

NCIS GUIDE

Medication Postponement

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This guide was developed to assist in managing cycle postponements in NCIS.Med (BD CATO). It can also act as a training guide to support users with the use of the system, and to improve familiarisation with the system.

Electronic prescribing has been proven to enhance medication safety; however it may introduce new risks such as selection errors. This guide has been designed to outline the system functionality. We hope that you get the most out of this resource and that it aids you in your use of NCIS.

If you have any queries or suggestions for improvement, do not hesitate in contacting the NCIS office ncis@cancercontrol.ie

Postponing a Cycle containing Planned, Physician Verified or Pharmacist Verified medications

In all postponing scenarios, NCIS.Med (BD CATO) behaves differently if there are medications that are already prepared or dispensed. If a medication has not been prepared or dispensed, then postponing medication(s) and cycles only requires a reason to be recorded.

To postpone a cycle right click on the cycle banner (brown banner) and select postpone cycle.

Time	Medication	Dose
07:30	Ondansetron Tablet PO	16mg • Tabs: 2 x 8mg
07:30	Dexamethasone Tablet PO	8mg • Tabs: 4 x 2mg
08:00	Oxaliplatin in 500mL Glucose 5% • by intravenous infusion	160.4mg • (85mg/m ² BSA Dubois)
08:00	Calcium folinate 10 mg/mL Solution for injection in 250mL Glucose 5% • by intravenous infusion	754.8mg • (400mg/m ² BSA Dubois)
10:00	Fluorouracil Bolus • by intravenous injection	754.8mg • (400mg/m ² BSA Dubois)
10:30	Infusor connection	

Select the number of days to postpone by, either by entering the number of days or selecting a date on the calendar in the postponement box.

In order for all future cycles to be moved out by the same time do not tick the 'Do not postpone follow-up cycles' box.

A reason must be entered, there is also an option to free type a reason in the free text box.

Postpone cycle

Plus [] Days = []

Do not postpone follow-up cycles

Possible reasons

- Medical Reasons
- Other
- Patient Choice

Reason

OK Cancel

The therapy plan overview and cycle view will now both show that the cycle was postponed, note that the interval is always between the day ones of each cycle.

19 Apr 2023 - 27 Sep 2023
FOLFOX-6 Modified 14 day Adj (00209.1) Version 9 • Therapy plan number: 4116

Cycles: 12 • Days: 162

Interval: 14 days after Cycle 1 FOLFOX-6 Modified

03 May 2023 - 11 May 2023
Cycle 2 FOLFOX-6 Modified 9 days

Interval: 21 days after Cycle 2 FOLFOX-6 Modified • Initially planned interval: 14 days

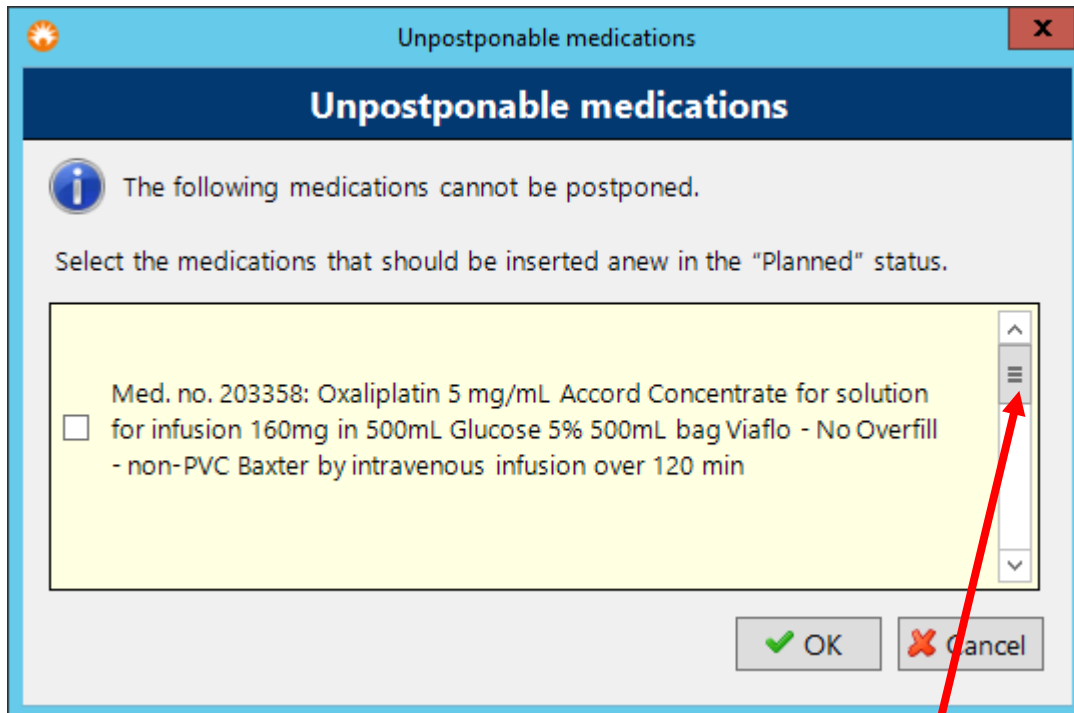
24 May 2023 - 24 May 2023
Cycle 3 FOLFOX-6 Modified 1 Day

