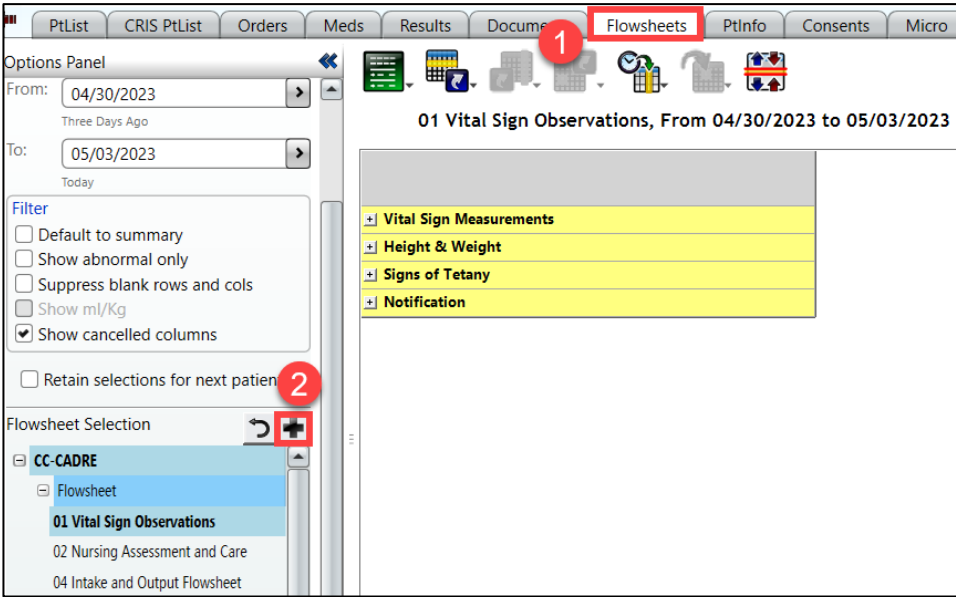
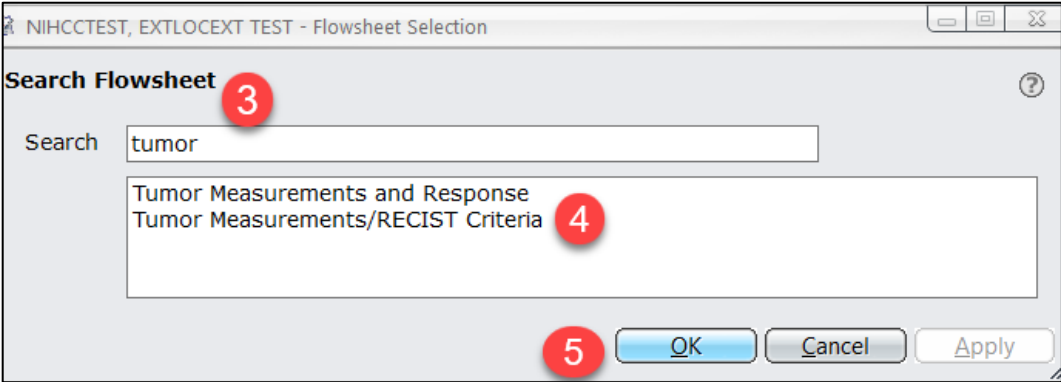
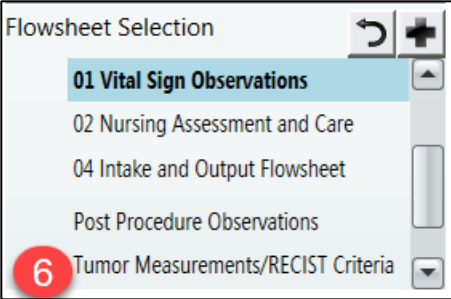


