



Feidhmeannacht na Seirbhíse Sláinte
Health Service Executive



NCIS GUIDE

Creating, Sharing and Transferring a Tumour Case

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1 Background

The National Cancer Information System provides a longitudinal record of a patient’s cancer care delivered in hospitals involved in the NCIS project.

Each patient’s NCIS record is managed using Tumour Cases. These are created in NCIS.Chart and contain all information, progress and treatment associated with a single cancer diagnosis in a patient’s NCIS record. If the patient has another cancer diagnosed a separate Tumour Case must be created.

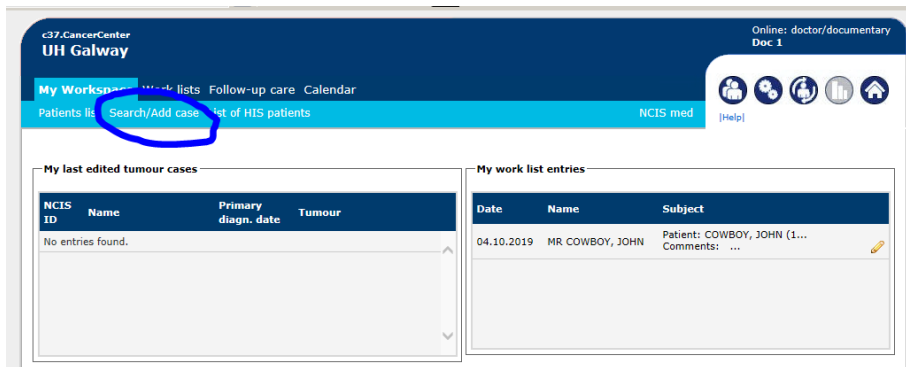
For a summary of how NCIS organises a patient’s NCIS record and the relationship between Tumour Cases, Therapy Forms and Therapy Plans refer to the NCIS Patient and Case Overview Quick Guide (NCISTRAIN2).

This Guide explains how to create a new tumour case, therapy form and therapy plan for a patient and then how to share or transfer an existing case with other hospitals.

NOTE: All screenshots in this Quick Guide are from the Test Environment 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 Creating a Tumour Case

In the My Workspace screen of NCIS.Chart click Search/Add case



Search for the patient. **Note:** this search will search return patients registered on the National Master Patient Index (MPI). It will be possible for you to view all patients that have a PAS record in the hospital(s) to which you have permission to access. Given the large number of patients in the MPI it is recommended to search using Last Name, First Name and Date of Birth.

Search/Add patient

Please enter last name, first name or date of birth

Surname

First name

Date of Birth

Health insurance number

or use a Hospital ID

Hospital ID

The following patients were found

NCIS ID Hospital ID	Name	Date of birth gender	Address	Hospital
GM1234675 (GUH)	MRS FLUORINE, MARY	15.08.1976 (f)	TESTING NCIS SOFTWARE TESTING FUNCTIONALITY TEST DUBLIN ROAD DUBLIN	MPI

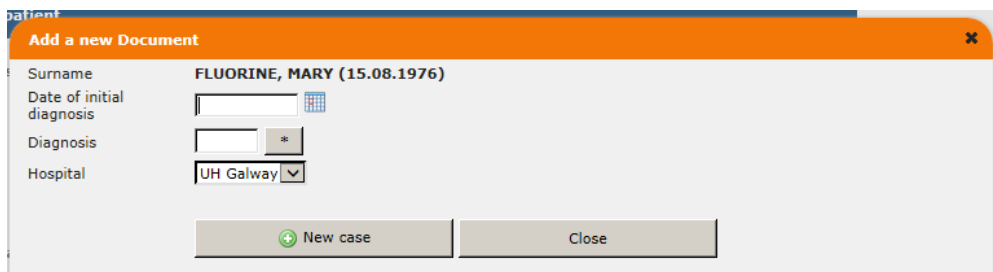
The search will return all patients in the MPI that match the search criteria entered.

- If the patient has no current Tumour Case the Hospital will be listed as MPI
- The Patient ID for the hospital to which you are signed into will be shown
- If the patient already has an existing Tumour Case, that tumour case will be displayed, the name of the hospital and an NCIS ID will be also be displayed
 - The NCIS ID is a 11 digit number that is unique to each NCIS patient and is generated when a Tumour Case is first created

Click on the patient you wish to create a tumour case for. The following box will appear that gives the option of adding a date of initial diagnosis, the diagnosis and the hospital to which you wish to add the case.

Note: It is not mandatory to add a diagnosis or date at this point, however to maximise the functionality available it is recommended to do so where possible. If not entered at this point it is recommended to enter the diagnosis in the Tumour Case as soon as it becomes available/agreed.

