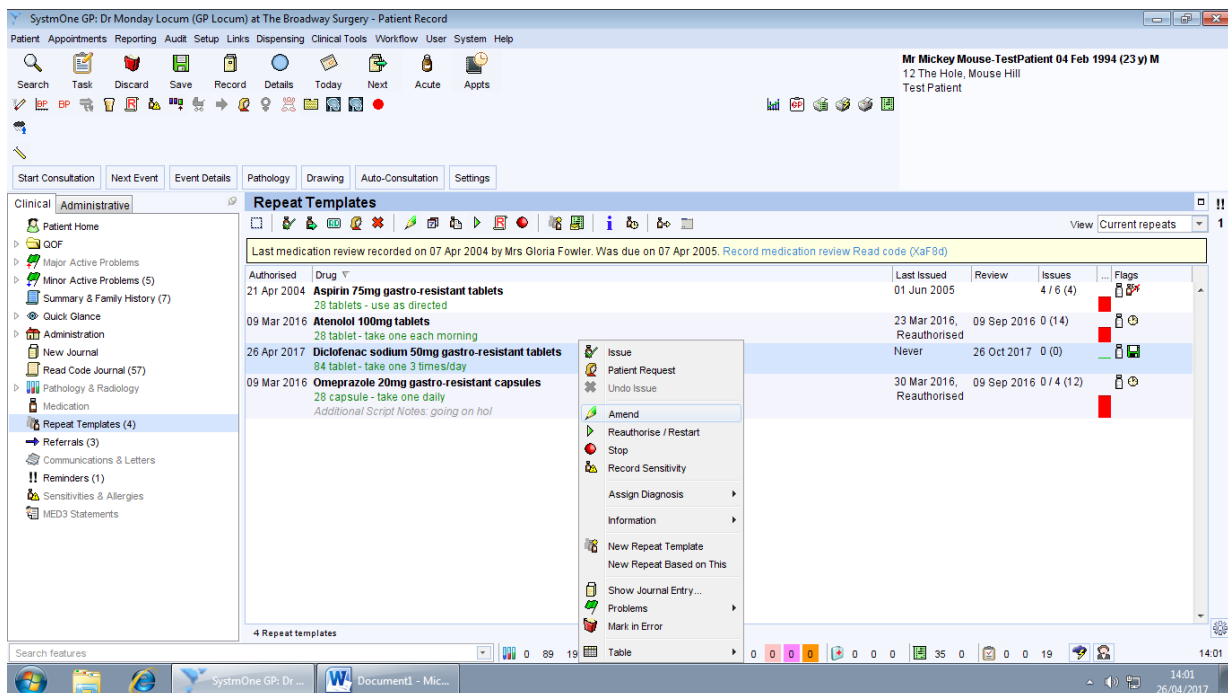
The screenshot displays the SystemONE interface for a patient record. The left-hand navigation pane is expanded to show 'Administrative' options, with 'Repeat Templates (4)' highlighted. The main window title is 'Repeat Templates'. A toolbar above the table contains a red square icon with a white plus sign, which is highlighted. Below the toolbar, a table lists medication repeat templates with columns for 'Authorised', 'Drug', 'Last Issued', 'Review', 'Issues', and 'Flags'.

Authorised	Drug	Last Issued	Review	Issues	Flags
21 Apr 2004	Aspirin 75mg gastro-resistant tablets 28 tablets - use as directed	01 Jun 2005		4 / 6 (4)	
09 Mar 2016	Atenolol 100mg tablets 28 tablet - take one each morning	23 Mar 2016, Reauthorised	09 Sep 2016	0 (14)	
26 Apr 2017	Diclofenac sodium 50mg gastro-resistant tablets 84 tablet - take one 3 times/day <i>Additional Script Notes: STOP TAKING if suffering from vomiting and diarrhoea. You can safely RESTART this medication 24 hours after symptoms have cleared up.</i>	Never	26 Oct 2017	0 (0)	
09 Mar 2016	Omeprazole 20mg gastro-resistant capsules 28 capsule - take one daily <i>Additional Script Notes: going on hol</i>	30 Mar 2016, Reauthorised	09 Sep 2016	0 / 4 (12)	

4. Add safety message in the box marked 'Script notes' highlighted in the screenshot below – this will ensure the message will appear on the green prescription form under dosage instructions and is visible to prescribers, patients and pharmacists.

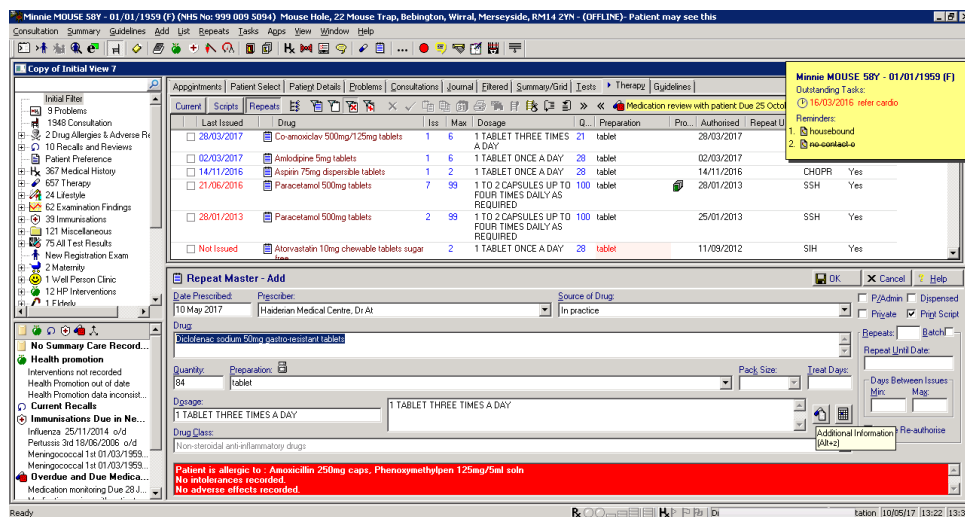


5. To add safety message to an existing drug, right click on the selected drug and select 'Amend' and continue as detailed above.



