SELF- GUIDED PRACTICE WORKBOOK [N28] CST Transformational Learning

WORKBOOK TITLE: Provider: Oncology (Workbook #2)





Last update: April 10, 2018 (v2)

TABLE OF CONTENTS

•	SELF-GUIDED PRACTICE WORKBOOK
•	Using Train Domain4
•	PATIENT SCENARIO 1 – LUAVPP – Order Management and Lifetime Cumulative Dosing5
	• Activity 1.1 – Adding individual orders and modifying an existing order
	• Activity 1.2 – Ordering Chemotherapy when Treatment Parameters are not met
	Activity 1.3 – PowerPlan Phases – Lab and Diagnostic
	Activity 1.4 – PowerPlan Phases – Scheduling
	Activity 1.5 – Prescriptions within a PowerPlan
	Activity 1.6 – Oral Chemotherapy Plan
	Activity 1.7 – Placing Referral and Consult Orders
	Activity 1.8 – Lifetime Cumulative Dosing41
	Activity 1.9 – Patients in Transition43
•	PATIENT SCENARIO 2 – Clinical Trials
	Activity 2.1 – Access Protocol Office Manager (POM)54
	Activity 2.2 - Find and Review a Protocol within POM
•	PATIENT SCENARIO 3 – Clinical Research Component and Tab within PowerChart58
	Activity 3.1 – Navigating the Clinical Research Tab of PowerChart
•	PATIENT SCENARIO 4 – Placing Research Orders62
	Activity 4.1 – Practice Activity
	• End Book Two

\$ SELF-GUIDED PRACTICE WORKBOOK

Duration	3hours
Before getting started	 Sign the attendance roster (this will ensure you get paid to attend the session) Put your cell phones on silent mode
Session Expectations	 This is a self-paced learning session A 15 min break time will be provided. You can take this break at any time during the session The workbook provides a compilation of different scenarios that are applicable to your work setting Work through different learning activities at your own pace
Key Learning Review	 At the end of the session, you will be required to complete a Key Learning Review This will involve completion of some specific activities that you have had an opportunity to practice through the scenarios.

🖬 Using Train Domain

You will be using the train domain to complete activities in this workbook. It has been designed to match the actual Clinical Information System (CIS) as closely as possible.

Please note:

- Scenarios and their activities demonstrate the CIS functionality not the actual workflow
- An attempt has been made to ensure scenarios are as clinically accurate as possible
- Some clinical scenario details have been simplified for training purposes
- Some screenshots may not be identical to what is seen on your screen and should be used for reference purposes only
- Follow all steps to be able to complete activities
- If you have trouble to follow the steps, immediately raise your hand for assistance to use classroom time efficiently
- Ask for assistance whenever needed



PATIENT SCENARIO 1 – LUAVPP – Order Management and Lifetime Cumulative Dosing

Learning Objectives

At the end of this Scenario, you will be able to:

- Manage Orders
- Add orders to a phase of Chemotherapy
- Re-order labs within a PowerPlan/Regimen
- Modify existing orders within a plan
- Order Dose Modifications within a PowerPlan
- Place an 'OK to proceed' order
- Review and add to the Lifetime Cumulative Dosing record
- Activate the lab phase of a PowerPlan

SCENARIO

The patient has been diagnosed with Advanced Non-Small Cell Lung cancer. She has completed Cycle 4 of LUAVPP in the outpatient chemotherapy clinic and is here for cycle 5. Her most recent laboratory results indicate an elevated creatinine and a platelet count of 99 x 10 ⁹/L which, according to the protocol, requires a delay in treatment. Since you are seeing her in the clinic on Friday and she is not scheduled for her treatment until Monday; you reorder the creatinine and place the 'Proceed With Treatment Based on Blood Work From' order. On Monday the patient's nurse calls you to report that the creatinine level remains elevated, you order a modification to the Cisplatin dose and add orders for hydration. Throughout the workbook you will be given more information on the patient enabling you to complete the activities.



Activity 1.1 – Adding individual orders and modifying an existing order.

You have learned how to review and update patient information. You have also learned how to place chemotherapy orders in the Clinical Information System (CIS). Another important task is being able to enter and manage orders outside of chemotherapy Regimens and Plans. The CIS offers more than one way to place orders for a patient. The best way to place an order is via the **Orders MPage** in the **Provider View.**

Use the patient assigned to you with the last name of: Oncology-PHYB

1

Several components are laid out side-by-side, for example, Triage, Medications, Labs, Imaging and New Order Entry.

< 🖂 🔹 者 Provider View							🖸 Full screen 🖷 Print	€ 0 minutes ago		
	Triage 🔀 Summary	83 C	Chemotherapy 🔀	Orders	🔀 Rounding S	× > +		۹ (≣•		
Venue: Outpatient -										
Triage =• 🔊	Medications	≣∙⊗	Labs	≡•⊗	Imaging	≡•⊗	New Order Entry 🕂	=- 💿 🔺		
⊿ Oncology New Patient Appointment	⊿ Analgesics		⊿ Hematology		⊿ ECG		Outpatient Prescriptions 🗸			
Oncology New Patient	No Favorites Found		PTT Blood, Routine, Order	r for future visit	Electrocardiogram 12 Lead			=		
Oncology New Patient Priority: Emergent -	⊿ Anticoagulants		INR Blood, Routine, Order	for future visit	∠ Echocardiogram		A You are currently viewing	a future		

2 Under each component, there are folders. For example, under **Labs** there is Chemistry. Folders contain individual orders with order details already specified as order sentences. For example: *Magnesium Level Blood, Routine, Order for future visit.* Components and folders can be collapsed or expanded by clicking the arrows a next to the folder.

< 👻 🕇 Provider View									
🏦 🗋 🚔 🍉 🔍 🤻 100% 🛛 🖌 🌑 🖷 🚰									
✓ Outpatient Chart Strategy Oncology *	Triage 🛛 🕅	Summary	23	Chemotherapy 🛛	Orders	×	Rounding		
Venue: Outpatient -	Venue: Outpatient								
Triage 🔤 🗧 🔿	Medication	ns	≣∙⊘	Labs	≡ 📀	Im	aging		
	Found		∠ Hematology PTT Blood, Routine, Orde	er for future visit	⊿ E Elec	:CG trocardiogram 12			
Oncology New Patient Priority: Emergent - ⊿ Anticoagulants				INR Blood, Routine, Orde	r for future visit	⊿E	chocardiogram		

Note: there will be a 'Personalization Fair' where providers will be able to add any additional New Order under the New Order Entry Component.



- 3 To place a new order:
 - 1. Ensure you are in the **Orders** MPage.
 - 2. Expand ECG under Imaging component to display available orders.
 - 3. Click 12 Lead Electrocardiogram to select.
 - 4. The CIS will keep the selected order in memory then you can continue placing other orders. The Orders for Signature icon turns green and displays a number corresponding with the amount of orders currently waiting to be reviewed and signed.

Orders	X	Rounding	X	+		4	۹ =-
	maging	_	≣∙⊘	New Order Entr	ry 🕂		=• 📀
	lectrocardiogram Echocardiogram	12 Lead	3	Search New O	rder		
	XR CT US			Personal Oncology Service	Public	Shared	
	NM MR			 PowerPlans, C Admission Ord 	hemotherapy lers		

- 5. Locate the Labs category and select Urine Culture under Urine Studies.
- 6. Click the Order for Signature 🔄 2 icon to complete the process.

< 🖂 🕆 者 Provider View							[□] Full screen	Print	€ 16 minutes ago	
At a l 100% - I O A Cology Triage 23 Summary 23 Chemotherapy Do 23 Orders 23 Rounding 23 + 22 S A E										
Venue: Inpatient 👻	Venue: Inpatient 👻									
Triage 🔤 = 🕤 🔿	Medications	≣∙⊘	Labs	≡•⊗	Imaging	≡- ⊘	New Order E	ntry 🕂	≡-⊗	
Oncology New Patient Appointment No Favorites Found Oncology Hold Referral Referral Information Request Hold Referral Pending: Path Review Referral Information Request Hold Referral Pending: Path Review Referral Information Request Hold Referral Pending: Appointment With Surgeon Referral Information Request. Hold Referral Pending: As Perspecial Instructions 4 Rejert Referral	Analgesics Anticoagulants Antiemetric Control terminis Controceteriods GCSF filgrastim 300 mcg, subcutaneous, q filgrastim 480 mcg, subcutaneous, q	daily daily	A Hematology PTT Blood, Routine, O INR Blood, Routine, O APTT Blood, Routine, O APTT Blood, Routine, O APTT Blood, Routine, U Stool Studies Jurine Studies Urine Culture Rout Visit Tumour Markers	rder for future visit der for future visit Order for future visit		lateral	Discharge Q Search New Person F Favorites Ambulatory 1)	/ Order Public S In-Office Fa	hared avorites (Misc	



4 In the Orders for Signature box, click **Modify** if you would like to make adjustments to order sentences or click **Sign** to complete the process.

Orders for Signature (2)			23
Laboratory			
Urine Culture (Routine, Order for future visit)			
Diagnostic Tests			
Electrocardiogram 12 Lead			
	Sign S	ave Modify (Cancel

Note: If you want to remove an order listed in the Orders for Signature box, hover the cursor over the order and click the (s) icon.

Once you click modify another screen will appear with modifications to be made (change the order sentence for 12 Lead ECG to Urgent). Then Click **OK**.

P Order Sentences	
Order sentences for: Electrocardiogram 12 Lead	
(None)	
Urgent	
T;N+120, Timed, 2 hours after initial	
T;N+240, Timed, 4 hours after initial	
T;N+360, Timed, 6 hours after initial	
Reset	Cancel



5

The Orders for Signature window now populates. The Sicon appears and if you hover to discover you will find this icon is letting you know that the order details are not complete.