Click “New case”

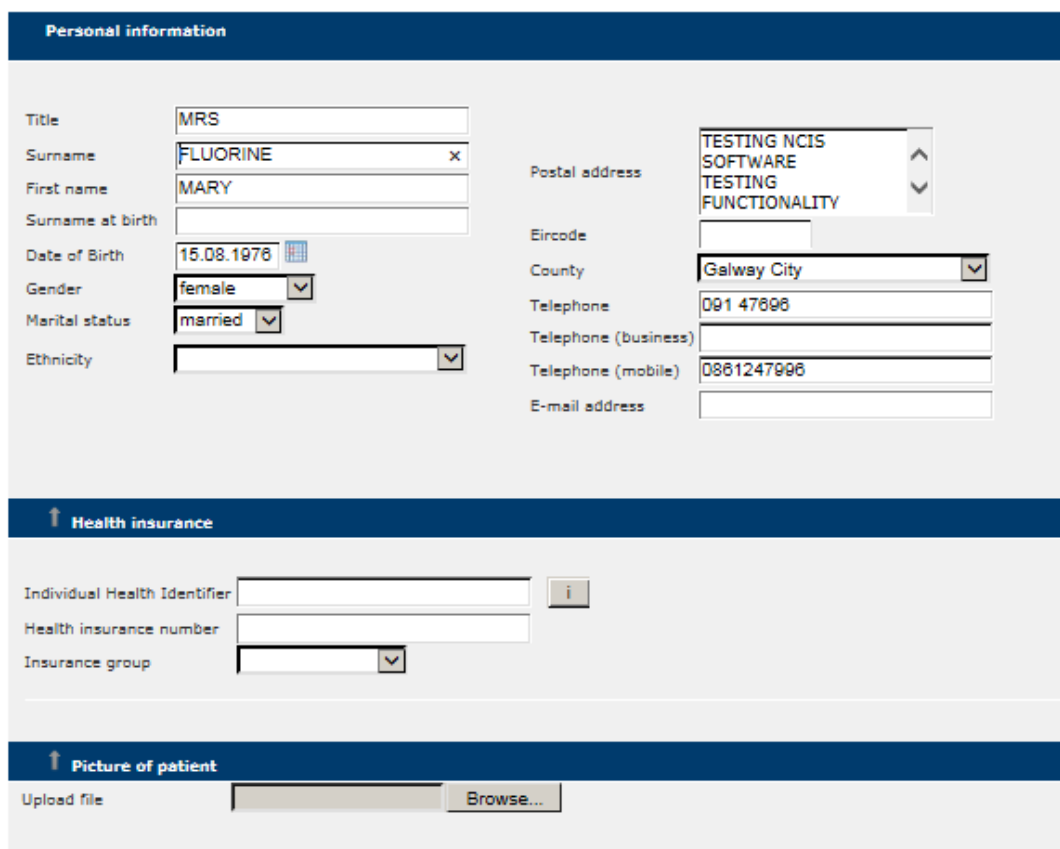


The screenshot shows a dialog box titled "Add a new Document" with a close button (X) in the top right corner. The form contains the following fields:

- Surname: FLUORINE, MARY (15.08.1976)
- Date of initial diagnosis: [Empty text box with calendar icon]
- Diagnosis: [Empty text box with asterisk icon]
- Hospital: UH Galway (dropdown menu)

At the bottom of the dialog, there are two buttons: "New case" (with a green plus icon) and "Close".

The following screen will now show. Information from the local PAS system will populate in this screen and should be confirmed before continuing. It is also possible at this point to add a photo of the patient by clicking the “Browse” button in the “Picture of the Patient” section. Once complete click “Save” at the bottom of the screen.



The screenshot shows a form titled "Personal information" with a blue header. The form is divided into several sections:

- Personal information:**
 - Title: MRS
 - Surname: FLUORINE (with a clear 'x' button)
 - First name: MARY
 - Surname at birth: [Empty text box]
 - Date of Birth: 15.08.1976 (with a calendar icon)
 - Gender: female (dropdown menu)
 - Marital status: married (dropdown menu)
 - Ethnicity: [Empty dropdown menu]
 - Postal address: TESTING NCIS SOFTWARE TESTING FUNCTIONALITY (dropdown menu)
 - Eircode: [Empty text box]
 - County: Galway City (dropdown menu)
 - Telephone: 001 47698
 - Telephone (business): [Empty text box]
 - Telephone (mobile): 0861247996
 - E-mail address: [Empty text box]
- Health insurance:**
 - Individual Health Identifier: [Empty text box with an 'i' icon]
 - Health insurance number: [Empty text box]
 - Insurance group: [Empty dropdown menu]
- Picture of patient:**
 - Upload file: [Empty text box]
 - Browse...: [Button]

The patients new Tumour Case will now be visible.

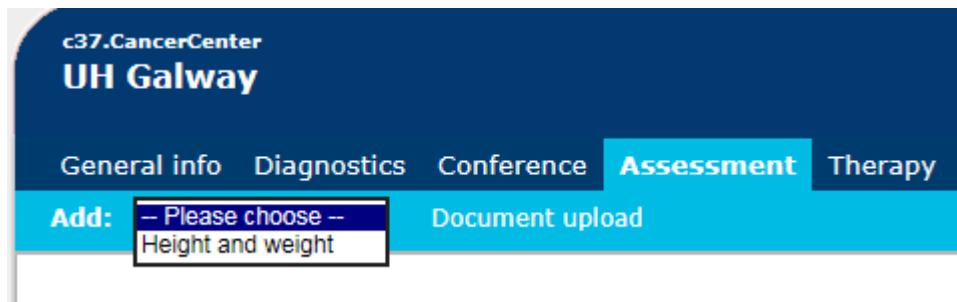
The screenshot displays the patient record for MRS FLUORINE, MA... at UH Galway. The interface includes a header with patient details and a navigation menu. The 'Tumour case' section is active, showing a form with the following fields:

- Basic data:** Referring physician, Primary consultant, Family doctor/Specialist, and Comorbidities (two input boxes).
- Primary diagnosis:** Primary diagn. date (01.04.2020), Primary diagnosis (C20), Malignant neoplasm of rectum, and a checkbox for 'Suspicion of'.
- Colorectal cancer:** Tumour type, Localisation, Tumour biology, and Diagnosis confirmation (all dropdown menus), followed by 'on' and a date input box.

