



NCIS GUIDE

As Required Hypersensitivity Medications

1 Background

Several hospitals employ an “as required” section in SACT templates for medications required for hypersensitivity. This can be completed prior to SACT and is then available as required should the patient develop a reaction at any time in their treatment.

NCIS.Med (BD CATO) does not have any specific functionality for as required medications of this type however there are different options users can employ to include as required medications in a cycle or as a therapy plan. These are described in this guide.

NOTE: All screenshots in this Guide are from the Training and Test Environments of NCIS. All patients and hospital are fictitious and are not intended to represent the identity, setup and functionality or real patients or facilities.

2 Adding a hypersensitivity regimen to an existing therapy plan as a cycle

There is an option to add a hypersensitivity regimen to an existing therapy plan without creating a completely new therapy plan.

Once the therapy is planned click on the plus icon in the brown cycle banner, and select “cycle”



Figure 1: Selecting cycle from the brown cycle banner

Search for and select the “Hypersensitivity – As required Medications” Regimen and type in the day to include (day 1 or maybe day -1 if you want it to be on a different day)

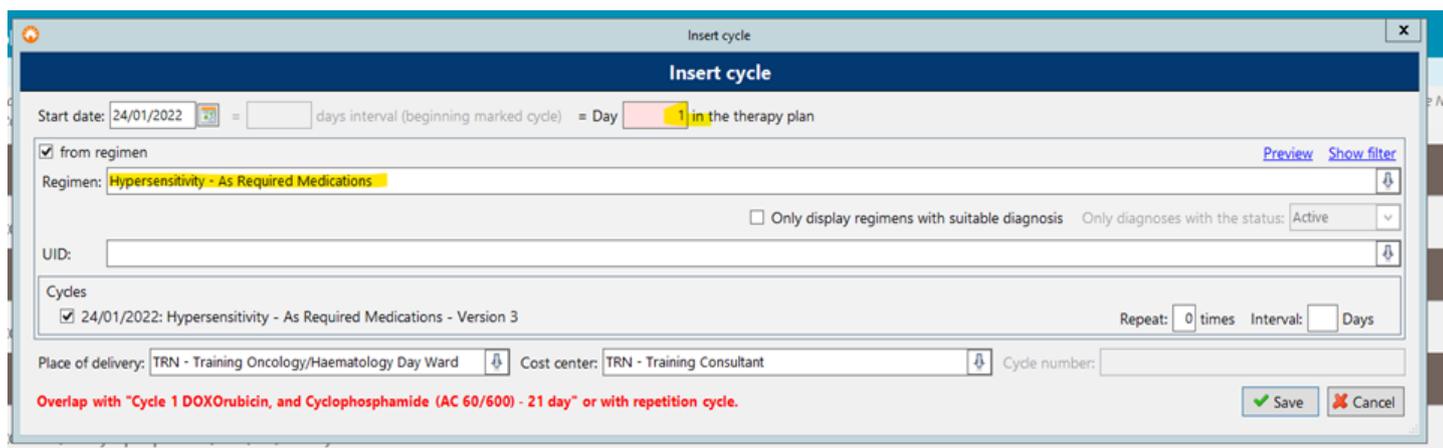


Figure 2: Searching and adding the hypersensitivity regimen

Click save, you will then get a warning to say it is overlapping with another cycle, click YES

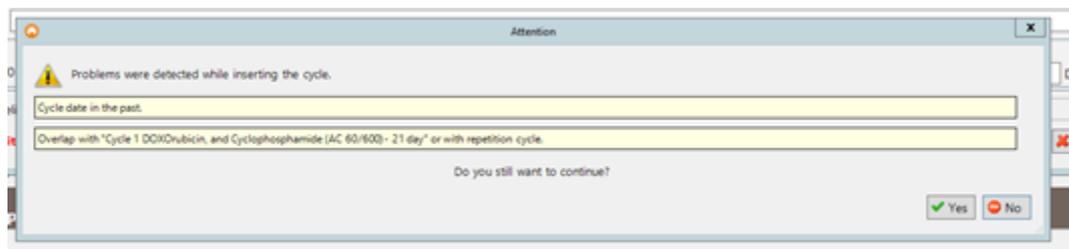


Figure 3: Overlapping warning

You will then be asked whether you really want to add a cycle from a new regimen or start a new therapy plan. At this point click No to add the hypersensitivity cycle to the existing regimen