P CSTPRODONC, JAY						
CSTPRODONC, JAY	DOB:07-Jan-2010	MRN:700001721	Code Status:		Process:	Location:LGH Chemo
	Age:7 years	Enc:700000003037			Disease:	Enc Type:Recurring
Allergies: morphine	Gender:Male	PHN:9878239303	Dosing Wt:60 kg		Isolation:	Attending:
🕂 Add 🦨 Document Medication by Hx Rec	onciliation 🛛 🚴 Chec	k Interactions				Reconciliation Status Meds History Admission Outpatient
Orders Medication List Document In Plan						
	Crders	for Signature				
View	8	🛛 😨 🖳 🕅 Order Nam	ne Status	Start	Details	
Orders for Signature	▲ LC	GH Chemo Enc:700000003	037 Admit: 08-Feb-2	017 15:26 PST		
TM AMB IVIG Immune Deficiency q3week	(prototype ⊿ La	boratory				
TM AMB IVIG Pre Treatment Plan		🔲 🗰 🖬 Urine Culti	ure Order	06-Dec-2017 14:48	Routine, Collection: 06-Dec-2017, once, Order	for future visit
Pre Treatment (Future)	E 4 D	inamostic Luci o n		PSI	SPECIAL COLLECTION REQUIREMENTS: Pleas	e refer to specific site Laboratory Test Manual.
TM AMB IVIG Immune Deficiency d3week	(prototype 2 0			ec-2017 14:48	06-Dec-2017 14:48 PST_Urgent	
Transfusion (Days 1) (Future)	Treatmen	Notifications:				
Next Cycle Labs (Days 1) (Planned)		Order details	are not complete.	antion		
Scheduling (Initiated)		B Click to see th	le Reference Text Inform	lation.		
ONCP GI GIFFIRB (Started)						
ONCP GI GIFFIRB Pretreatment Plan (Initi	iated)					
ONCP GI GIFFIRB - Cycle 1						
Chemotherapy (Day 1) (Completed)						
 Next Cycle Labs (Day 1) (Discontinued) 						
Scheduling (Initiated)						
- TM IVIg Transfusion Immune Deficiency q3	week Tran					
-ONCP GI GIFFIRB (Started)						
-ONC LY LYCHOP (Started)						
- TM IVIg Myasthenia gravis (MG) Every 3 Weel	ks (Started)					
ONC LY LYCHOP (Not Started)						
ONC BRAJECDT (Started)						
	-					
< III	•					
Diagnoses & Problems	De	etails				
Related Results	[F 0 1 1 1 0 1	5 N 5 1		
Variance Viewer	1 Miss	sing Required Details	s For Cosignature	ers For Nurse Heview		Sign Cancel



6 Click the order to open the Details window. **Note**: the option **Order for future visit** is already selected. Mandatory fields are marked with asterisk and yellow highlight. Add missing mandatory information and any other pertaining instructions.

P CSTPRODONC, JAY				
CSTPRODONC, JAY DOB:07-Ja	n-2010 MRN:700001	721 Code Status:	Process:	Location:LGH Chemo
Age:7 yea	s Enc:7000000	003037	Disease:	Enc Type:Recurring
Allergies: morphine Gender:M	ale PHN:9878239	9303 Dosing Wt:60 kg	Isolation:	Attending:
Add Document Medication by Hx Reconciliation + Orders Medication List Document In Plan	♦ Check Interactions			Reconciliation Status I Meds History 🔮 Admission ✔ Outpatient
	Orders for Signature			
View		Order Name Status	Start Details	A
Orders for Signature	△ LGH Chemo Enc:70	00000003037 Admit: 08-Feb-20	17 15:26 PST	
TM AMB IVIG Immune Deficiency q3week (prototype	△ Laboratory			E
TM AMB IVIG Pre Treatment Plan Pre Treatment (Future)		Jrine Culture Order	06-Dec-2017 14:48 Urine, Midstream, Routine, Coll PST SPECIAL COLLECTION REOUR	ection: 06-Dec-2017, once, Order for future visit MENTS: Please refer to specific site Laboratory Test Manual.
TM AMB IVIG Immune Deficiency q3week (prototype	⊿ Diagnostic Tests			T
Transfusion (Days 1) (Future) Next Cycle Labs (Days 1) (Planned) Cycle Labs (Days 1) (Planned)	■ Details for Urine ■ Details ● Order Co	Culture		
Scheduing (Initiatea) ONCP GI GIFFIRB (Started) ONCP GI GIFFIRB Pretreatment Plan (Initiated) ONCP GI GIFFIRB Pretreatment Plan (Initiated)	+ %	*		
Chemotherapy (Day 1) (Completed)	*Specimen Typ	e Urine, Midstream	✓ Specimen Descripti	ion:
Next Cycle Labs (Day 1) (Discontinued)	Special Reques	ts: Urine Indwelling catheter	*Collection Prior	ity: Routine 🗸
TM IVIg Transfusion Immune Deficiency q3week Tran	Unit Colle	t: Urine, Ileal Conduit	Collect	ted: 🔿 Yes 🔘 No
ONCP GI GIFFIRB (Started)	*Collection Date/Tim	Urine, In and Out Catheter e: Urine Midstroom	PST *Frequer	ncy: once 🗸
TM IVIg Myasthenia gravis (MG) Every 3 Weeks (Started)	Duratio	Urine, Pedi Bag	Duration	with
ONC LY LYCHOP (Not Started)	Durado	Urine. Vesicostomy	Duradon B	•
ONC BRAJFECDT (Started)	Order for future vis	it: 🖲 Yes 🛐 🔿 No		
ONC LY LYCHOP (Started)				
۰				
Diagnoses & Problems				
Variance Viewer	0 Missing Required Details	Orders For Cosignature	rs For Nurse Beview	Sign
variance viewer	Commonly required Decars			

Click **Sign** at the right bottom corner. The lab work requisition will be automatically printed. If you select one of the laboratories that have CIS access, the order will be placed in the queue and processed when patient visits the lab.

If you cannot locate the necessary order under any of the folders, go to the **New Order Entry** component and search for the order you need to enter. Ensure you are selecting the correct order with the appropriate order details.

For your practice place orders for sodium chloride 0.9% 1 L bolus fluid over 1 hour and an Electrolyte Panel (Na, K, Cl, CO2, Anion Gap). Hint: you will need to change from Outpatient Prescriptions to Outpatient since these orders are not available as a prescription. Complete the Order Details and Sign for the orders.

New Order Entry 🕂 📃 📀						
Outpatient 🗸						
		Change				
Q Search New C	Order	this.				

7



To Modify an order you have placed, you have to pay attention to the order Status.

- 1. From Provider View
- 2. Click on Orders
- 3. Click on the New Order Entry Component

🔷 🔹 🔹 👫 🛛 Provider View 🚹					🗇 Full screen 👘 Print 🗞 30 minutes age					
Outpatient Chart 🔀 Oncology T	Friage 🔀 Summary	⊠ Chemo	otherapy 🛛 Orders 2	🕅 Rounding 🕅 🕅 +	🖃 – 🖻 🔍 (=•					
Venue: Outpatient										
Triage ≡• 📀	Medications =	💵 🔗 🚺	abs 📃 = 📀	Imaging 🔤 - 🔊	New Order Entry +3 = 💿 🔶					
	⊿ Analgesics	Δ	Hematology	⊿ ECG	Outpatient 🗸					
Oncology New Patient	No Favorites Found	PT	T Blood, Routine, Order for future visit	Electrocardiogram 12 Lead						
Oncology New Patient Priority: Emergent -	⊿ Anticoagulants	IN	R Blood, Routine, Order for future visit	∠ Echocardiogram	Q Search New Order					
Within 24 hours, Physician Specialty: Medical	No Favorites Found	AP	PTT Blood, Routine, Order for future visit	No Favorites Found						
Oncology	⊿ Antiemetics	⊿	Chemistry	⊿ XR	Person Public Shared					
Oncology New Patient Priority: Routine -	No Favorites Found	Ur	rea Nitrogen Blood, Routine, Order for future	XR Chest	Favorites					
Within 2 weeks, Physician Specialty: Medical	⊿ Corticosteriods	visi	it	MG Mammogram Diagnostic Bilateral						
Oncology	No Favorites Found	Cre	eatinine Level Blood, Routine, Order for	MG Mammogram Screening	My Plan Favorites					
Oncology New Patient Priority: Emergent -	⊿ G-CSF	futi	ture visit	⊿ CT	🧭 Oncology Plans					

This will bring you to the Orders MPage.

On the left hand side of the screen you have the ability to filter orders by category(1) to make it easier to locate and narrow in on specific orders.

To modify an existing order you need to pay attention to the Status of the order. Orders that are in an 'Ordered' status (2) may not be able to be modified (Eg. Laboratory orders in an ordered status cannot be modified, and the core elements of a medication order in an ordered status cannot be modified), you may only be able to Cancel and Reorder (3) or Cancel and Discontinue (4). Right click on the Electrolyte order you placed to view your options.