Note: There are multiple fields in the Tumour Case form, some specific to the diagnosis entered. No fields are mandatory but information entered here may be useful for MDMs and case reporting.

3 Entering Height and Weight

Click on the Assessment Tab, then Choose Height and weight from the Add drop down menu.



Enter the patient's height and weight, change the drop down at the bottom of the page to signed, then click save.

Note:

- Height and weight do not need to be entered immediately however it is recommended to enter an initial height and weight before creating the patient's Therapy Form and Therapy Plan
- Further information may be entered in the height and weight form such as the user who checked and verified the height and weight. These fields are not mandatory and can be used if required by local processes.
- **It is essential to SIGN and SAVE the form to ensure the height and weight are populated in the Therapy Form and in NCIS.Med**

The image shows a form titled 'Height and weight'. The form contains the following fields:

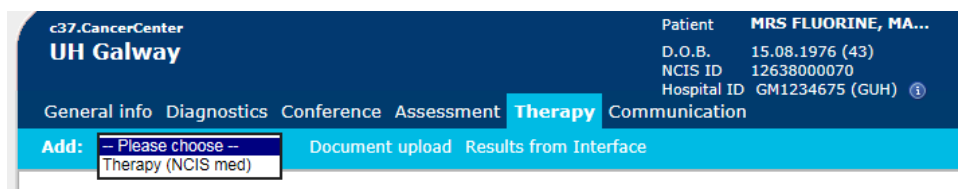
- Date: 02.04.2020
- Time: (empty)
- Duration in minutes: (empty)
- Medical personnel: (empty)
- Chemotherapy: (empty)
- Height: 150 cm
- Weight: 62 kg
- Checked and verified by: (empty)

At the bottom of the form, there is a dropdown menu with three options: 'in progress', 'signed' (which is selected and highlighted in blue), and 'entered in error'. To the right of the dropdown are 'Save' and 'Back' buttons. The URL at the bottom of the page is 'http://10.0.1.71/cancercenter/doc.php?action=new'.

4 Creating a Therapy Form

Therapy Forms are created within a Tumour Case and each represents a line or type of SACT treatment. There may be multiple Therapy Forms within the same Tumour Case.

Click on the Therapy Tab and choose “Therapy (NCIS med)” from the Add drop down list.



The new Therapy Form appears:

- The height and weight and diagnosis have been populated from the Height and Weight Form and the Tumour Case respectively.
- The decision to treat date¹ is automatically populated with the date of Therapy Form creation but this can be changed as appropriate
- The Ready to Treat Date² will be automatically populated when the patient is planned for SACT in NCIS.Med
- Fields highlighted yellow are not mandatory however these are the fields that have been identified as necessary for completion of the SACT dataset

Click the NCIS Med button to Transition to NCIS.Med and create a Therapy Plan

¹ The date on which it was decided that the patient required a specific planned SACT treatment. This is the date that the consultation between the patient and the Medical Oncologist/Haematologist clinician took place and a planned SACT treatment was agreed and consented by the patient

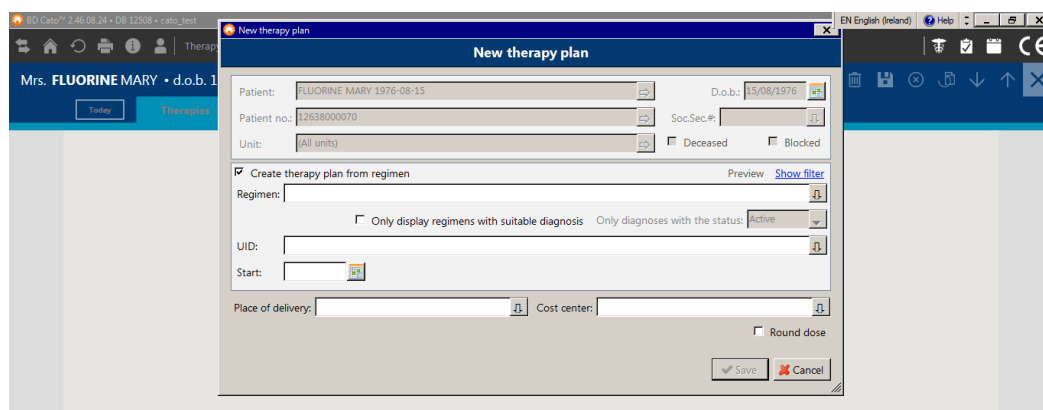
² The date on which it was agreed that the patient is deemed fit to receive a specific planned SACT Treatment. The date Ready to Treat must be specified by the treating Medical Oncologist/Haematologist

5 Creating a Therapy Plan

Each Therapy Form is linked with a Therapy Plan in NCIS.Med. The Therapy Plan is like the prescription for a given regimen or line of treatment and governs: prescribing, verification, preparation/dispensing and administration.

When you transition in patient context (as we did in the previous step) from the Therapy Form to the Therapy Plan in NCIS.Med the linkage will be established and information will move between them.