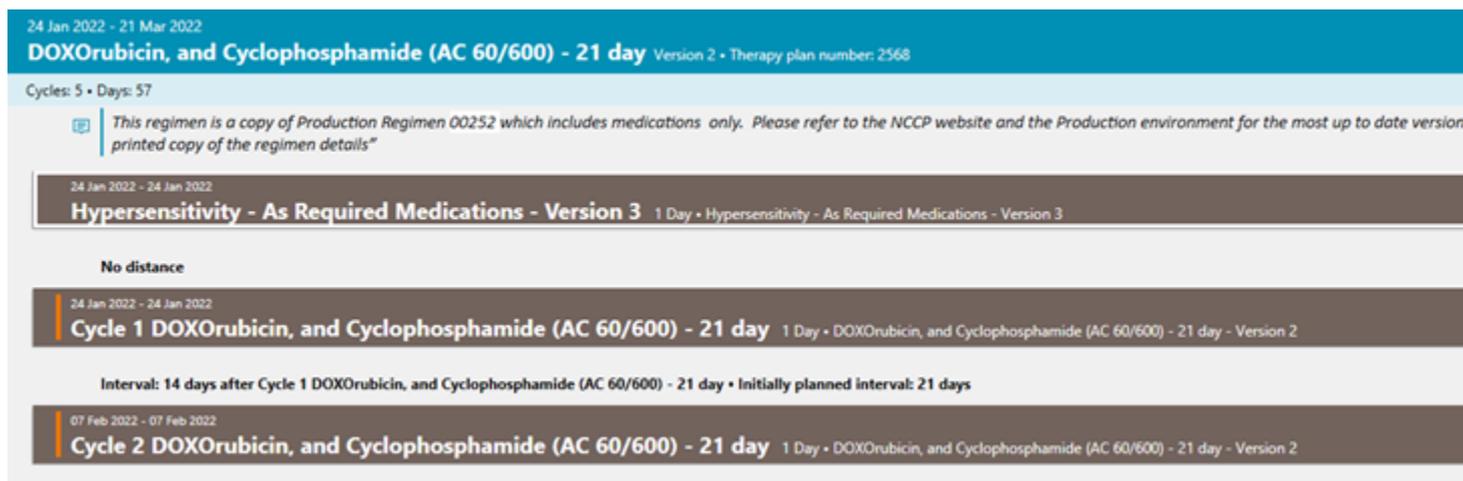


Figure 4: Hypersensitivity regimen is now added as a cycle

3 Creating a Hypersensitivity Therapy Plan for a Patient

This option uses a special regimen called “Hypersensitivity – As Required Medications” which is applied to the patient’s record as a separate therapy plan. The advantage of this approach is that it only needs to be completed once for the patient at the start of therapy planning, and will remain available throughout their treatment.

In the therapy tab of a patient’s tumour case choose “Therapy (NCIS med)” from the Add drop down menu



Figure 5: Adding a new Therapy Form

Choose “Adjunctive Therapy” from the Therapy Type drop down menu and Click the “NCIS med” button to transition to NCIS.Med.



Figure 6: Choose Adjunctive Therapy and transition to NCIS Med

Choose the “Hypersensitivity – As Required Medications” regimen. Make sure that the create therapy plan from regimen box is ticked, enter a start date and enter the appropriate Place of Delivery and Cost Centre (Primary consultant). The regimen will automatically default to just one cycle of hypersensitivity medications, but it is possible to prescribe multiple cycles at specified intervals if you wish.

Figure 7: Adding the new therapy plan

Open the cycle in the regimen and Physician Verify the medications so they can be administered if needed.

To note if a patient has a reaction it is possible to add more cycles of the hypersensitivity medication regimen, or it may be more appropriate to add additional pre-medications to the patients SACT cycles.