< 👌 - 🏦 Orders					[0] Full screen	@Print @19 minute
+ Add 🖨 Document Medication by Hs Reconciliation • 🔊 O	heck Interactions				Reconcilation Stat Meds History	us 4 Admission 🗸 Output
Orders Medication List Document In Plan						
View	Displayed All Active Orders F	All Inactive Deber LAT Active Orders				Street Mana Digita
Scheduling (Initiated)	· [& [].	P Order Name	Status Dose Details		Ordering Physician	Order Comment
Chemotherapy (Day 1) (Future) Next Cycle Labs (Day 1) (Future)		In B bevaciournab B Zero Time	Future 57 mg, N intermitte Future day of treatment, 20	int, day of treatment, drug form: inj, start: 20. 017-Jan-24, 2017-Jan-25, Future Order, Day 1.	 TestUser, OncologistHematologist-Physician, MD TestUser, OncologistHematologist-Physician, MD 	Target Dose: beva
Scheduling (Initiated) ONCP GL GIFFIR8 - Cycle 5	a Laboratory	00 DE Electrolides Parel (Na, K, O, CO2, Ar	Renew	-3017 15:35 (PST) ence	TestON, DecologistHematologist-Physician, MD	
Chemotherapy (Day 1) (Discontinued) Next Cycle Labs (Day 1) (Completed)		Belief Differential (CBC and Differential Belief Differential (CBC and Differential	Future Modily	coord 2017-sep-27 1401 PD1, . c-2017, once, Order for future .	 TestON, OncologistHematologist-Physician, MD TestON, OncologistHematologist-Physician, MD TestON, OncologistHematologist-Physician, MD 	
Scheduling (Initiated) Suggested Plans (0)		Bin Differential (CBC and Differential)	Foture Cancel and Reorder	-2017, once, Order for future - -2017, once, Order for future -	 TestON, Oncologist/Hematologist-Physician, MD TestON, OncologistHematologist-Physician, MD TestON, OncologistHematologist-Physician, MD 	
Orden		Platelet Count	Future Sutpend 3	:-2017, once, Order for future :-2017, once, Order for future	TestON, OncologistHematologist-Physician, MD TestON, OncologistHematologist-Physician, MD	
Status Patient Care		ເຮັດໃຈ" Platelet Count ເຮັດໃຈ" Differential (CBC and Differential)	Future Complete	-2017, once, Order for future -2017, once, Order for future	TestON, OncologistHematologist-Physician, MD TestON, OncologistHematologist-Physician, MD	
Ciet/Nutrition	8. II	INR and PTT Panel 66° Creatinine Level	Proposal Future (Or Void	t-2017 15:08 PDT, once :-2017, once, Order for future	TestON, OncologistHematologist-Physician, MD . TestON, OncologistHematologist-Physician, MD	
Continuous Infusions		ele" Unine Culture PTT	Future (Oi Future (Oi Reschedule Task Times	tion: 06-Dec-2017, once, Orde. v-2017, once, Order for future -	TestON, OncologistHematologist-Physician, MD TestON, OncologistHematologist-Physician, MD	SPECIAL COLLECT.
Blood Products	1	PTT	Future (O Add/Modify Compliance Future (O	v-2017, once, Order for future . v-2017, once, Order for future .	TestON, OncologistHematologist-Physician, MD TestON, OncologistHematologist-Physician, MD	R
Diagnostic Tests		 Group and Screen Immunoglobulin Panel (IgA, IgG, IgF 	Future (0) Committee	v-2017, once, Order for future . v-2017, once, Order for future .	TestON, OncologistHematologist-Physician, MD TestON, OncologistHematologist-Physician, MD	
Respiratory		Platelet Count Differential (CBC and Differential)	Future Results Future Reference Information	Vov-01, once, Order for future . Vov-01, once, Order for future .	TestON, OncologistHematologist-Physician, MD TestON, OncologistHematologist-Physician, MD	
Consults/Referrals		Bilrubin Total Differential (CBC and Differential)	Future Print	t-2017, once, Order for future	TestON, OncologistHematologist-Physician, MD TestON, OncologistHematologist-Physician, MD	Day 8
Supplies New Categorized		Platelet Count Differential (CBC and Differential)	Future Advanced Filters	t-2017, once, Order for future ction: 2017-Oct-23, once, Ord.	TestON, OncologistHematologist-Physician, MD TestON, OncologistHematologist-Physician, MD	Days 1 and 8
Understand listery 1		Creamine Level Platelet Count Accentula Aministrandence	Future Visable Order Information Hyper	tink ction: 2017-Oct-23, once, Ord.	 TestON, OncologistHematologist-Physician, MD TestON, OncologistHematologist-Physician, MD TestON, OncologistHematologist-Physician, MD 	Days 1 and 8



If an order is in a 'Future' status (6), you have the ability to modify the order details (7).

_						
	<i>≫</i>	*	8	Order Name	Status	Dose Details
►			ba 🖬	bevacizumab	Future	57 mg, IV intermittent, day of trea
►			.	Zero Time	Future	day of treatment, 2017-Jan-24, 20
⊿	Laborat	огу				
	ځ.	\checkmark	66^ 🖬	Electrolytes Panel (Na, K, Cl, CO2, Ani	Ordered	Blood, Routine, Collection: 06-De
►		\checkmark	8	Differential (CBC and Differential)	Ordered	Blood, Routine, Unit collect, Colle
Þ			<mark>≹</mark> 66∕	Differential (CBC and Differential)	Future	
►			🛃 66°	Platelet Count	Future	6 Renew
►			💽 66°	Differential (CBC and Differential)	Future	Modify
►			💽 66°	Platelet Count	Future	Copy 7
►			🛃 66°	Platelet Count	Future	Consultant Deceder
►			💽 66°	Differential (CBC and Differential)	Future	Cancel and Reorder
►			💽 66°	Platelet Count	Future	Suspend
►			💽 66°	Differential (CBC and Differential)	Future	Activate
	`ئ		0	INR and PTT Panel	Proposal	Complete
			60	Creatinine Level	Future (O	complete
			66^ 🖬	Urine Culture	Future (O	Cancel/Discontinue
				PTT	Future (O	Void
				PTT	Future (O	
				PTT	Future (O	Reschedule Task Times
			>	Group and Screen	Future (O	Add/Modify Compliance
			>	Immunoglobulin Panel (IgA, IgG, IgM)	Future (O	
►			8	Platelet Count	Future	Order Information
►			.	Differential (CBC and Differential)	Future	Comments
►			8	Bilirubin Total	Future	Populte
►			.	Differential (CBC and Differential)	Future	itesuits
►			8	Platelet Count	Future	Reference Information
►			8	Differential (CBC and Differential)	Future	Print +
•				Creatinine Level	Future	
Þ			8	Platelet Count	Future	Advanced Filters
			8.	Aspartate Aminotransferase	Future (O	Customize View
			.	Urinalysis Macroscopic (dipstick)	Future (O	J Disable Order Information Hyperlink
			•	6	F	 Disable of definition nation Hyperlink

Note: Once you have selected your option continue to reconcile the order details and sign for the changes you have made.

Key Learning Points

- The Orders MPage lists the most frequently used orders and is recommended for placing orders outside of the PowerPlan/Regimen.
- Select the predefined order sentence to enter all necessary order details.
- The CIS will prompt you if any required details are missing.
- Mandatory information is marked by an asterisk and yellow background.
- You can Modify or Cancel existing orders depending on the order status.



Activity 1.2 – Ordering Chemotherapy when Treatment Parameters are not met

Remember the patient is now returning for Cycle 5 of treatment. Therefore, we will be accessing the Regimen placed back at the start of treatment to order the PowerPlan associated with this cycle.

From the **Menu** within the patient's chart, click on **Orders**. From the **Orders** screen, scroll through the **View** tab of the navigator to find the Regimen/PowerPlan orders. Click on the **Regimen** to open the plan details.

Menu P	< 🔹 🕆 者 Orders
Provider View	+ Add 🚽 Document Medication by Hx Reconciliation
Oncology Results Review	Orders Medication List Document In Plan
Orders 🕂 Add	II
Medication List 🔹 🕂 Add	View
Documentation 🛉 Add	ONC LU LUAVPP (Started)
	ONCP LU LUAVPP - Cycle 1
Allergies 🕂 Add	Chemotherapy (Day 1) (Completed)
Diagnoses and Problems	Scheduling (Initiated)
Histories	ONCP LU LUAVPP - Cycle 2

2

1

The plan details view displays the last cycle administered, including any dose modifications. Click on the down arrow to open up all of the Powerplans within the **Regimen**.

ONC LU LUAVPP (Started)			
Show additional details			
🥥 🕂 Add 🛅 Document Respons	View Responses		
ONCP LU LUAVPP - Cvcl	In Proce	ess	Start Date: 2018-Jan-03 14:01 PST 🔺
ONCP LU LUA	In Proce	ess	Start Date: 2018-Jan-03 14:03 PST
⊖LU LUAVPP			≣∙
ONCP LU LUAVPP - Cycle 1 Cycle 1 Jan 3, 2018 compare	e ONCP LU LUAVPP - Cycle 2 Cycle 2 Jan 3, 2018 compare	ONCP LU LUAVPP - Cycle 3 Cycle 3 Jan 3, 2018 compare	ONCP LU LUAVPP - Cycle 4 Cycle 4 Jan 16, 2018 compare
Details	Details	Details	Details
✓ Protocol ONCP LU LUAVPP - Cycle 4			
75 mg/m2 🗸	CISplatin 60 mg/m2 (93 mg), 20% reduction,	Nephrotoxicity - Chemotherapy (Day 1), Da	ay 1 - IV, No, once oncology
	Zero Time None, once oncology - Chemotherap	y (Day 1), Day 1	



3 Prior to clicking on the Start button, de-select the Copy Forward details; you do not wish to dose reduce the Cisplatin for Cycle #5. Click on the start button.



4

Review the details in the Add Plan window and click OK.