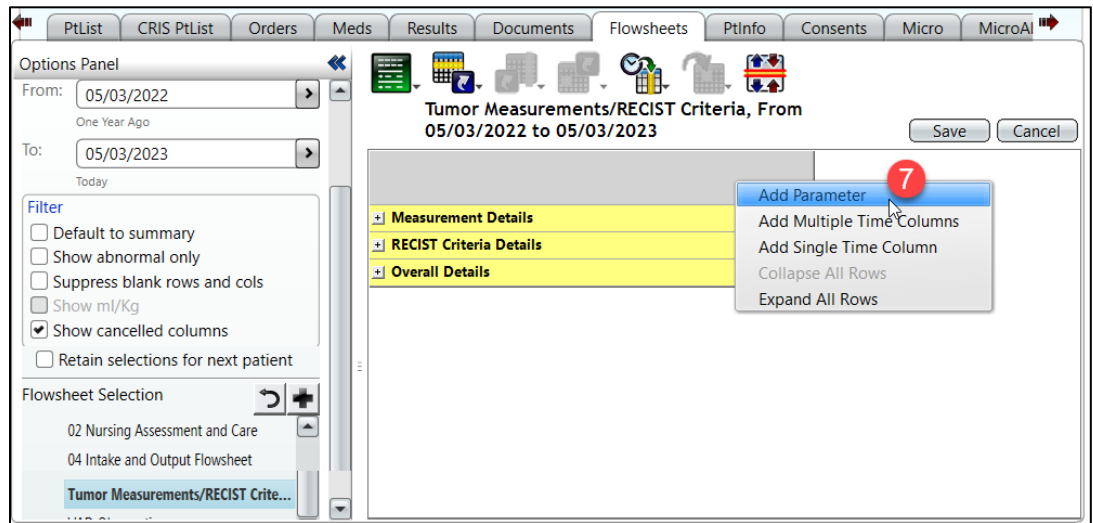
# Guidelines for Entering Tumor Measurements in CRIS

Depending on your protocol requirements, you may need to add the **Tumor Measurements and Response** and/or the **Tumor Measurements/RECIST Criteria** flowsheet.

How to manually add the flowsheet:

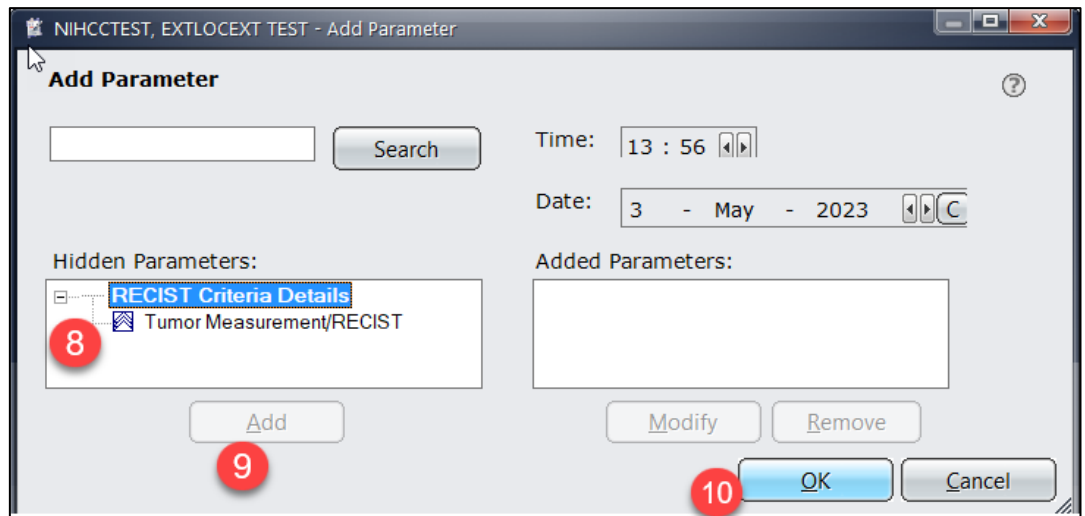
<p>From the <b>Flowsheets</b> tab, select the <b>+</b> icon in the Flowsheet Selection box</p>	
<p>In the <b>Search</b> field, type "tumor". Two choices display: <b>Tumor Measurements and Response</b> and <b>Tumor Measurements/RECIST Criteria</b>. Select the one that is used for your protocol. Keep in mind most CCR protocols use RECIST so it is most likely you will need <b>Tumor Measurements/RECIST Criteria</b>. Select <b>OK</b>.</p>	
<p>The <b>Tumor Measurements/ RECIST Criteria</b> flowsheet now displays in the Flowsheet Selection list and is available for documentation. Select <b>Tumor Measurements/ RECIST Criteria</b>.</p>	

Right-click in the grey area on the flowsheet.  
The shortcut menu displays.  
Select **Add Parameter**.