Vision

1. Access patient care record on the clinical system
2. Select the “therapy” tab to access the patient’s medication page
3. Start typing the name of the required medication (if a new medication is being started/added) then select the medication needed from the list.
4. Click on the “tag” icon (Additional Information – [Alt+z]) at the bottom right of the screen and an “Additional Instructions” window pops up.

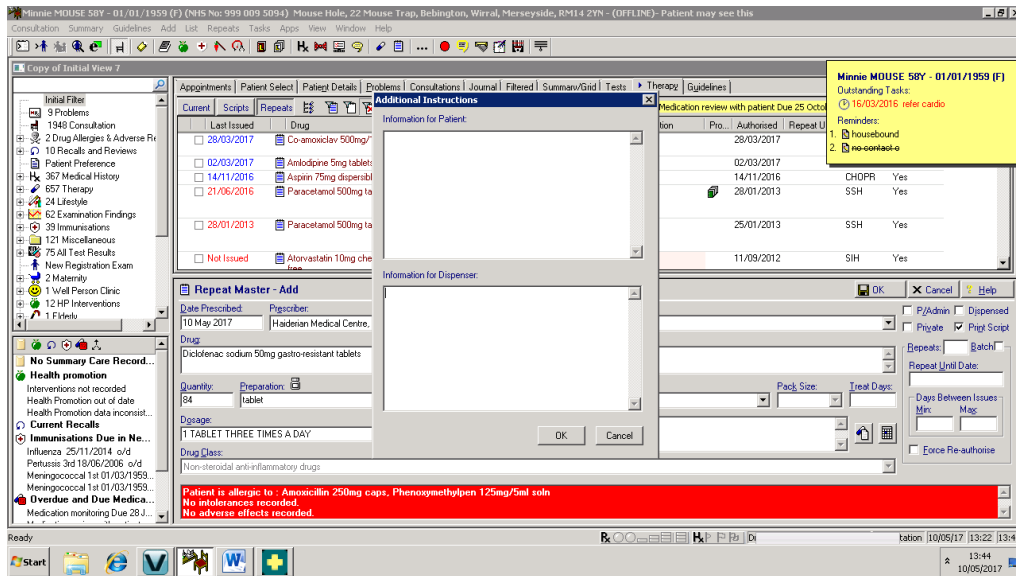


The screenshot displays a clinical software interface for a patient named Minnie MOUSE SBY. The main window shows a list of medications with columns for Last Issued, Drug, Qty, Max, Dosage, Preparation, Prio., Authorized, and Repeat U. The 'Repeat Master - Add' dialog box is open, showing details for Diclofenac sodium 50mg gastro-resistant tablets, including the date prescribed (10 May 2017), prescriber (Hadden Medical Centre, Dr Al), and dosage (1 TABLET THREE TIMES A DAY). A red banner at the bottom of the dialog box states: "Patient is allergic to: Amoxicillin 250mg caps, Phenoxyethylpen 125mg/5ml soln. No intolerance recorded. No adverse effects recorded." A yellow tooltip in the top right corner shows reminders for 16/03/2016 (refer card) and 28/03/2016 (housebound, no-contact).

Last Issued	Drug	Qty	Max	Dosage	Preparation	Prio.	Authorized	Repeat U
28/03/2017	Co-amoxiclav 500mg/125mg tablets	1	6	1 TABLET THREE TIMES A DAY	tablet			28/03/2017
02/03/2017	Amblydipne 5mg tablets	1	6	1 TABLET ONCE A DAY	tablet			02/03/2017
14/11/2016	Aspirin 75mg dispersible tablets	1	2	1 TABLET ONCE A DAY	tablet			14/11/2016
21/06/2016	Paracetamol 500mg tablets	7	99	1 TO 2 CAPSULES UP TO FOUR TIMES DAILY AS REQUIRED	tablet			28/01/2013
28/01/2013	Paracetamol 500mg tablets	2	99	1 TO 2 CAPSULES UP TO FOUR TIMES DAILY AS REQUIRED	tablet		SSH	Yes
Not Issued	Alivostatin 10mg chewable tablets sugar free	2		1 TABLET ONCE A DAY	tablet		SIH	Yes

- Enter the safety message in the bottom section of the Additional Instructions window, which is the “Information for Dispenser” section. This will ensure the message will appear on the green prescription form under dosage instructions and is visible to prescribers, patients and pharmacists.

(Please note, adding text to the “Information for Patient” box will result in the message being printed on the repeat side of the prescription and not on the prescription itself).



- To add safety message to an existing drug, right click on the selected drug and select ‘Edit’ and continue as detailed above.