Interval: 14 days after Cycle 3 FOLFOX-6 Modified

Postponing a cycle that contains prepared or dispensed medications

This postponement is performed the exact same way as described in the previous section however a box will appear informing that there are “unpostponable” medications in the cycle.

Selecting the medications in this box will insert them into the cycle anew in a planned status. **Be aware that if there are multiple medications in the cycle that have been prepared or dispensed then scroll down through the box to select them as the box appears quite small on the screen.**



SCROLL HERE

The cycle is now postponed but the existing prepared medication(s) will need to be cancelled and the new medication(s) that have been entered into a planned status will have to be physician verified (Option A below).

Or if no medications were selected to be inserted anew then these medications will have to be postponed manually (Option B below).

OPTION A

To cancel the medication, select the medication, click on the status flag button and select cancelled

The screenshot shows a software interface for managing therapy plans. At the top, it identifies the patient as Mrs. CHEE EMILY, born 25 Oct 1986, 36.6 years old, with patient number 518025 and in the TRN - Training Ward. The current therapy plan is 'FOLFOX-6 Modified 14 day Adj (00209.1) Version 9' with plan number 4116. The interface displays a list of medications for 'Cycle 2 FOLFOX-6 Modified' starting on 05 May 2023. The medications listed are: Oxaliplatin 5 mg/mL Accord Concentrate for solution for infusion (160mg), Ondansetron Tablet (16mg), Dexamethasone Tablet (8mg), Calcium folinate 10 mg/mL Solution for injection (768.49mg), and Darzalex 120 mg/mL subcutaneous Solution for injection (1800mg). A dropdown menu is open for the Darzalex medication, showing various administrative actions. The 'CANCELED' option is highlighted with a red rectangular box.

A reason must be recorded as to why there is a cancellation (mandatory), additionally, depending on the user's permissions, there are three options to consider (not mandatory):

- Mark as returned product – the product will be returned to stock and may be reused
- Reorder – this will reorder a copy of the medication in a pharmacist verified status on the same day
- Bill although cancelled – this will cancel the medication and bill the medication for discarding

The 'Cancel medication' dialog box is shown. It has a title bar with a close button (X). The main heading is 'Cancel medication'. Under 'Possible reasons', there are three checkboxes: 'Cumulative life exposure level reached', 'Not required', and 'Other-please outline below'. Below this is a 'Reason' text area. At the bottom, there are three checkboxes: 'Mark as returned product', 'Reorder', and 'Bill although canceled'. The 'OK' and 'Cancel' buttons are at the bottom right.

Option to cancel further instances of the medication.

Dose Modification Wizard

Dose Modification Wizard

Should subsequent medications with **Oxaliplatin** and administration route by **intravenous infusion** be canceled as well?

No

Only adjust medications in this cycle: 1 more

Adjust all subsequent medications: 11 more

Canceling of medications is explained in more detail in the NCIS guide for Cancellation.

OPTION B

If no medication(s) are selected to be inserted as anew, in the planned status, they can be postponed manually. To do this right click on the medication and select modify, then change the date to match with the new cycle, but be aware of the expiry of the product as it may have expired by the time it is due.

19 Apr 2023 - 29 Sep 2023
FOLFOX-6 Modified 14 day Adj (00209.1) Version 9 • Therapy plan number: 4116

Cycles: 12 • Days: 164

This regimen is a copy of Production Regimen 00209.1 version 11. Please refer to the NCCP website and the Production environment for the most up to date version of the regimen. For users with no access to the Production environment the NCIS Office can supply a printed copy of the regimen details

03 May 2023 - 11 May 2023 • Interval: 16 days after Cycle 1 FOLFOX-6 Modified • Initially planned interval: 14 days
Cycle 2 FOLFOX-6 Modified 9 days • Day 1 is 05 May 2023