The **Add Parameter** window opens.

Select the **+** sign next to **RECIST Criteria Details**.  
The **Tumor Measurement/RECIST** set displays.  
Select **Tumor Measurement/RECIST**.

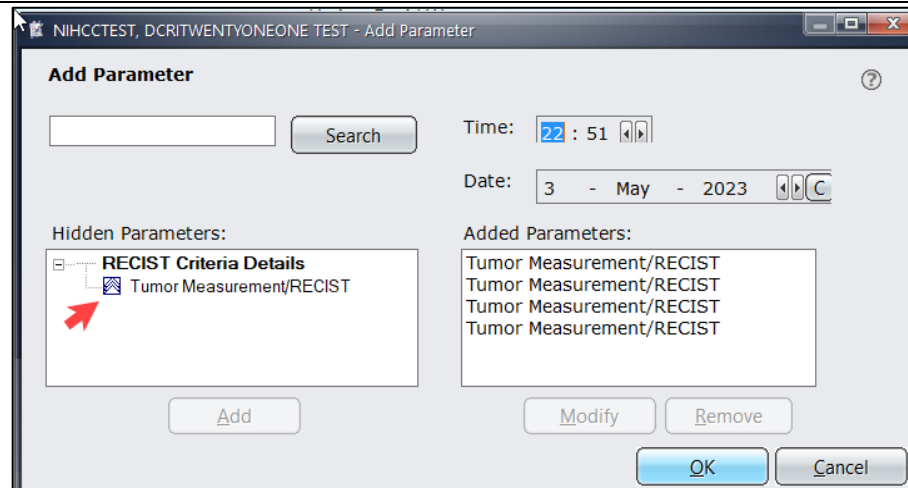


Select **Add**.  
Select **OK**.

Note: Parameters = Lesions

Add a set for each lesion you are recording.

When finished, select **OK**.

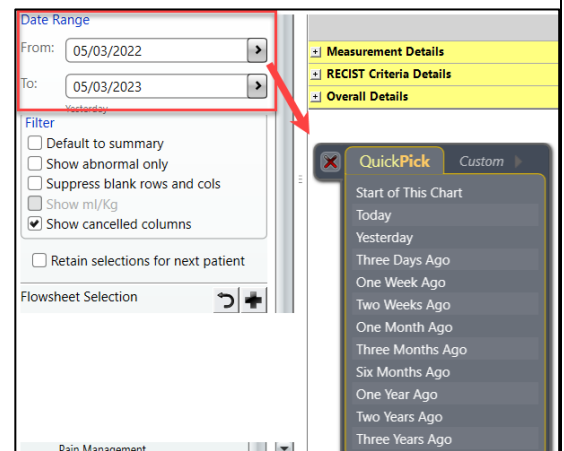
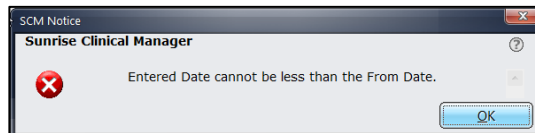
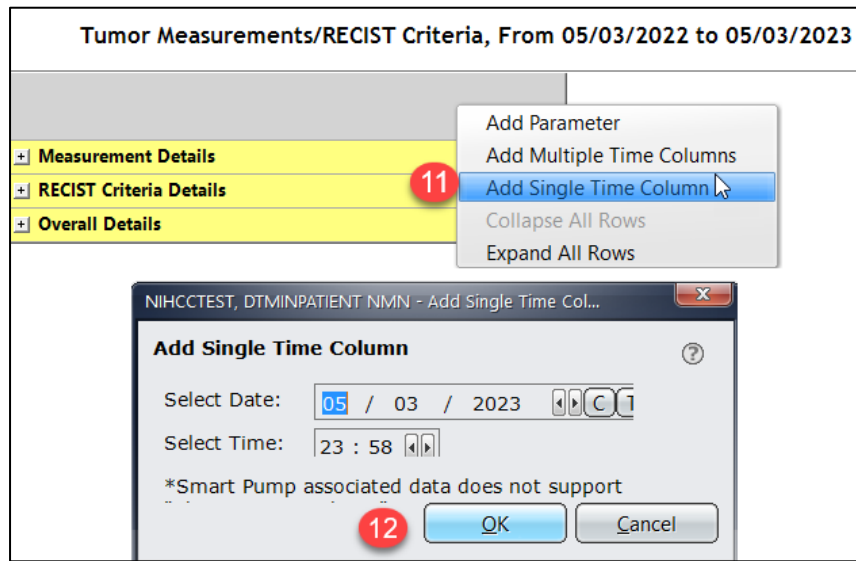