Day	Time	Medication	Status
Mon 20 Jul	5min	Chlorphenamine maleate Solution for injection 10mg • Division: 1 x 10mg by intravenous injection	PHYSICIAN-VERIFIED
Mon 20 Jul	5min	Hydrocortisone Powder for solution for injection/infusion 100mg • Division: 1 x 100mg by intravenous injection	PHYSICIAN-VERIFIED

Figure 8: The Hypersensitivity Regimen cycle with the medications physician verified

The hypersensitivity regimen is visible in the patient therapy plans

Start Date	Therapy Plan Name	Version	Therapy Plan Number	Cycles	Days
21 Jul - 11 Nov	CISplatin (40mg/m ²) Weekly with Radiotherapy (RT) (5 cycles)	Version 4	549	10	114
30 Jul - 03 Nov	CARBOplatin (AUC 2) Weekly and PACLitaxel (50mg/m ²) Weekly with Radiotherapy (RT) -5 weeks	Version 3	555	3	97
20 Jul - 20 Jul	Hypersensitivity - As Required Medications	Version 1	852	1	1

Figure 9: Patient record showing multiple therapy plans, including the Hypersensitivity Therapy Plan

4 Adding Hypersensitivity Drugs to a cycle using Medication Selections

This option uses a Medication Selection called “Supportive Medicines”. The medication selection allows drugs to be added to individual cycles. The advantage of this approach is that the hypersensitivity medications are available in each cycle, however it is not immediately obvious they are for as required administration and they need to be added to each cycle.



Click the  icon in the cycle banner in the patient’s therapy plan, and click “Medication Selection”

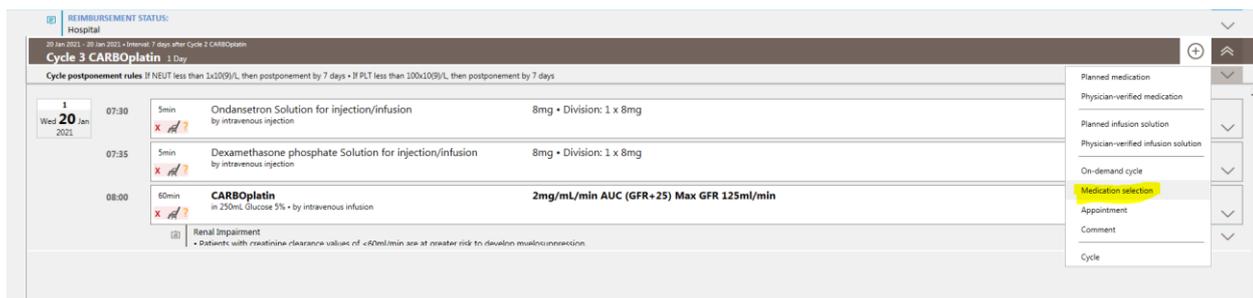


Figure 10: Adding a medication selection to a cycle

In the designation drop down choose the “Supportive Medicines” medication selection. Type in the date or day of the cycle you wish the medications to appear.