ONCOLOGY-PHYB, TANYA -	Add Plan	
NCP LU LUAVPP		
inter Cycle		
S Last ordered: ONCP LU LUAVPI by Train, Oncolog	 Cycle 4 istHematologist-Physician1, MD on 2018 	3-Jan-16 14:19 PST
elect Visit and Start Time		
This Visit	Estimated Start Date of Chemotherapy	γ (Day 1)
Future Inpatient Visit	In Day(s)	
Future Outpatient Visit	In Week(s)	
	In Month(s)	
	Est. start 06-Feb-2018 🚔 💌 0800) 🌩 PST
Confirm Phase Action		
Phase	Start Date/Time	Action
⊞ Chemotherapy (Day 1)	*Est. 2018-Feb-06 08:00 PST	Order for future visit 🔹
Next Cycle Labs (Day 1)	*Est. 2018-Feb-25 08:00 PST	Order for future visit
Scheduling	2018-Feb-06 08:00 PST	Order now 💌
dditional Paview Settings		
Review Required		
Review Provider		
	件	
		OK Canad



5 The Chemotherapy Phase orders will display. Based on the lab results that you viewed in **CareConnect**, platelet count of 99 x 10 ⁹/L, and creatinine of 74umol/L, you check the box for the **Proceed With Treatment Based on Blood Work From** order and then double click on the order to add details. Complete the details and add and order comment now.

ON	ONCP LU LUAVPP - Cycle 5, Chemotherapy (Day 1) (Future Pending) *Est. 2018-Feb-06 08:00 PST							
	0	**7	C	Day 1 Future Pending				
	0.4	٢	Component		*Est. 2018-Feb-06 08:			
		Planned						
			Pre-Chemo Metrics					
֯:			🜇 Neutrophil - Greater Than or Equal 1.5 x10 9/L	-96 hr	Planned			
÷Q:			🌇 Neutrophils - Greater Than or Equal 1.50 x10	-96 hr	Planned			
\$			🜇 Platelet Count - Greater Than or Equal 100 x1	-96 hr	Planned			
			protocol					

Close the **Details** view.

Details for Proceed With Treatment Based on Blood W	Vork From
📸 Details 🍺 Order Comments	
Requested Start Date/Time: 07-Feb-2018 💌 💌 0800 🏔 PST	*Alternate Date for Lab: day of treatment

ONCP LU LUAVPP - Cycle 5, Chemotherapy (Day 1) (Future Pending) *Est. 2018-Feb-07 08:00 PST - 21 Days							
	∞ ♥ Component		Component	Day 1 Future Pending *Est. 2018-Feb-07 08: Actions			
		8	Proceed With Treatment Based on Blood Work From	Disport			
■ Details for Proceed With Treatment Based on Blood Work From							
Order comments							
W	Will repeat serum creatinine level on day of treatment. Platelet level of 99 today is OK to proceed with treatment.						



6 Scroll down to review all orders within the phase. Select the **Dose Calculator Icon** for the 1st weight (BSA) based medication.



7 Review the details in the dose calculator and click **Apply Dose**.

osage Calculator				×
pemetrexe	d - oncol	οαν		
Dose Values	u 011001	~9)		
1) Target dose:	500	mg/m2	•	Dose Forms Order Comments
2) Calculated dose:	775	mg		In 100 mL NS over 10 minutes (may be given during prehydration). Day 1
3) Dose Adjustment:	775	mg 100 🚔	%	
4) Final dose:	775	mg 500	mg/m2	
5) Standard dose:		mg	mg/m2	
6) Rounding rule:	No rounding		•	
7) Adjust Reason:				×
8) Route:	IV			•
Reference Data				
Date of birth:	20-Jan-1951	≑ 👻 (66 Years)		
Sex:	Female 👻]		
Ethnicity:	•]		
Height:	157	cm	Source:	15Jan-2018 8:53 157.00 cm Height/Length Measured 🔹
Actual weight:	55	kg	Source:	15-Jan-2018 8:53 55.000 kg Weight Dosing 👻
Adjusted weight:	55	kg	Adjustment:	Actual (no adjustment)
Serum creatinine:	83.0	ma/dl	Source	15. Jan 2019 0-20 D CC mg/dl Crastining
CrCl (est.):	70.66	ml/min	Algorithm:	
0.01 (000.).	10.00	- MET MAT	Weight Used for CrCl:	Actual weight 55 kg
Body surface area:	1.55	m2	Algorithm:	Mosteller V
Last Dosp Calculat	ion			
	1011			
Formulae Standa	rd Dose Reference]		Apply Standard Dose Cancel

8



Review the order details and then minimize this view by clicking on the down arrow. Move onto checking the next medication.

•	Details for pemetrexed (pemetrexed - oncology)								
2	Details 🗊 Order Comme	nts							
	🕇 🔓 hi. 🛛 본 🟹								
	*Dose:	775	*Dose Unit:	mg 🗸]				
	*Route of Administration:	N ~	*Frequency:	once oncology 🗸 🗸]				
	PRN:	🔿 Yes 💿 No	PRN Reason:	×]				
	Administer over:	10	Administer over Unit:	minute 🗸]				

Note: The orders will appear in bold print in the order profile once you have applied the dose in the dose calculator.

2 ho

9	Click	Orders For Signature	Click	Sign	Click refresh	- R
-	Onon		. 0101			

To place the order for the serum creatinine level. Select the **Provider View** (1) from the **Menu**, Select the **Orders Mpage** (2) and select the Creatinine level (3) order from the **Lab** component.

Click on the Orders for Signature Cart (4). Review your orders and click Sign. The lab req will print automatically. Please give this to the patient.

Menu	Ą	< 🔹 🕇 Provider View	🕻 🔉 🔸 Provider View				
Provider View 1) (}			•	
Oncology		Outpatient Chart 🔅 Oncology Triage	e 🛛 Summary 🕅	Chemotherapy Dosing 🛛 🕅 Orders 🥥	X Rounding X	+ 4 1	
Results Review							
Orders	🕈 Add	Venue: Ambulatory - In Office (Meds in Office)	▼				
Medication List	🕂 Add						
Documentation	🕈 Add	Triage =• 💿	Medications =• 📀	Labs = 🔗	Imaging 🔤 📀	New Order Entry 🕂	
		⊿ Oncology New Patient Appointment	► Analgesics	⊿ Hematology	⊿ECG	Ambulatory (Meds as Rx) 🗸	
Allergies	🖶 Add	Oncology New Patient	Anticoagulants	PTT Blood, Routine, Order for future visit	Electrocardiogram 12 Lead		
n: 10 11		Oncology New Patient Priority: Emergent - Within	⊿ Antiemetics	INR Blood, Routine, Order for future visit	► Echocardiogram	A You are currently view	
Diagnoses and Problems	\$	24 hours, Physician Specialty: Medical Oncology	No Favorites Found	APTT Blood, Routine, Order for future visit	⊿XR	encounter. Any order you	
Histories		Oncology New Patient Priority: Routine - Within 2	▶ Corticosteriods	⊿ Chemistry	XR Chest	to this encounter.	
MAR Summany		weeks, Physician Specialty: Medical Oncology	⊿ G-CSF	Urea Nitrogen Blood, Routine, Order for future visit	MG Mammogram Diagnostic Bilateral		
		Oncology New Patient Priority: Emergent - Within	filgrastim 300 mcg, subcutaneous, gdaily	Creatinine Level Blood, Roger, Order for	MG Mammogram Screening	Q Search New Order	
MAR		24 hours, Physician Specialty: Radiation Oncology	filgrastim 480 mcg, subcutaneous, gdaily	future visit	▶ CT	Porcon Public	



11 The Nurse calls you on Monday to report that the Patients' serum creatinine remains elevated and that according to protocol the Cisplatin dose should be reduced to 80%. You open up the patient's chart and Navigate to **Orders** (1) from the Menu. Select the Chemotherapy phase for cycle 5 (2). Select **Add to Phase** (3) and select **Add Order** (4).

Orders 🚹 🛛 🕂 Add		I	8	0	+ A	dd to Phase - Comments			
Medication List 🕂 Add	View ONCP LU LUAVPP - Cycle 2	*	ON Las	CP LL t upd		Add Order.) (Future) *Est. 201 n. OncologistHema	18-Feb-06 atologist-F	08:00 PST - 2018-Feb-0 'hysician1. MD
Documentation T Add	- Chemotherapy (Day 1) (Completed) - Next Cycle Labs (Day 1) (Initiated) - School Jine (Initiated)					Add Outcome / Intervention Add Prescription			Day 1 Future
Allergies 🕂 Add	ONCP LU LUAVPP - Cycle 3				-	Add Day of Treatment			*Est. 2018-Feb-06 08: Activate Actions 🔻
Diagnoses and Problems Histories	Chemotherapy (Day 1) (Completed) Next Cycle Labs (Day 1) (Initiated)	E			6	Proceed With Treatment Ba Will repeat serum creatinine lev	sed on Blood Work I el on day of treatme	From nt. Platel	හි Future (On Hold)
MAR Summary	Scheduling (Initiated)					Pre-Chemo Metric:	s or Equal 1.5 x10 9/L	-96 hr	No Results
MAR Form Browner	Chemotherapy (Day 1) (Initiated) Next Cycle Labs (Day 1) (Future)					Neutrophils - Greater Than	or Equal 1.50 x10 an or Equal 100 x1	-96 hr -96 hr	No Results No Results
Patient Information	Scheduling (Initiated)					Greatinine Clearance parameters	and follow specific	protocol	
Interactive View and I&O	Chemotherapy (Day 1) (Future)					Pre-Medications Patient to take own supply	of pre-medications.		
Lines/Tubes/Drains Summary Growth Chart	Scheduling (Initiated)					KN/Pharmacist to confirm. dexamethasone 4 mg BID fo Patient to take aprenitant 80	Patient to take or 3 days starting Day) mg PO once daily i	y 1. in the	
Immunizations	Document In Plan					morning on days 2 and 3.	ing to once daily i		

12 Place an Order for Post Treatment Hydration.





13 Complete the details in the Add to Treatment Periods window and click **OK**. And click **Done**.



14 Now you are back at the Cycle 5 orders. Scroll to the bottom to find your hydration order; double click on it to complete the order details.