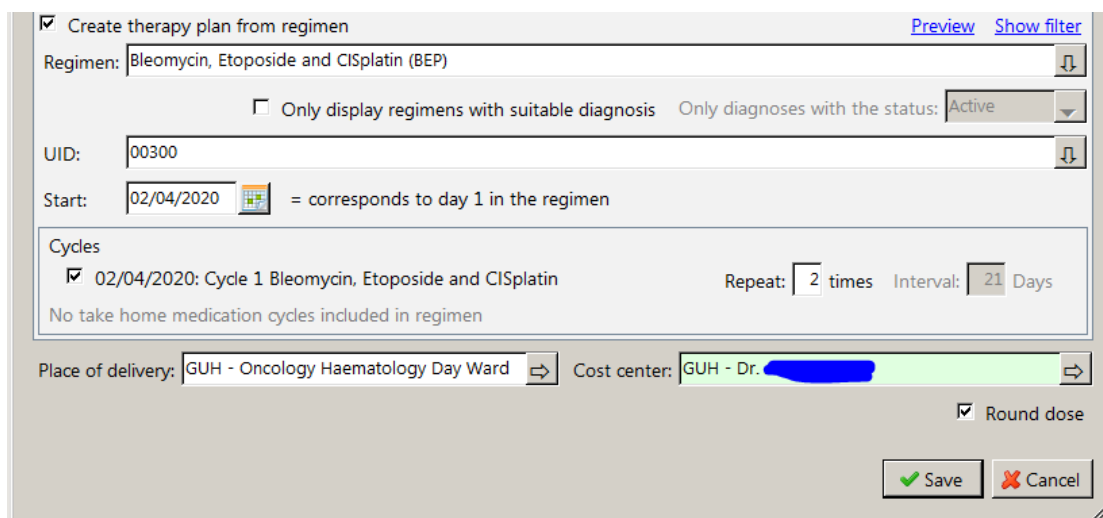
After clicking NCIS.Med in the patients Therapy Form the NCIS.Med application will launch in the patients record and the Add Therapy Plan window will appear.



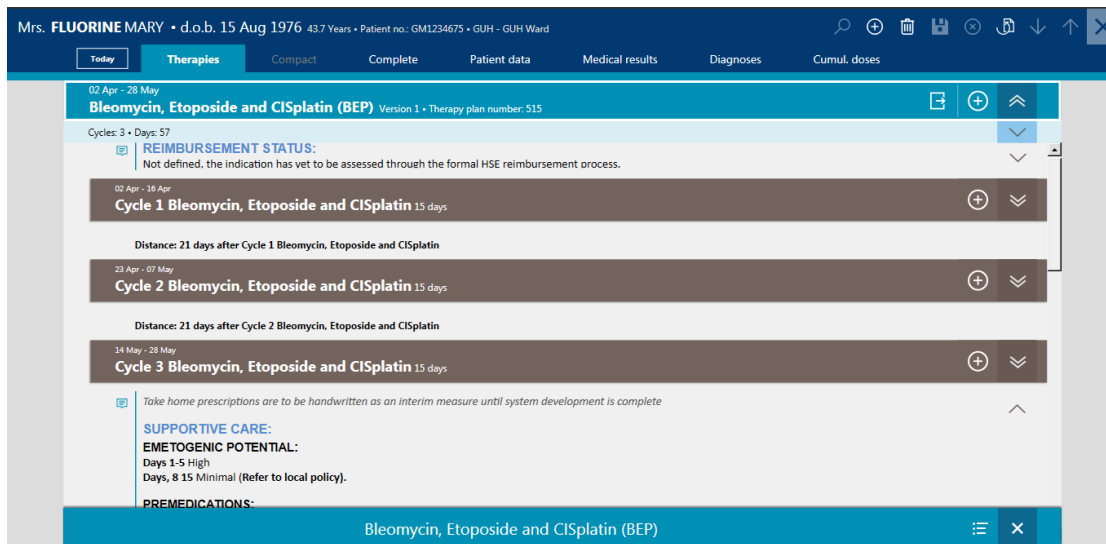
It is now possible to:

- Select a regimen for the patient from the NCIS Regimen Library (based on NCCP National Regimens)
- Filter available regimens by diagnosis by selecting the check box
- Complete the planned start date for treatment (this is the date that will populate the Ready to Treat Date in the Therapy Form)
- Complete the Place of Delivery (ward or day centre where treatment will be given) and Cost Centre (Primary Consultant)

NOTE: It is strongly advised to complete the Place of Delivery and Cost Centre at this point, not completing these fields effect the ability to postpone cycles and modify doses. They must be completed cycle by cycle if not completed at this point.



Once all fields are completed, click Save and the patient's Therapy will be planned. Further details on how to manage treatment in NCIS.Med are available in the BD CATO Manuals and other relevant NCIS Quick Guides.



6 Sharing a Tumour Case

Shared Care, as defined in NCIS, is when a patient’s tumour case is accessed from a second hospital but the tumour case remains in the original hospital. For example when a patient’s main treatment is to remain in the original hospital and a second hospital is giving part of the treatment.

The case is accessed through NCIS.Chart and the facility of the Tumour Form is changed to ensure the correct local patient ID is shown in NCIS.Med. The receiving hospital needs to accept the shared care patient by completing the following steps.

In this example, a tumour case residing in Hospital SLH is going to be shared with Hospital UH Galway. Hospital UH Galway user logs in to NCIS.Chart. The user clicks Search/Add case and types in the patient’s Surname, First Name and Date of Birth.