Right click in the grey area on the flowsheet. Select **Add Single Time Column**.

The **Add Single Time Column** window displays. Accept the system date/time OR enter the desired date/time.

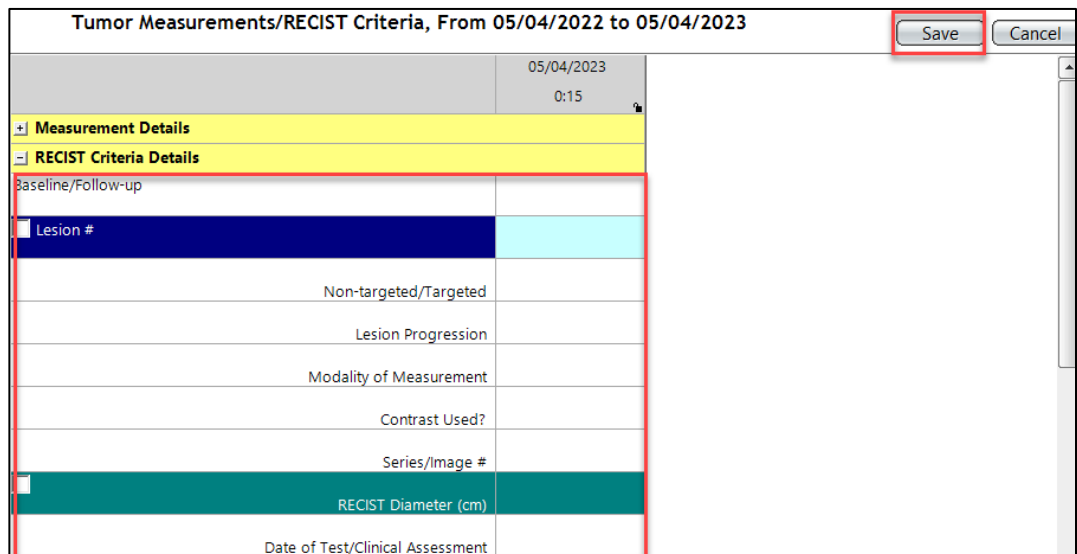
Select **OK**.

*Note:* if desired date/time exceeds the date displaying in the Date Range->From: field, a pop-up displays (see example to right). Select the appropriate date range from the **QuickPick Menu**.

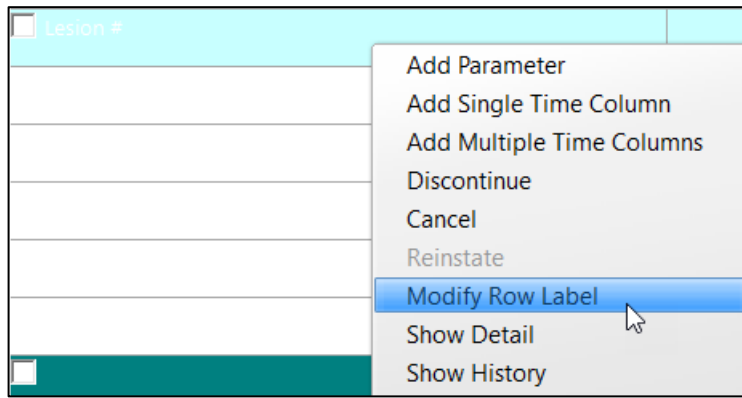


Fill out the **Measurement Details** and **RECIST Criteria Details** sections. Important: In the **RECIST Criteria Details** section, be sure to document **Non-targeted/Targeted**. Proceed documenting the following observations as appropriate.