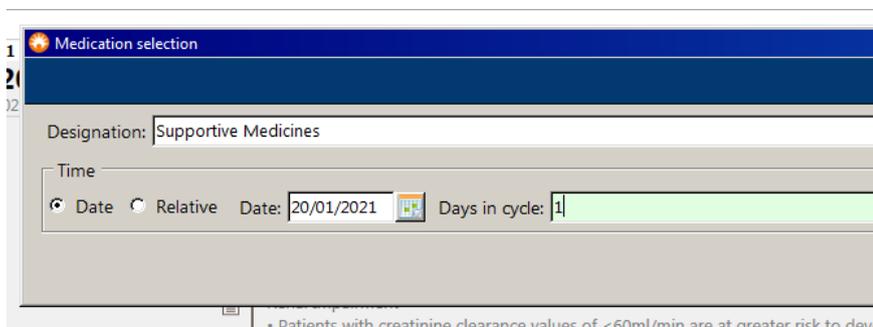


Figure 11: Choose medication selection as well as date and time

Click “Define” on the medication selection to choose the medications required

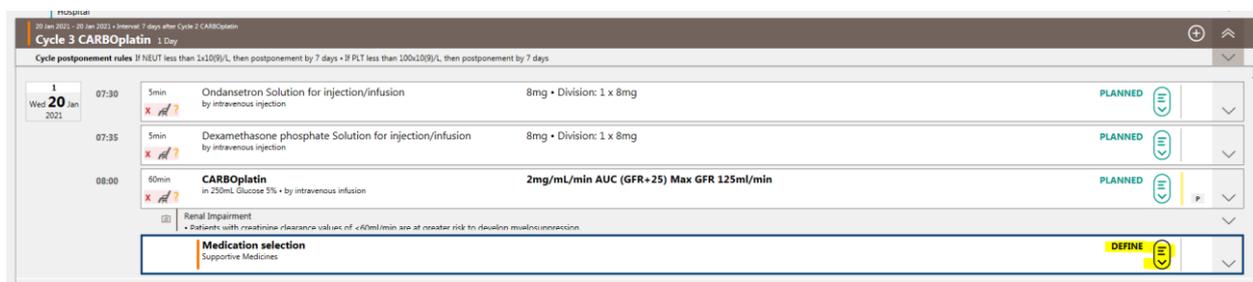


Figure 12: Medication visible in cycle, click define to choose medications

Choose the medications to add to the cycle and click OK, in this case Chlorphenamine and Hydrocortisone have been chosen.

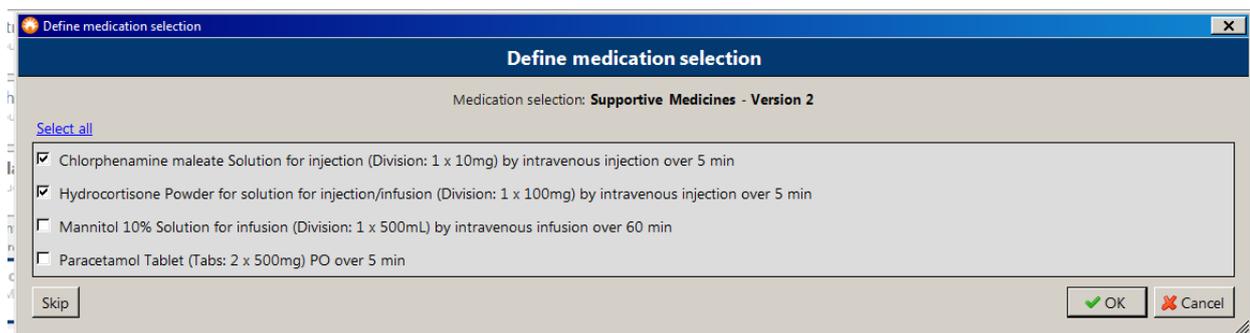


Figure 13: Choose the medications to add to the cycle

Physician verify the medications so they can be administered if required

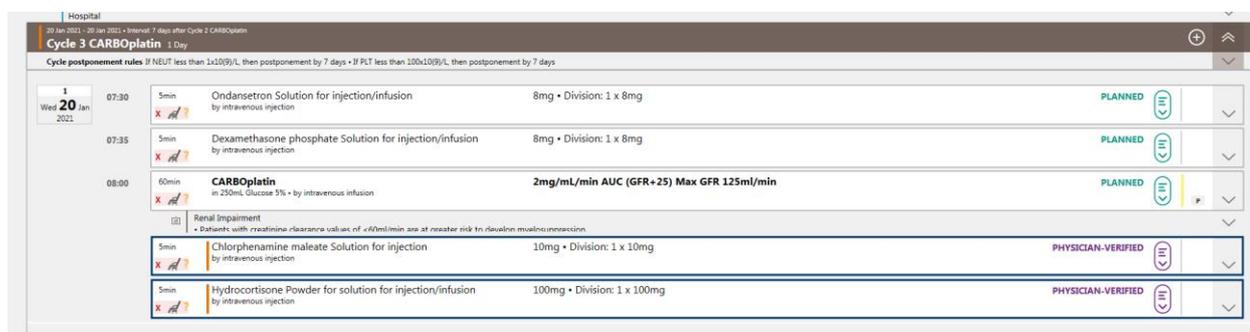


Figure 14: Physician Verified medications visible in the cycle

To add medications to additional cycle either repeat the steps above or copy and paste each medication into the remaining cycles.