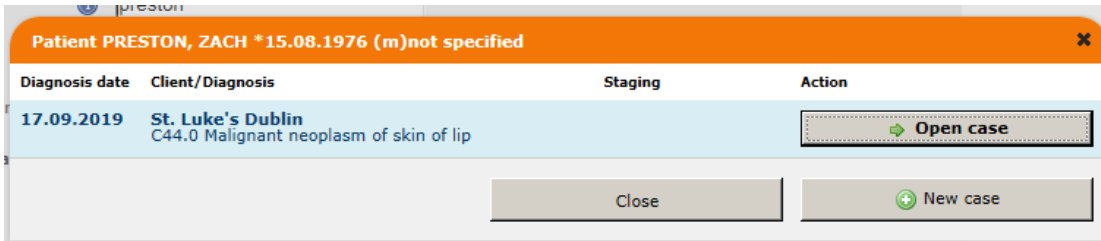
The following patients were found

NCIS ID Hospital ID	Name	Date of birth gender	Address	Hospital
12655000055 GM1234612 (GUH)	PRESTON, ZACH	15.08.1976 (m)	TESTING NCIS SOFTWARE TESTING FUNCTIONALITY TEST DUBLIN ROAD DUBLIN	St. Luke's Dublin

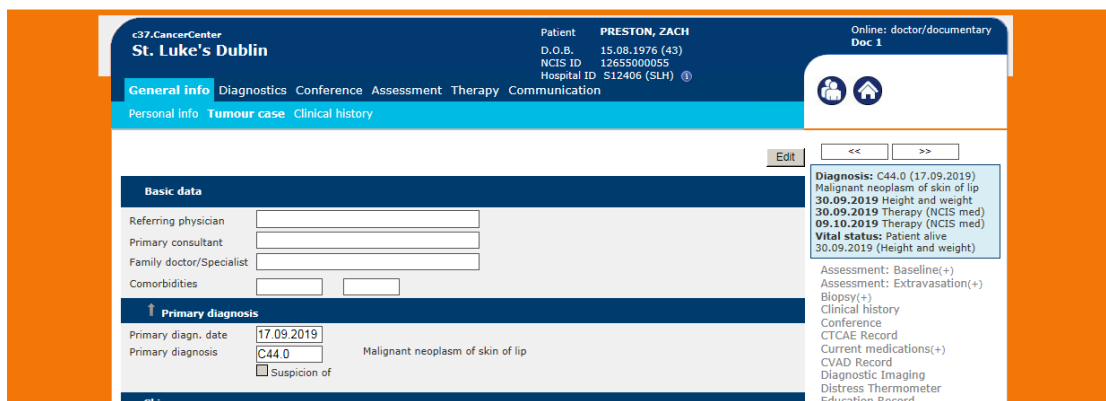
The search will return all patients in the MPI that match the search criteria entered, provided the patient has a PAS record in the hospital you are signed in to.

- As this patient has a current Tumour Case the hospital is listed as the location of this tumour case (St Lukes Dublin)
- The Patient ID for the hospital you are signed into will be shown (*note: this patient has a PAS entry in Hospital UH Galway*)
- The NCIS ID (12655000055) is also shown as the patient has an NCIS Record

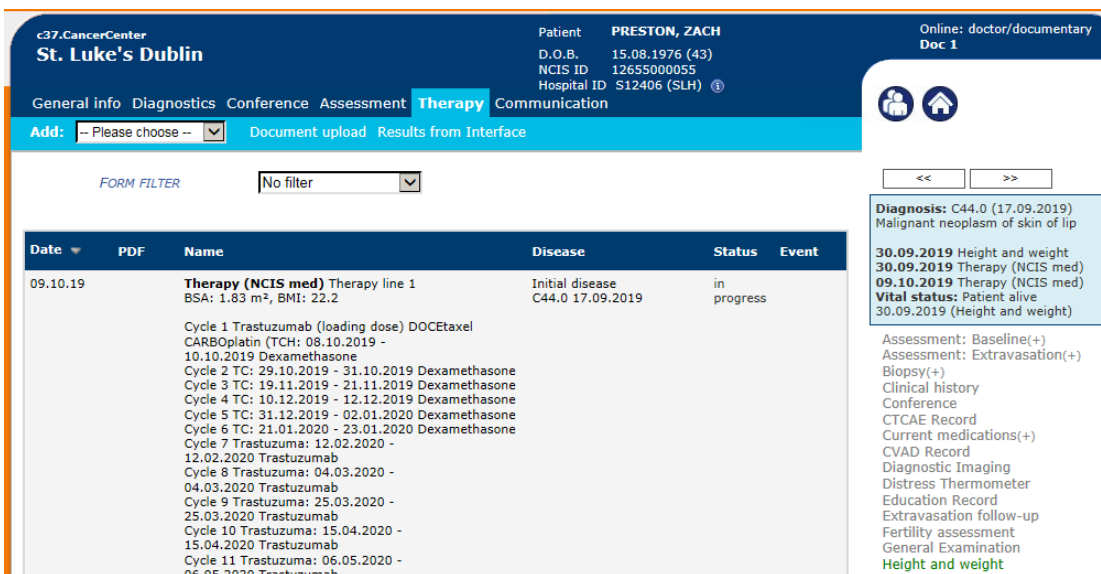
Click on the patient you wish to view and the following box will appear. The details of the already existing Tumour Case are visible, you can either open this case or create a new Tumour Case for the patient. In this example as we are sharing care, we click Open Case.



The patients Tumour Case now opens. **Note:** the orange background around the case signifies that the case is in a different hospital. It is now possible for the user to interact with the tumour case in NCIS.Chart



To work with the patient's Therapy Plan in NCIS.Med click on the Therapy Tab and the Therapy form will open. If the patient has multiple Therapy Forms, click on the one you wish to work with.



If it is the first time this Therapy is to be managed in NCIS.Med, it is necessary to share the Therapy Form with the receiving facility.