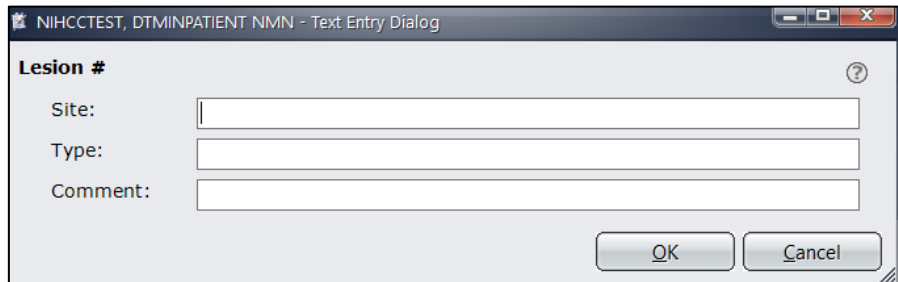
*Note:* Date of Test/Clinical Assessment is the date of the scan.



To provide more details about the lesion's location, right-click on the **Lesion #** parameter and select **Modify Row Label**.

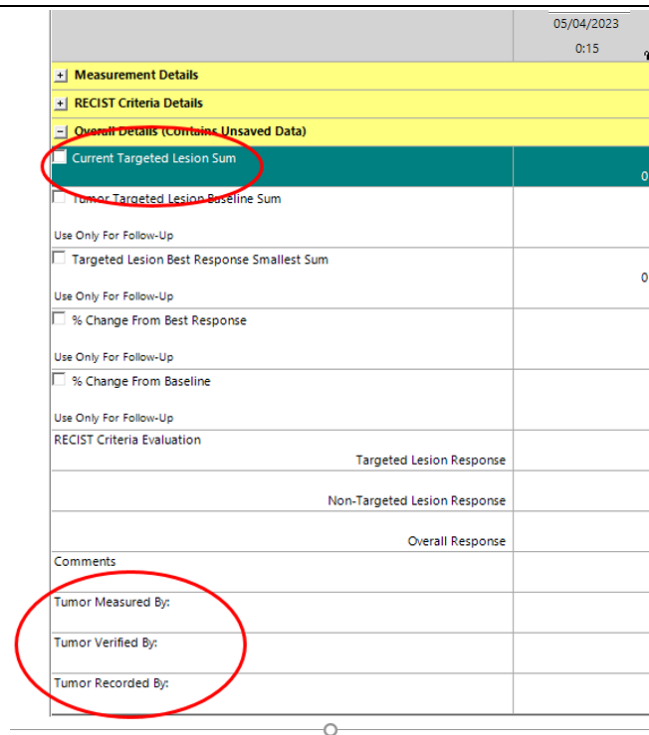


Enter lesion information (i.e. name & location) under Site, Type and/or Comment.



Complete above steps for all lesions.

In the **Overall Details** section, the **Current Targeted Lesion Sum** should automatically calculate. When completing the first column for your baseline, no other sums or responses need to be completed.



You can skip down and complete the observations for **Tumor Measured By**, **Tumor Verified By**, and **Tumor Recorded By**.

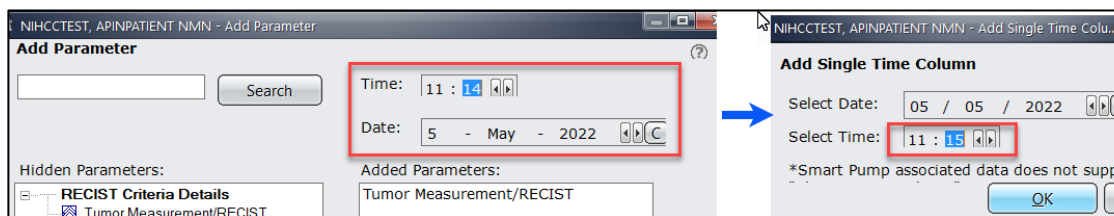
Select **Save**.