15 Within the Order Details window select **Order comments**, to indicate that this is to be given as post treatment hydration.

▪ Details for sodium chloride 0.9% (sodium chloride 0.9% (NS) bolus)										
Petail: 📴 Order Comments										
Order comments										
Please administer post Cisplatin infusion.										



16 Now you wish to modify the dose of Cisplatin. Right click on the Cisplatin Order and select Modify.



17 Select the **Dose Calculator Icon** from the **Details** window.

≖ Details for CISplatin (CISplatin - oncology)									
Details Order Comments									
+ 🔂 III. 🔍 🔍									
*Dose:	116.25	*Dose Unit							
*Route of Administration:	N -	*Frequency							
PRN:	🔿 Yes 💿 No	PRN Reason							



18 Set the **Dose Adjustment** percentage (1) to 80 and complete the **Adjust Reason** (2). And click **Apply Dose**.

2) Calculated dose:	75 116 25	mg/m2	•	Dose Forms Order Comments	potassium chloride 20 mE g.
3) Dose Adjustment:	93	ma 80	a 📶	magnesium sulphate 1 g and mannitol 30 g	over 60 minutes. Day 1
4) Final dose:	93	mg 60	mg/m2	Target Dose: CISplatin - oncology 75 mg/n	n2 2018-Jan-16 16:12:38
5) Standard dose:		mg	mg/m2		
6) Rounding rule:	No rounding		-		
7) Adjust Reason:	Nephrotoxicity		2 -	*	Ŧ
8) Route:	IV				
Ethnicity: Height:	157	cm	Source:	15Jan-2018 8:53 157.00 cm Height/Length Measure	d 🔻
Actual weight:	55	kg	Source:	15 Jan-2018 8:53 55.000 kg Weight Dosing	Ŧ
Actual weight: Adjusted weight:	55 55	kg kg	Source: Adjustment:	15Jan-2018 8:53 55.000 kg Weight Dosing Actual (no adjustment)	* *
Actual weight: Adjusted weight: Serum creatinine:	55 55 0.68	kg kg mg/dL	Source: Adjustment: Source:	15Jan-2018 8:53 55.000 kg Weight Dosing Actual (no adjustment) 15Jan-2018 8:30 0.68 mg/dL Creatinine	•
Actual weight: Adjusted weight: Serum creatinine: CrCl (est.):	55 55 0.68 70.66	kg kg mg/dL mL/min	Source: Adjustment: Source: Algorithm:	15-Jan-2018 8:53 55.000 kg Weight Dosing Actual (no adjustment) 15-Jan-2018 8:30 0.68 mg/dL Creatinine Cockroft-Gault (Actual Weight)	* *
Actual weight: Adjusted weight: Serum creatinine: CrCl (est.):	55 55 0.68 70.66	kg mg/dL mL/min	Source: Adjustment: Source: Algorithm: Weight Used for CrCI:	15Jan-2018 8:53 55.000 kg Weight Dosing Actual (no adjustment) 15Jan-2018 8:30 0.68 mg/dL Creatinine Cockroft-Gault (Actual Weight) Actual weight	▼ ▼ 55 kg
Actual weight: Adjusted weight: Serum creatinine: CrCl (est.): Body surface area:	55 55 0.68 70.66 1.55	kg kg mg/dL mL/min m2	Source: Adjustment: Source: Algorithm: Weight Used for CrCl: Algorithm:	15Jan-2018 8:53 55.000 kg Weight Dosing Actual (no adjustment) 15Jan-2018 8:30 0.68 mg/dL Creatinine Cockroft-Gault (Actual Weight) Actual weight Mosteller	▼ ▼ 55 kg

Note: You can manually enter the Serum Creatinine and it will calculate the Creatinine Clearance.



🥡 🚫 🕂 Add to Phase 🗸 🛄 Comments

ONCP LU LUAVPP - Cycle 5, Chemotherapy (Day 1) (Future) *Est. 2018-Feb-06 08:00 PST - 2018-Feb-0 Last updated on: 2018-Jan-16 16:29 PST by: Train, OncologistHematologist-Physician1, MD

					Day	1							
				Component	Future								
	09		1	Component	*Est. 2018-Feb-06 (
					💡 Activate	Actions 🔻							
				🐣 Treatment Regimen									
			66	🍞 Zero Time	661	0 hr							
				once oncology, 2018-Feb-06, Future Order, Day 1, -1	Futu	ire							
			<u>`@6</u> 6^	💙 pemetrexed (pemetrexed - oncology)	60	0 min							
				775 mg, IV, once oncology, administer over: 10 minute, drug	Futu	ire							
				In 100 mL NS over 10 minutes (may be given during prehydr									
			<u>`@66</u> ^	🔭 CISplatin (CISplatin - oncology)	<u>`</u> @66'	+60 min							
				93 mg, IV, once oncology, administer over: 60 minute, drug	Futu	ire							
			- -	In 500 mL Sodium Chloride 0.9% (NS), with potassium chlori									
				20% reduction, Nephrotoxicity									
				G PLACEHOLDER TOT CISPIATIN/mag/mannitol/K IV set									
			661	🔊 sodium chloride 0.9% (sodium chloride 0.9% (NS) bolus)	661								
				1 I IV									

Key Learning Points

You are able to modify 'future' orders.

- Orders can be added to phases within a Powerplan / Regimen.
- Cycles are built to copy/forward. If you modify an order or add an order to a phase and do not wish it to copy/forward, deselect the copy/forward box within the cycle.
- If the treatment parameters are outside of range and you would like the patient to proceed with treatment a new "Ok to proceed with treatment" order will need to be placed.



Activity 1.3 – PowerPlan Phases – Lab and Diagnostic

Please recall from Workbook #1 that Oncology PowerPlans are groups of orders categorized by phases, such as Chemotherapy, labs, diagnostics, prescription and scheduling which allow for orders within phases to be processed at different time points. The chemotherapy, diagnostic, and lab phases are future orders which require order completion (final doses) and activation. The scheduling and prescription phases are set to order now allowing for chemo appointments to be scheduled in advance and prescriptions to be processed and picked up now.

1

We will now review the **Lab Phase** of the Regimen. Find the **Next Cycle Labs** within the Regimen and click to review the lab orders.



Modify lab orders as needed.

Note: When you sign the Powerplan, the lab order(s) will change to a future state and the requisition will be automatically printed and will need to be given to the patient to present for a future lab visit.



2 Some Powerplans (dependent on protocol requirements) will also include a **Diagnostic** phase. To review the orders in a Diagnostic phase you would follow the same steps as you did to review the lab phase.

Here are some screen shots of a Powerplan that includes a **Diagnostic** phase.

		T	0	- T	Add to Phase 🔻 🔛 Comments	
View	Ē	ON		DD	PAIACTC Cusles 1 to 4 Cusle 1 Disgnastics (Days 1) (Plana	ad) *Eat 06 Dec 2017.09
Orders for Signature		Lact		d ate	d on: 05-Dec-2017 16:35 PST by: TestON OncologistHem	atologist-Physician MD
ONC BR BRAJACTG (Started)		Ale	rts la	ast c	hecked on 05-Dec-2017 16:35 PST by: TestON, Oncologistitein	lematologist-Physician, ND
ONCP BR BRAJACTG Pretreatment Plan (Initiated)						Davs 1
ONCP BR BRAJACTG Cycles 1 to 4 - Cycle 1			S	Ÿ		Planned
Chemotherapy (Day 1) (Future)					Component	*Est. 06-Dec-2017 08:
Next Cycle Labs (Day 1) (Fature)						Actions 🔻
Diagnostics (Days 1) (Planned)					NM MUGA	
		-			T;N	
Plans					Day 1	
- Document In Plan	Ξ				🔭 EC Echocardiogram	
Suggested Plans (0)					T;N	
Orders					Day 1	

Note: You are able to select diagnostics here by clicking box to the left of the order. Complete the missing required order details. Recall from previous learning missing order details are

denoted with the 😢 icon (1). Yellow fields indicated with an asterisk are required.

✓ Details for NM MUGA		
📸 Details 🕞 Order Comments 🛞 Offset Details		
🛨 🖀 lh. 👂 🗧		
Requested Start Date/Time: ************************************	*Priority:	Routine
*Reason for Exam:	Special Instructions / Notes to Scheduler:	
*Pregnant: C Yes C No		
*Breastfeeding: C Yes C No	*Weight (kg):	63
Provider Callback Number:	Special Handling:	~
CC Provider 1:	CC Provider 2:	
CC Provider 3:	*Scheduling Location:	v
Urders For Cosignature Urders For Nurse Heview Save as My Favorite	-5 <mark>9</mark> 7-	Initiate :: :: :: :: :: :: ::::::::::::::::::

Once the diagnostic order has been signed the order will be sent to Radiology to schedule the patient.



Key Learning Points

Lab phase orders are placed in a future status and the printed requisition must be given to the patient.

Diagnostic orders, once signed, are sent to the Radiology department for scheduling.



Activity 1.4 – PowerPlan Phases – Scheduling

Next we will review the scheduling phase within the Regimen. Click on the **Scheduling** phase within the Regimen.



1

Hover over the scheduling order to view the order details.