Note: To prevent a receiving hospital being unaware that a patient is to be shared with them for the purposes of treatment this step must be completed by a user in the receiving hospital.

In the patients Therapy Form click edit then change the Facility drop down to the receiving hospital – in this case University Hospital Galway

The screenshot shows the 'Therapy' tab of the patient's record. The patient is ZACH PRESTON, born 15.08.1976. The facility is currently set to 'St. Luke's Hospital, Rathgar Dublin'. The therapy line 1 details include a decision to treat date of 07.10.2019, a ready to treat date of 09.10.2019, and a diagnosis of C44.0 (Malignant neoplasm of skin of lip). The consent form is completed, and the vital status is 'Patient alive' as of 30.09.2019.

Click Yes when asked if you wish to change the place of treatment

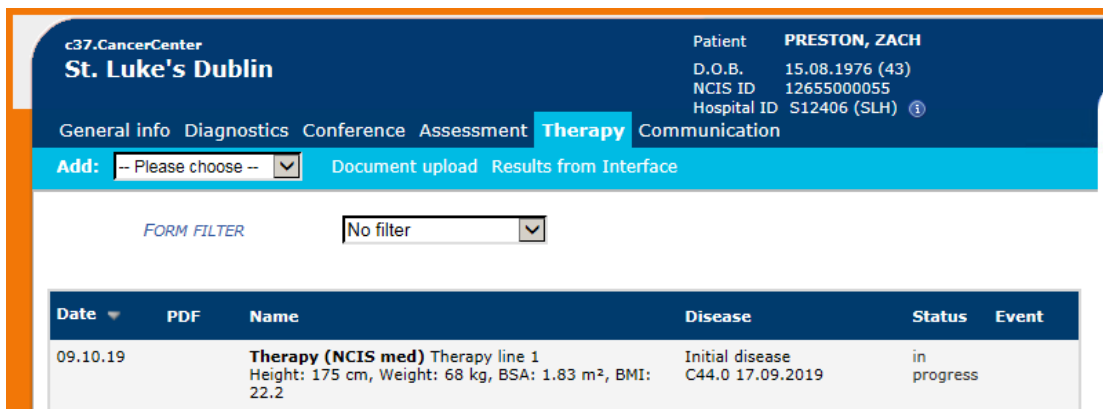
A modal dialog box titled 'Note' is displayed, asking the user 'Would you like to change the place of treatment?'. There are 'Yes' and 'No' buttons at the bottom right of the dialog.

Click Save

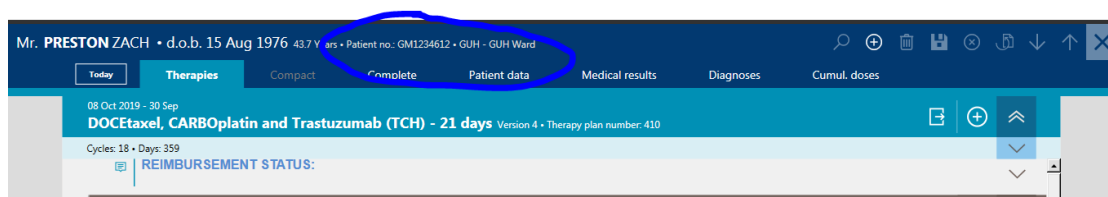
This screenshot shows the bottom portion of the therapy form. The 'Therapy Plan from NCIS med' section contains the text 'DOCEtaxel, CARBOplatin and Trastuzumab (TCH) - 21 days - Version 4'. The 'Therapy intent' is set to 'Disease-control'. The 'Therapy setting' is 'Neo-'. At the bottom, the 'Save' button is circled in blue.

There will be a short delay after clicking save before returning to the below screen (this is to allow NCIS.Chart to send a message to NCIS.Med to share the patients NCIS.Med record with users from the receiving hospital).

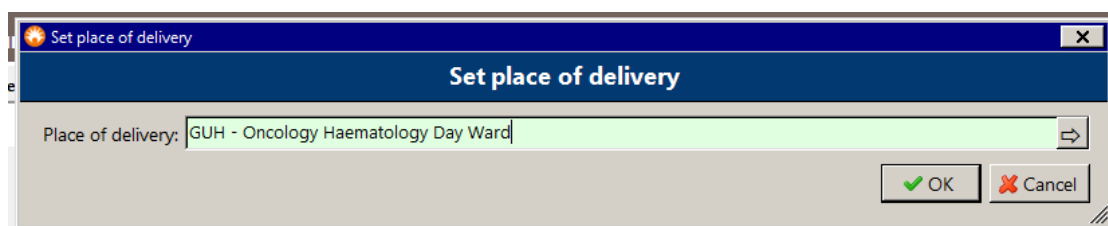
Once the below screen is visible it is now possible for any UH Galway user to access the patients record in NCIS.Med, either by transitioning in patient context through the Therapy Form or out of patient context from the “my workspace” page.



Note that when accessing the patient in NCIS.Med as a UH Galway user, the UH Galway Patient ID is visible (for users working with the Therapy Plan in SLH the SLH ID will be shown).



When working with individual medications or cycles the receiving hospital will need to change the place of delivery and cost centre to their own wards and Consultants. Again this can only be done by the receiving hospital to prevent a sending hospital sharing a case accidentally or without the receiving hospitals knowledge.



NOTE: If both cost centre and place of delivery are not changed to local values then the medication will not be shown on the receiving hospitals medication list.

6.1 Transitioning in a Shared Therapy Form

It is important to note the Facility associated with the Therapy Form when transitioning in Patient Context as this will determine the Local ID that is visible for the patient.