**\*IMPORTANT\***

You must add the parameter for a date and time that occurs **BEFORE** adding a time column. If you mistakenly add the time column first, the observation cells/column will display in yellow, indicating an incorrect time entry sequence (see right). The parameter must be 'active' before your documentation date/time.

For example: You are entering late nursing data/measurement that was done on May 5, 2022 for 11:15 am. In the **Add Parameter** window, change your date and time to 11:14. When adding a time column in the **Add Single Time Column**, enter your time as 11:15 so that the parameter time is **BEFORE** your time column.

RECIST Criteria Details	
Baseline/Follow-up	
<input type="checkbox"/> Lesion #	
	Non-targeted/Targeted
	Lesion Progression
	Modality of Measurement
	Contrast Used?
	Series/Image #
<input type="checkbox"/>	RECIST Diameter (cm)
	Date of Test/Clinical Assessment



## Workflow Process:

Enter a new single time column at each restaging. Complete all the information for **Measurement Details** and **RECIST Criteria Details**. Under **Overall Details** for *first restaging* (2nd column), you will add **Tumor Targeted Lesion Baseline Sum**. It will automatically calculate % Change From Baseline. You can then fill in RECIST Criteria Evaluation and complete **Tumor Measured By**, **Tumor Verified By**, and **Tumor Recorded By**.

Starting with *2nd Restaging* (3rd column), complete all the information for **Measurement Details** and **RECIST Criteria Details**. Under **Overall Details**, you can include the information for **Targeted Lesion Best Response Smallest Sum**. Note: the value from **Current Tumor Targeted Lesion Sum** should not be used as the **Targeted Lesion Best Response Smallest Sum** in the same time column (see example below).

	03/01/2018 15:16	04/20/2018 15:24	06/01/2018 14:26
RECIST Diameter (cm)	7.1	7.2	6.7
Date of Test/Clinical Assessment	03/01/2018	04/20/2018	06/01/2018
<b>Overall Details</b>			
<input checked="" type="checkbox"/> Current Targeted Lesion Sum	7.9	7.2	6.7
<input type="checkbox"/> Tumor Targeted Lesion Baseline Sum Use Only For Follow-Up		7.9	7.9
<input type="checkbox"/> Targeted Lesion Best Response Smallest Sum Use Only For Follow-Up			7.2
<input type="checkbox"/> % Change From Best Response Use Only For Follow-Up			-6.94
<input type="checkbox"/> % Change From Baseline Use Only For Follow-Up		-8.86	-15.19
RECIST Criteria Evaluation			
Targeted Lesion Response		Stable Disease=Anythi ▶	Stable Disease=Anythi ▶
Non-Targeted Lesion Response		Stable Disease=Anythi ▶	Stable Disease=Anythi ▶
Overall Response		SD= SD (T) + SD (NT)	SD= SD (T) + SD (NT)
Comments			
Tumor Measured By:	ANISH THOMAS	ANISH THOMAS	ANISH THOMAS

To discontinue a parameter (if a PI decides to no longer follow a particular lesion), right-click the parameter, select **Discontinue**. Select **date and time**. Select **OK**. The parameter will be present but displays grey (see screen shot below).

	Date of Test/Clinical Assessment
<input type="checkbox"/> Lesion #	ddd
	ddd
Non-targeted/Targeted	ddd
Lesion Progression	ddd
Modality of Measurement	ddd
Contrast Used?	ddd
Series/Image #	ddd
<input type="checkbox"/>	ddd
RECIST Diameter (cm)	ddd
	ddd
	Date of Test/Clinical Assessment

Please use this feature if/when your patient is coming off study and once all tumor measurement information have been entered. This is especially important if the patient is signing onto another NIH treatment study to avoid confusion between studies, even if you end up following any of the same lesions on the next study. If you select **Discontinue** by mistake, right-click the parameter and select **Reinstate**. The parameter will be reactivated.