					[□] Full screen 👘	Pr
er	actions				Reconciliation Status ✓ Meds History 🕴 Ad	Im
1	🥳 Activate 🐐 🚫 🕂 Add to Phase - 🚨 Comments Start: 06-D	ec-2017 08:00 PST	Stop: 1	None	m	_
	🔊 🕅 Component	Status	Dose	D	etails	
	ONCP BR BRAJACTG Cycles 1 to 4 - Cycle 1, Scheduling (Initiated)					
Ш	Last updated on: 05-Dec-2017 16:35 PST by: TestON, Oncologist/H	ematologist-Physicia	an, MD			
	🔲 🧰 📝 Infusion Chemotherapy Visit	Future (On Hold)		0 D	6-Dec-2017, ONCP BR BRAJACTG Cycles 1 to 4 - Cycle 1, Routine (less than 2 weeks), Shceduling ay 1	g I
				1	infusion Chemotherapy Visit	Π
					Details: D6-Dec-2017, ONCP BR BRAJACTG Cycles 1 to 4 - Cycle 1, Routine (less than 2 weeks), Shceduling Instructions: Add 15 minutes to Nurse and Chair time for Cycle #1, 115 minutes, 60 minutes Order Comment: Dav 1	
					, ,	

To change the orders to scheduling, double click on the order which will open up the order details screen.



The **Scheduling Priority** field within the Infusion chemotherapy visit order is defaulted to **Routine (less than 2 weeks).** Use the **Scheduling Priority** drop down menu to change the scheduling priority if needed.

	»	8	Compone	nt	_					
ONC	P LU L	UAVPP	- Cycle 5, Sche	duling (Ini	itiated)					
Last	update	ed on: 2	018-Jan-17 09	:55 PST	by: Train	, Oncologis	tHemato			
		600, 📷	Infusion C	Chemother	apy Visit					
Details for Infusion Chemotherapy Visit										
r 🗗	😭 Details 🌐 Order Comments 🕼 Offset Details									
•	+ ≅ lh. ↓≈									
*R	Reques	ted Sta	rt Date/Time:	07-Feb-20	18	- -	800			
		Ordei	ed Treatment:	ONCP LU	J LUAVPI	P - Cycle 5	~			
		*Sched	uling Priority:	Routine (less thar	n 2 weeks)	~			
		Const	Instructions	Urgent (le	ess than	1 week)				
		speci	ar instructions:	Routine (less than	2 weeks)				
				As Per Sp	ecial Ins	tructions				

Note: While the Scheduling Priority appears in the order details window for all cycles, and is defaulted to Routine (less than 2 weeks), **this should not be adjusted for Cycle 2 onwards**; scheduling clerks will be taught to schedule the recurring encounter appointments according to the Regimen.

The **Book Follow-up** appointment field will be defaulted to schedule the patient's follow up visit the day prior to the start of the next cycle. Use the drop down menu to change when the patient's follow up appointment should be scheduled. If no follow up appointment is needed in between cycles select **(None).** (Ex: When ordering multiple cycles of GI FFIRB and no follow up appointment is needed in between cycles).

Details for Infusion Cher	motherapy Visit	(This will be defaulted to	
🚰 Details 🗊 Order Comments 🕼	Offset Details		Day prior to start of next	
+ * III. ♥≥			cycle.	
*Requested Start Date/Time: 07-F	Feb-2018	🌩 PST	Day o nt:	Day 1 🗸
Ordered Treatment: ON	NCP LU LUAVPP - Cycle 5 🔹 👻		Alternate Scheduling Loc 1:	~
*Scheduling Priority: Rou	outine (less than 2 weeks)		Book Follow-Up:	
Special Instructions:			*Chair Time:	(None)
				Day prior to start of next cycle
			*Nurse Time:	2 weeks
Order Location: LG	iH 4W 🗸		Reason For Exam:	3 weeks
				8 weeks
Orders For Cosignature Orders For Nu	urse Beview Save as My Eavorite	1		12 weeks
		1		As per Special Instructions



At this time, you may also choose an **Alternate Scheduling Location.** This may be the case if you are seeing the patient for a follow up visit in LGH, and the patient is going to be receiving their infusion at SGH. Click on the **Alternate Scheduling Location** and select the site that the patient is to be scheduled to.

■ Details for Infusion Cl	nemotherapy Visit			
Details 🕞 Order Comments) 🕒 Offset Details			
+ 2 lh. IV				
*Requested Start Date/Time:	07-Feb-2018 📄 💌 0800	PST	Day of Treatment:	Day1 🗸
Ordered Treatment:	ONCP LU LUAVPP - Cycle 5		Alternate Scheduling Location:	~
*Scheduling Priority:	Routine (less than 2 weeks)		Book Follow-Up:	·
Special Instructions:]	*Chair Time:	(None) Day prior to start of next cycle
			*Nurse Time:	2 weeks
Order Location:	LGH 4W		Reason For Exam:	3 weeks 4 weeks
				8 weeks
Orders For Cosignature Orders F	for Nurse Review] [Save as My Favorite	•		12 weeks
				As per Special Instructions



Within the order profile screen you can now see the orders within the first day of treatment have changed from a "**Planned**" status to a "**Future**" status.

+ Add T Document Medication by Hx Reconciliation -	🔊	Check I	ntera	actions	:						
Drders Medication List Document In Plan											
View		∞ ⊗	+	Add to	o Phase 🕶 🛄 Comments						
ONCP LU LUAVPP - Cycle 2 ONCP LU LUAVPP - Cycle 2 Conce Lu LUAVPP - Cycle 5, Chemotherapy (Day 1) (Future) *Est. 2018-Feb-07 08:00 PST - 2018-Feb Last updated on: 2018-Jan-17 11:20 PST by: Train, OncologistHematologist-Physician1, MD											
- Chemotherapy (Day 1) (Completed) - Next Cycle Labs (Day 1) (Initiated) - Chemotherapy (Leister 4) -				v	Component		Day 1 Future				
ONCP LU LUAVPP - Cycle 3 Chemotherany (Day 1) (Completed)				`			*Est. 2018-Feb-07 08: ♥ Activate Actions ▼				
Next Cycle Labs (Day 1) (Unitiated)	E			66	Sodium chloride 0.9% (sodium chloride 0.9% (NS) bolus) 1,000 mL, IV, once oncology, administer over: 60 minute, dr	667	Future	min			
ONCP LU LUAVPP - Cycle 4				0.0	Treatment Regimen	0.0					
Next Cycle Labs (Day 1) (Initiated)			-	••• >- 4 4	once oncology, 2018-Feb-07, Future Order, Day 1, -1	00	Future				
Scheduling (Initiated)				1900	Perturbed (perturbed - oncology) 775 mg, IV, once oncology, administer over: 10 minute, drug In 100 ml, NS over 10 minute, (may be given during prebyde)	Æ00.	Future	min			
-Chemotherapy (Day 1) (Future) -Next Cycle Labs (Day 1) (Future)				60	 If the rest over to markets (may be given during prenyum) If a CISplatin (CISplatin - oncology) 93 ma. IV. once oncology. administer over: 60 minute. drug 	<u>₩</u> 66'	+6 Future	0 min			
Scheduling (Initiated)					In 500 mL Sodium Chloride 0.9% (NS), with potassium chlori 20% reduction, Nephrotoxicity						
Document In Plan					***PLACEHOLDER for CiSplatin/maq/mannitol/K IV set						



2 The scheduler now has a request to schedule the patient for their first cycle within the scheduling book. You will need to navigate to the **Treatment Calendar** to send the orders to scheduling for the following cycle(s) of treatment.

From the **Menu** click on the **Oncology** tab (1) and click on the **Oncology Treatment Calendar** tab (2). Note cycle date for the first 5 cycles are not italicized (3), meaning the cycle has been ordered and a request has been sent to schedule the patient. The following cycle is italicized, meaning it has not been ordered yet (4), therefore the scheduler does **not** have a request to schedule the cycle in the scheduling queue.

Menu 7	< 🔹 🕇 Oncology							
Provider View	Staning Not Recorded + Add							
Oncology 🚺								
Results Review	Flowsheet Staging Timeline Febrile Neutropenia Oncology	jy Treatment Calendar						
Orders 🕂 Add 👫 📄 🚔 🍋 🔍 100% 🗸 🌍 🟠								
Medication List 🕈 🕈 Add	Calendar Items	Calendar List						
Documentation 🛛 🕂 Add		A January 2010						
		S 14						
Alleraies 🕂 Add	△ M Cycle 1 - ONCP LU LUAVPP	M 15						
Disposes and Droblems	Infusion Chemotherapy Visit - Day 1 *01/03/2018	T 16						
	🛛 🎦 Cycle 2 - ONCP LU LUAVPP	W 17 0.284M Johnsid						
Histories	Infusion Chemotherapy Visit - Day 1 *01/03/2018	W 17 9:28AM Iniusio						
MAR Summary		T 18						
MAR	△ Cycle 3 - ONCP LU LUAVPP	= F 19						
Form Prowfor	Infusion Chemotherapy Visit - Day 1 *01/03/2018	S 20						
	🛛 🎦 Cycle 4 - ONCP LU LUAVPP	S 21						
Patient Information	Infusion Chemotherapy Visit - Day 1 *01/17/2018	M 22						
Interactive View and I&O		T 23						
Lines/Tubes/Drains Summary	△ Cycle 5 - ONCP LU LUAVPP	W 24						
Growth Chart	Infusion Chemotherapy Visit - Day 1 💙 *02/07/2018	T 25						
	🛛 🎽 ONCP LU LUAVPP 💦 👝	F 26						
Immunizations	Infusion Chemotherapy Visit - Day 1 4 *02/07/2018	S 27						



3 Click on the first italicized date within the next cycle to open the Add to Patient Treatment Calendar window.



Click on **Send Scheduling Requests** for the current cycle (1) and click **Sign** (2). Once you sign a request it will be sent to the scheduler to schedule the patient for this cycle.