In the case below the user is a UH Galway user but the Therapy Form is associated with the facility St Lukes Hospital.



If transitioning in patient context from the therapy form the patients Local ID will show as St Lukes rather than Galway.

The patient’s assigned hospital will also show as “SLH-SLH Ward”, this indicates that the last hospital assigned to the patient was SLH.

Mr. PRESTON ZACH • d.o.b. 15 Aug 1976 43.7 Years • Patient no.: S12406 • SLH - SLH Ward

The list of Unit Assignments in the Patient Data Tab shows all the hospitals that the patient has been assigned. The unit assignments are used to determine which users can access this patient record and do not reflect the present location of the patient or where their SACT is to be delivered. Delivery location should be managed using Place of Delivery as described above.

List of unit assignments

From	Until	Unit
06/04/2020 13:33	-	SLH - SLH Ward
02/04/2020 15:53	06/04/2020 13:32	GUH - GUH Ward

Note: The Local ID shown when transitioning out of patient context will always be the ID that relates to the user. I.E. for UH Galway users the Galway ID will show, for SLH users the SLH Id will show.

7 Transferring a Tumour Case

Transfer of care is when a patient’s tumour case is transferred to a second hospital as they are taking over the patient cancer care. For example a patient is discussed at MDM in one hospital and then moved to another for treatment, or a patient starts treatment in one hospital but then moves to another.

The case is transferred using Chart by the receiving hospital pulling the case across. There must be local governance arrangements in place to ensure cases are only transferred with agreement from both hospitals.

NOTE: The case transfer process can only be undertaken by a user with Case Manager or Administrator permissions.

In this example a tumour case residing in Hospital SLH is going to be transferred to Hospital UH Galway. The Hospital UH Galway case-manager user logs in to NCIS.Chart, they then click Search/Add case and type in the patients Surname, First Name and Date of Birth.

UH Galway

[My Workspace](#) [Work lists](#) [Follow-up care](#) [Calendar](#)

[Patients list](#) [Search/Add case](#) [List of HIS patients](#)

Search/Add patient

Please enter last name, first name or date of birth

Surname

First name

Date of Birth

Health insurance number

or use a Hospital ID

Hospital ID

The following patients were found

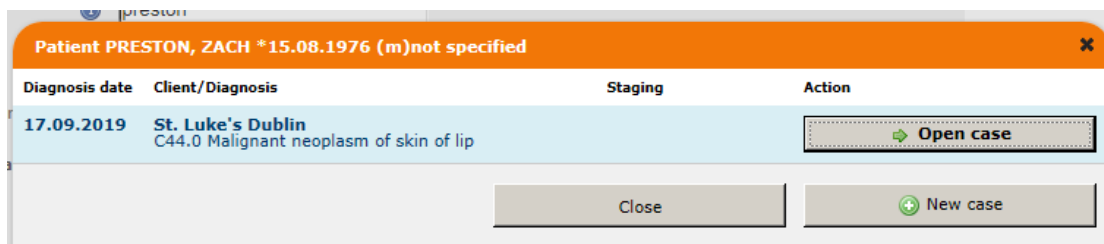
NCIS ID Hospital ID	Name	Date of birth gender	Address	Hospital
12655000055 GM1234612 (GUH)	PRESTON, ZACH	15.08.1976 (m)	TESTING NCIS SOFTWARE TESTING FUNCTIONALITY TEST DUBLIN ROAD DUBLIN	St. Luke's Dublin

The search will return all patients in the MPI that match the search criteria entered, provided the patient has a PAS record in the hospital you are signed in to.

- As this patient has a current Tumour Case, the hospital is listed as the location of this tumour case (St Lukes Dublin)

- The Hospital ID for the hospital you are signed into will be shown
- The NCIS ID (12655000055) is also shown as the patient has an NCIS Record

Click on the patient you wish to view and the following box will appear. The details of the already existing Tumour Case are visible, you can either open this case or create a new Tumour Case for the patient. In this example as we are transferring care, we click Open Case.



The patients Tumour Case now opens. **Note:** the orange background around the case signifies that the case is in a different hospital. It is now possible for the user to interact with the tumour case in NCIS.Chart



Click Edit on the Tumour Case and then click “Transfer to other client”

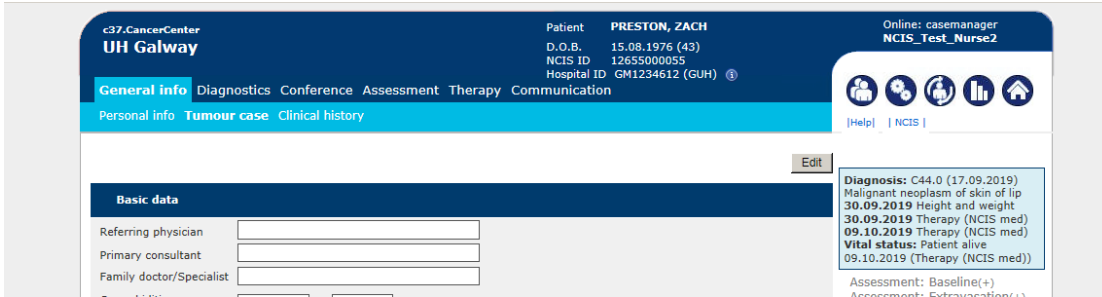
The screenshot shows a web application interface for a Tumour Case. At the top, there are tabs for 'General info', 'Diagnostics', 'Conference', 'Assessment', 'Therapy', and 'Communication'. Below these are sub-tabs for 'Personal info', 'Tumour case', and 'Clinical history'. The 'Tumour case' sub-tab is active. The form is divided into sections: 'Basic data' with fields for 'Referring physician', 'Primary consultant', 'Family doctor/Specialist', and 'Comorbidities'; 'Primary diagnosis' with 'Primary diagn. date' (17.09.2019) and 'Primary diagnosis' (C44.0 Malignant neoplasm of skin of lip); and 'Skin cancer' with fields for 'Tumour type', 'Localisation', 'Localisation - side', 'Tumour biology', and 'Diagnosis confirmation'. At the bottom of the form, there are buttons for 'Enter clinical staging' and 'Enter pathological staging'. A navigation bar at the very bottom contains buttons for 'Save', 'Print', 'Back', 'Add to worklist', 'Delete case', and 'Transfer to other client'. The 'Transfer to other client' button is circled in blue.