Date	Time	Medication	Dose	Route	Status
Wed 03 May 2023	08:00	Oxaliplatin 5 mg/mL Accord Concentrate for solution for infusion	160mg • 97.98% (83.28mg/m ² BSA Dubois)	in 500mL Glucose 5% 500mL bag Viaflo - Including Overfill - non-PVC Baxter • by intravenous infusion	✓
	11:47	Fluorouracil (out-sourced) -	4600mg • 99.76% (2394.31mg/m ² BSA Dubois)	q.s. to 115mL NaCl 0.9% 1000mL bag Viaflo - Including Overfill - non-PVC Baxter • in SV2.5 Infusor 120mL elastomeric • by intravenous infusion	✓
Fri 05 May 2023	07:30	Ondansetron Tablet	16mg • Tabs: 2 x 8mg	PO	✗
	07:30	Dexamethasone Tablet	8mg • Tabs: 4 x 2mg	PO	✗
	08:00	Calcium folinate 10 mg/mL Solution for injection	768.49mg • (400mg/m ² BSA Dubois)	in 250mL Glucose 5% 250mL bag Viaflo - No Overfill - non-PVC Baxter • by intravenous infusion	✗

INDICATIONS FOR USE:

Regimen Reimbursement

Selected medications: 1

Status / flag

Modify
✕

Modify

Postponement

Postponement: Plus 2 d 0 h 0 min

Date: 05/05/2023 11:47

Dose modification

Dose modification: %

Target dose: absolute relative mg mg

The final dosage could still be different due to automatic rounding

Vehicle

Vehicle: <Unchanged> mL

✔ Modify
✕ Cancel

Postponing a day of treatment within a cycle

To postpone a day within a cycle or postpone a single medication within a cycle select the medication, or, if there are multiple medications for that day hold the 'Ctrl' button on the keyboard and multi-select the medications. Once the correct medications have been selected right click and select modify.

Therapy plans		Compact	List	Complete	Patient data	Medical results	Diagnoses	Cumul. doses
17 May 2023 - 10 Sep 2023								
R-ICE (riTUXimab), Ifosfamide, Carboplatin and Etoposide(00397.2) Version 2 • Therapy plan number: 4193								
Cycles: 6 • Days: 117								
17 May 2023 - 28 May 2023								
Cycle 1 R-ICE (riTUXimab - standard infusion rate), Ifosfamide, Carboplatin and Etoposide) 12 days								
	Time	Product	Dose	Status	Flags			
+ ✕	07:00	Hydrocortisone Powder for solution for injection/infusion	100mg • Division: 1 x 100mg	PHYSICIAN-VERIFIED				
+ ✕	08:00	riTUXimab	707.63mg • (375mg/m ² BSA Dubois)	PHYSICIAN-VERIFIED				
+ ✕	11:30	Low risk of emesis - Select medication required						
+ ✕	12:00	Etoposide	188.7mg • (100mg/m ² BSA Dubois)	PHYSICIAN-VERIFIED				
Day 2 - Thu, 18 May 2023								
+ ✕	07:30	High risk of emesis - Select medications required.						
+ ✕	08:00	Etoposide	188.7mg • (100mg/m ² BSA Dubois)	PHYSICIAN-VERIFIED				
+ ✕	09:00	CARBOplatin	750mg • (5mg/mL/min CARBO AUC (eCrCl+25) MAX eCrCl 125mL/min)	PHYSICIAN-VERIFIED				
+ ✕	09:30	Mesna 100 mg/mL Solution for injection/infusion	1887.01mg • (1000mg/m ² BSA Dubois)	PHYSICIAN-VERIFIED				
+ ✕	09:35	Mesna 100 mg/mL Solution for injection/infusion	9435.05mg • (5000mg/m ² BSA Dubois)	PHYSICIAN-VERIFIED				
+ ✕	09:36	Ifosfamide	4717.53mg • (2500mg/m ² BSA Dubois)	PHYSICIAN-VERIFIED				
+ ✕	21:36	Ifosfamide	4717.53mg • (2500mg/m ² BSA Dubois)	PHYSICIAN-VERIFIED				
Day 3 - Fri, 19 May 2023								
+ ✕	08:56	Low risk of emesis - Select medication required						
+ ✕	09:26	Etoposide	188.7mg • (100mg/m ² BSA Dubois)	PHYSICIAN-VERIFIED				
+ ✕	12:36	Mesna 100 mg/mL Solution for injection/infusion	1887.01mg • (1000mg/m ² BSA Dubois)	PHYSICIAN-VERIFIED				

Modify

- Define products
- Bed planning
- Set place of delivery
- Set cost center
- Set delivery time

Selected medications: 7
Status / flag ⌵ ☰

When the modify box appears select postponement and enter the date or the number of days that the medication(s) should be postponed by then click modify.

Modify

Postponement

Postponement: Plus d h min

Date: 19/05/2023

Dose modification

Dose modification: %

Target dose: absolute relative

Vehicle

Vehicle: mL