Order	: Infu	ision (chemo	thera	py Visi	it - Day	1		Tir	me: {	3:00 A	M	©	U 🗹	odate ti	ne Cyc	le/Plan	Start [Date.	
To sc	hedule,	, click i	to selec	t and o	deselec	t date(s));							_						
		FEB	RUARY	/ 2018	3				M/	RCH 2	2018					A	PRIL 2	018		
S	M	Т	W	Т	F	S	S	M	Т	W	Т	F	S	S	M	Т	W	Т	F	S
28	29	30	31	1	2	3	25	26	27	28	1	2	3	1	2	3	4	5	6	7
4	5	6	7.	8	9	10	4	5	6	7	8	9	10	8	9	10	11	12	13	14
11	12	13	14	15	16	17	11	12	13	14	15	16	17	15	16	17	18	19	20	21
18	19	20	21	22	23	24	18	19	20	21	22	23	24	22	23	24	25	26	27	28
25	26	27	28	1	2	3	25	26	27	28	29	30	31	29	30	1	2	3	4	5
4	5	6	7	8	9	10	1	2	3	4	5	6	7	6	7	8	9	10	11	12

Note: Send Scheduling Requests for Current Cycle and Adjust All Future Cycle(s) Dates will be used if the patient is mid treatment and future cycle date adjustments are necessary. Send Scheduling Requests for All Cycles within the Regimen is useful in placing the patient on the schedule for all cycles within a Regimen at one time.



4 Now you will notice that the date is no longer in italics meaning the request has been sent to scheduling.



Key Learning Points

- The Scheduling Priority field within the Infusion chemotherapy visit order is defaulted to Routine (less than 2 weeks); **this should not be adjusted for Cycle 2 onwards**
- Follow-up appointments orders are defaulted to the day prior to the patient's next visit.
 - When you sign the orders, they change from a 'Planned' status to a 'Future' status.
- You can request scheduling directly from the Oncology Treatment Calendar.



Activity 1.5 – Prescriptions within a PowerPlan

- 1 There are three scenarios that you will need to be aware of. Please note that Oral Chemotherapy Only PowerPlans will be discussed in greater detail in the next activity. Please read about the scenarios below.
 - 1. Regimens that contain both IV and oral chemotherapy.
 - Orders for prescription oncology drugs will be included within the Chemotherapy phase of infusion-based chemotherapy protocols.
 - The prescription order will not route (print) until it is activated. There are two options for activation of the prescription order. Either by the nurse on the day of the infusion treatment, or ahead of time by the Pharmacist.
 - 2. Supportive Medications for a PowerPlan

Supportive medications are included in the Prescriptions phase of a PowerPlan. This contains any supportive medications from the pre-printed orders. None of the orders in this phase are checked by default. If a prescriber would like to order supportive medications from the PowerPlan he or she chooses the Prescriptions phase and completes the missing order details (dispense quantity, printing options, and refills if needed).

In the screen shot below; dexamethasone has been selected (1), and the 3 tab option has been selected (2) which automatically expands the Details window (3). This is where you would complete any missing Rx details and send the Rx to a printer (4). Once you have completed the details you can select **Initiate** (5) which will print a prescription immediately or **Orders for Signature** (6) which will sign the orders into a **Future** status to be activated some point in the future.

ONCP LY LYCH	OPR Cycle 1 - Cycle 1, Pre	escriptions (Planned Pe	nding)				
	ondansetron (ondansetr	on 8 mg oral tablet)			1 tab, PO, as directe	d, day, day	
🗹 (1) 🛛 🗖	dexamethasone (dexam	ethasone 4 mg oral tabl	et)	2.	3 tab, PO, as direct	ed, day, day, refill(s): 0, sta	art: T;N
	aprepitant (aprepitant 12	25 mg-80 mg oral kit)			2 tab, PO, as direc	ted, day, day	
	prochlorperazine (proch	lorperazine 10 mg oral t	ablet)		3 tab, PO, as direc	ted, day, day	
	metoclopramide (metoc	lopramide 10 mg oral ta	ablet)		I tab, PO, as directe	u, uay, uay	
🛨 Details (73	dexamethason	e (dexametha	asone 4 r	ng oral table	t)		4 Send To: Select Routing ▼
😭 🗙 Details	🕕 Order Comments 🕅 🦉) Offset Details 🛛 🔊 Co	mpliance				
*Dose	*Route of Admin	is *Frequency	Duration	*Dispense	30 90 *Refill		
3 tab	PO	as directed	day	day	• 0	🛨 🗧 h.	↓×
	[
Orders For Cosi	gnature Orders For Nurse	e Review Save as My	Favorite				🔅 Initiate Orders For Signature



- 3. Prescription Only PowerPlans (PowerPlans that do not include infusional chemotherapy)
 - When the prescription must be filled at a pharmacy outside of a Cerner site, the prescription will be set to print automatically to a local printer which must be given to the patient.
 - When the prescription will be filled at a pharmacy within a Cerner site the prescription will not print and the pharmacy will be notified via a worklist.

Key Learning Points

Prescriptions can be ordered within a PowerPlan/Regimen and can be printed depending on site specific workflow.



Activity 1.6 – Oral Chemotherapy Plan

1

For the purposes of practice please use the same patient that you have been working with today; **the patient assigned to you with the last name of:** Oncology-PHYB

Oral Chemotherapy plans are built as PowerPlans. Click + Add within the Orders profile and search for ONCP BR BRAVCAP (PO).



Note: If no Powerplan results come up when searching with ONCP BR try typing entire name of the protocol in search bar.



2 Review estimated Start Date/Time of treatment and Phase Actions. Click OK.

1	P sc	OTT-LEARN, MAR	/ - Add Plan			- • •
	ONC	P BR BRAVCAP (PO)			
	Sele	ect Visit and Start Ti	me			
	۲	This Visit	Co	nfirm Prescription Start	Date/Time	
	0	Future Inpatient \	/isit 07·	-Dec-2017 🚔 💌 08	59 ≑ PST	
		E the Outertie	A.C. IL			
		Future Outpatien	t visit			
	Con	firm Phase Action				
		Phase	Start Date/	Time	Action	
		Prescription	07-Dec-201	17 08:59 PST	Order now	•
	E	Labs (Day 1)	*Est. 07-De	c-2017 08:59 PST	Order for future vi	sit 🔻
	Add	litional Review Sett	ings			
		Review Required				
	Re	eview Provider				
				řů.		
				_		
	SCOT	T-LEARN, MAR	(- 70000497	6	OK	L'ancel

Select appropriate oral chemo prescription order by clicking box to the left of order.

🗧 👻 🕇 Orders	j) Full screen 👘 Print 🗞
🕈 Add 🦨 Document Medication by Hx Reconciliation 🖲 🧔	Check Interactions	onciliation Status Meds History 😗 Admission
Orders Medication List Document In Plan		
View	😵 🛇 🕇 Add to Phase - 🛕 Check Alerts 🛄 Comments Start: 2018-Jan-17 14:36 PST 📖 Duration: None 📖	
Plans	이 Component Status Dose Details	
-Document In Plan	ONCP BK BKAVCAP (PO), Prescription (Initiated Pending)	
	🐴 🐧 Round to nearest 150 mg	
Prescription (Initiated Pending)	Image: State Sta	l day, dispense qty: 14 day
梁 Labs (Day 1) (Future Pending) Suggested Plans (0)	Second State S	4 day, dispense qty: 14 day
Orders	Scheduling Order	
- Admit/Transfer/Discharge	🖄 Follow Up - Clinic - Oncology Treatment Not available for the facility of the active	e encounter
- Status		
Patient Care		
E Dist (Nutrities		
V Medications		
Blood Products		
- Laboratory		
Diagnostic Tests		
- Procedures +		
Related Results	Cetails	
Formulary Details		
Variance Viewer	Urders For Cosignature Urders For Nurse Heview Save as My Favorite	Orders I

Click on the order to review/add details and to print a prescription for the patient. Click on the send to field and select the appropriate printer.



포 Details	for capecitabin	e			Send To: Select Routing
P Details	Order Comments	Offset Details Composition	pliance		VCH1368R on SPPRT008 (from LD022917) in session 61
Dose	*Route of A	dminis *Frequency	Duration	*Dispense 30 90 *Re	590-133D1 on spprt008 (from LD022917) in session 61
1250	PO	◆ BID	🔵 14 day	14 day	Citrix UNIVERSAL Printer (from LD022917) in session 61 More Printers
	PRN:		~	Special Instruction	Do Not Send: prescription called in to pharmacy
	Drug Form:		~		Do Not Send: other reason
	Start Date/Time:	·····	PST	Type Of Thera	Other
Pharma	cy BCCA Protocol Code:				Maintenance
	Research Study:		*		

The scheduling orders for an Oral chemotherapy PowerPlan are found within the Prescription phase. Right click on the scheduling order and select modify to view the details for this order.

😪 🛇 🕂 Add to Phase 🗸 🛆 Check Alerts ⊍ Comments 🛛 Start	201
left Component	S
ONCP BR BRAVCAP (PO), Prescription (Initiated Pending)	
🍊 Treatment Regimen	
I Round to nearest 150 mg	
🗹 🔇 🛅 capecitabine	
🗖 🖬 📕 capecitabine	
Scheduling Order	
🎽 Follow Up - Clinic - Oncology Treatment	

The Order location is defaulted to the location the patient is registered to. If the patient will be scheduled for their follow up appointment at a separate location use the drop down to select alternate scheduling location (i.e. SGH Oncology).

▪ Details for Follow Up	- Clinic - Oncology	Treatment		
Details 📴 Order Comments) 🕑 Offset Details			
+ * h. ♥≥				
Requested Start Date/Time:	*****	PST	Day of Treatment:	
Ordered Treatment:	ONCP BR BRAVCAP (PO)	•	*Follow Up:	3 weeks
*Tumor Site:	Breast	~	*Physician Specialty:	Medical Oncology
Alternate Scheduling Location:	LGH Chemo	*	Special Instructions:	
Order Location:	(None)			
	LGH Chemo			
Research Study:	Paper Referral			

The order to schedule a patient for a follow up appointment is defaulted to three weeks. You are able to deselect the follow up clinic appointment order if no follow up appointment is needed at this time or use the drop down menu to change the follow up appointment request.