Select the receiving hospital from the drop down list and enter a reason for the transfer. Click Transfer to other client.

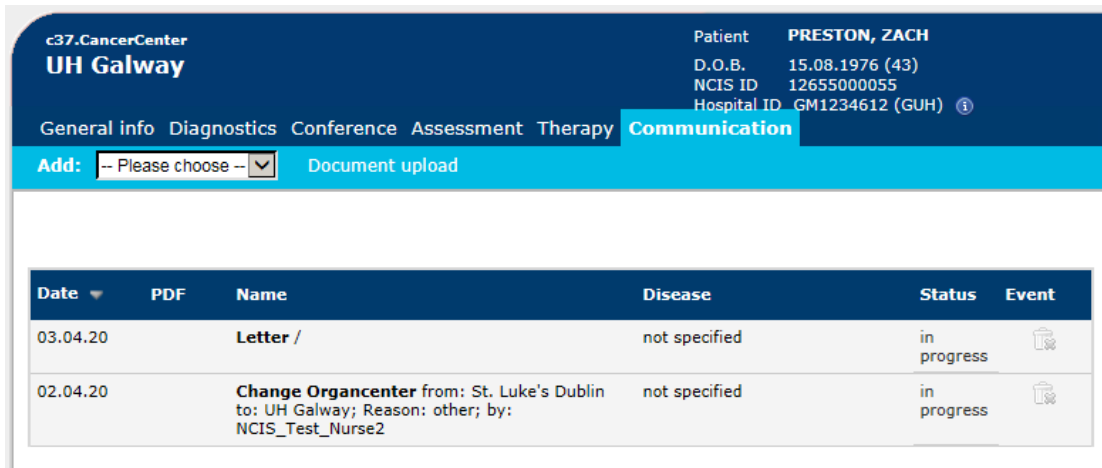
The screenshot shows a dialog box titled 'Transfer to other client' with a close button '(X)'. The dialog contains the following text: 'To transfer a cancer case to another facility please select the hospital below and record a reason for transfer. When you click transfer, this case will be automatically transferred to the selected hospital.' Below this, it says: 'Please note that presettings of exports may not be transferred if they are not available in the new organizational center.' The form fields are: 'Choose organ centre' (UH Galway), 'Reason for transfer' (other), and 'Comments' (Transferring Hospitals). At the bottom of the dialog are two buttons: 'Transfer to other client' and 'Cancel'.

Note now the orange background has gone and the hospital name has changed to UG Galway signifying that the case has been transferred.

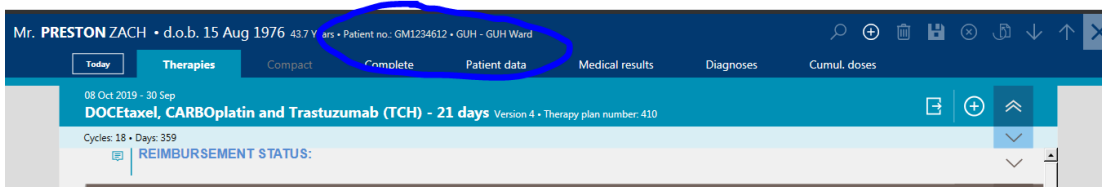
It is now possible for any UH Galway user to access the patients record in NCIS.Med. Either by transitioning in patient context through the Therapy Form or out of patient context.



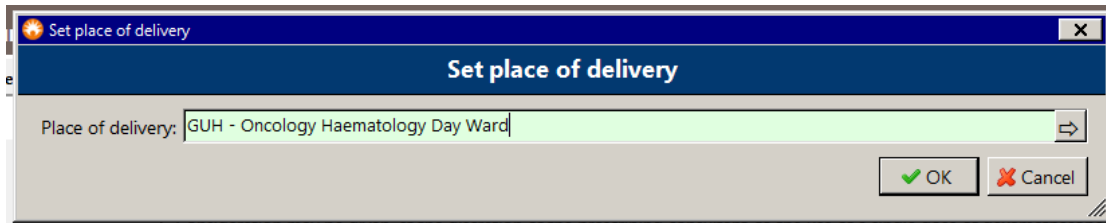
When a case has been transferred the details are recorded in the communications tab:



Note now when accessing the patient in NCIS.Med the UH Galway Patient ID is visible.



When working with individual medications or cycles the receiving hospital will need to change the place of delivery and cost centre to their own. Again this can only be done by the receiving hospital to prevent a sending hospital modifying a case accidentally or without the receiving hospitals knowledge.



NOTE: If both cost centre and place of delivery are not changed to local values then the medication will not show on the receiving hospitals medication list.