Now review the Lab phase within the plan. Note: Once the lab order is signed, the lab requisition will print on a local printer and will need to be given to the patient to present to have their labs



drawn at a future date.

Click Sign and

◄		- Clinic - Oncolog	y Tre	eatment			
1	Details Order Comments	🕒 Offset Details					
	+ 2 In. ↓≥						
	Requested Start Date/Time:	••••••		PST	Day of Treatment:		~
	Ordered Treatment:	ONCP BR BRAVCAP (PO)	~		*Follow Up:	3 weeks	~
	*Tumor Site:	Breast	¥	*Ph	ysi ian Specialty:	Day prior to start of next cycle 2 weeks	
	Alternate Scheduling Location:		~	Sp	ecial Instructions:	3 weeks	
	Order Location:	LGH OCC MDC	~			4 weeks 8 weeks	
	Research Study:		~			12 weeks As per Special Instructions	

Key Learning Points

Oral Chemotherapy plans are built as PowerPlans

You are able to deselect follow up clinic appointments and request a later appointment date.



Activity 1.7 – Placing Referral and Consult Orders

- A Referral is placed when services are required outside of the patient's current treating facility.
- A Consult is placed when services are required within the patient's treating facility.

To place a Referral:

1

- 1. Navigate back to the Provider View
- 2. Select Orders
- 3. Begin to type order in the search box (type Radiation, select order sentence Referral to Radiation Oncology)
- 4. Click on Orders for Signature

CSTPRODONC, JAY				List Recent + Harry + O
CSTPRODONC, JAY	008:07-Jan-2010 MRN:20000172 Age/7 years Enc/200000000	1 Code Status: 037	Process: Diseater	Location:LGH Chemo Enc Type:Recurring
Allergies: morphine	GenderzMale PHN/967823930	 Dosing Wtd0 kg 	holation:	Attending
K Provider View				📜 Full coreen 📀 1 hours 8 minutes ag
A B B B S S 1005 1 0 0 0				
Outractivest Chart ST Onvolvery Triane	17 Summary	12 Chematherany Dopper 12 Orders	St Randod	
Venue: Ambulatory - In Office (Meds in Office) =			2	
Triage =+	Medications	E+ A Labs	Traging	New Order Latry 🚽
4 On show they Differ I Associate	A Analysen of	discontinue	400	Ambulatory (Meds as Ru) +
Oncology New Patient	 Anticipation 	PTT Bood, English Coder for School and	Electrocardiogram 12 Lead	
Oncology New Patient, Inwriter Energent - Witten 24 Insure, Ithesizan	• Internation	INR Book Realize. Other for Informer and	 Echacardisoram 	
Speciality: Medical Oncology	Accentecs	APTT Bool, Boutes, Order for Mars with	4 10	(isotion)
Oncology New Patient Amonty: Routine - Within 2 weeks, Physician	Corticosteriode	4 Denstry	VR Chart	Referral to Radiation Oncology
Specialty: Medical Overlagy	A G-CSF	Urea Ntrogen Blood, Routine, Order for future unit	MG Nammonram Diamostic Bilateral	Easters
Oncology New Pablent: Proving: Emergent - Within 34 hours, Physician	fügrastm 200 meg, subsularation, glaby	Creatinine Level Bood, Routina, Order for Future met.	MG Mammogram Screening	Ambeddoor In (Was Executes (Mar. 1)
Specialty: Radiation Dircology		Abumin Level Hood, houten, Order for future visit	TJ (
Oncology New Pablent: Promity: Routine + Witten 2 weeks, Physician		TSH Bood, Rautrea, Order for future risk	► U5	My Plan Favorites
Specialty: Radiation Oncology		Magnesium Level Blood. Routine, Order fait future stat	> NH	
Uncology New Pabers Promy, Chargest - Webs 24 Yours, Physican Inscripto, Summing Caudions		Calcium Level Blood. Routine. Order for future wait	110	
Opening New Patient Instance within London Memory		Calcum Ionized Serum mood, Routes, Order for future wait	- Proventier	
Sancalty Surged Orobes		Gucose Fasting Blood, Routine, Order for future viet		
4 Oncology Hold Referral		Guode Kandom Bood, Kuutina, Criter for future wall	and the second se	
Referral Information Request Hold Referral Panding: Path Review		Calculate Jointized Withold Blood Blood, Routine, Criter for Falling in Cancer VA, Ergen Light Chainer Butter stand in one Calculate La	ee	
Referral Information Request Hold Rahmal Panding: Path Report		set		
Referral Information Request Hold Referral Pending: Appointment With		Secon DID stand disches Color by Education		6
Surgeon		PEP Urine Bood, Busines, Order for future and		100
Referral Information Request Hold Releval Rendop: As the Special		 Microbiology 		
Inductore		Charl Shuffee		
4 Reject Referral		Allow Order		
Reject Referral Inoppropriate Referral		Unite Output Routing, Order for Schurg and		
Reject Referral Does Not Quality for Climit		B Torney Markey		
Reject Referral BCCA Opinion Not Required		a second s		
Reject Referral Other				

The Orders for Signature window will appear

5. Click **Sign** to place the order or you can cancel with the cancel button or clicking the (s) icon.

Orders for Signature (1)		X
Consults/Referrals		
Referral to Radiation Oncology	hi a construction of the second secon	5
		Sign Save Modify Cancel



Now navigate to the Orders Window.

- 6. Filter the orders to display Consults/Referrals
- 7. You can see the Radiation Referral has been Ordered; in the Details section a paper referral is still required. By placing this order entry it prompts the Clerk to print out the paper referral to be completed, signed and sent to the respective location.

Add Pocument Medication by Hx Reconciliation Add	Check Interactions						Reconciliation State	us.
Orders Medication List Document in Plan							 Meds History 	Admission V Out
And The second s	122							
View	Distant Al Active Orde	n (AS Inactive Orders	All Active Didect					Show Mark Do
Scheduling (Initiated)								
ONCE GL GIFFIR8 - Carle 2	2 B	9 +	Order Name	Station	Dose _ Details	Ovd	Sening Physician	Order Comment.
Chemotherany (Day 1) (Juture)	a functio/Referrals	1000		- Service allocation of the	And the second sec		274317473.00	
Next Code Labs (Dec 1) (External)	5. M		Referral to Radiation Oncology	Ordered	Paper P	Refeiral, Have referral form completed as per BC Cancer Tes	tON, OncologistHematologist-Physician, MD	A
Exhanded and Anthened		18	Infusion Chemotherapy Visit	Future (On Hold)	1J-Dec	-2017, Day 1, ONCP GLGFHRB - Cycle 5, Routine (less th	tON, OncologistHematologist-Physician, MD	7
		· • • • • • • • • • • • • • • • • • • •	Infusion Chemotherapy Visit	Future (On Hold)	11-Dec	-2017, Day 1, ONCP GLGIFFIRB - Cycle 4, Routine (less th Test	tON, OncologistHematologist-Physician, MD	
E ONCP GLGDPHRB - Cycle 5	10 M	E 😳	Infusion Chemotherapy Visit	Future (On Hold)	07-Dec	-2017, Day 1, ONCP GI GIFFIRB - Cycle 3, Routine (less th Test	tON, OncologistHematologist-Physician, MD	
Chemotherapy (Day 1) (Discontinued)	111	8	Infusion Chemotherapy Visit	Future (On Hold)	06-Dec	2017, Day 1, ONCP GLGIFFIRB - Cycle 2, Routine (Jess th Test	tON, OncologistHematologist-Physician, MD	
Next Cycle Labs (Day 1) (Completed)		10	Oncology New Patient	Future (On Hold)	05-Dec	-2017, Priority: Routine - Within 2 weeks, Location: LGH Test	tON, OncologistHematologist-Physician, MD	
Scheduling (Initiated)	10	PR 10	Schedule Transfusion - N/IS	Future (On Hold)	16-Nov	-2017, Dava 1, TM AMB MG Immune Deficiency (Day of Text	tON OncologistHematologist-Physician MD	
Suggested Plans (0)		19	TM Consult to MG Transfusion	Future	16-Nov	-2017 Dose not adjusted for ideal body weight Teo	tON OncologistHematologist-Physician MD	
Orders		873	Infusion Chemotherady Visit	Future (On Hold)	24-Oct	-2017 Day 1 ONCP GLGEFTRE - Cycle 5 170 minutes 85 Tex	tON OncologistHematologist-Physician MD	
Admit/Transfer/Discharge	10		Infusion Charactherapy Visit	Extrans (On Mold)	14-0-4	2017 Day 1 ONCE GLOBERE - Cycle 1 120 minutes #5 Tex	tON Oppointianatologist. Physician MD	
Status	10	615	Infusion Characterized Welt	Eutrope (On Held)	2017.0	12 Day 1 HOM/ DIVINCHOD TECTING - Curla 1 120 Tax	ON Oscionationations, Division MD	
Patient Care	in the second se	R 1	Infusion Chemotherapy Visit	Extract (On Hold)	2017-0	ATT Dest ONCO DE SENTICE Contest to A - Contest Tes	10N Oncologist Islamatologist Physician MD	Dev1
17 haven care		6 13	Infusion Chernomerapy that	Extrans (On Held)	2017-0	11 Day 3 5D Calable / Marries (Day of Testman) / Test	aChi Cadalagiatilare stategiat Physician MD	Post V
			Transfering 140	Future (On Hold)	2017-0	cc-11, Days 3, ED Cerdens / Addices (Day or Meterners) (Tes	aCH Oncologist Hematologist Physician, MD	
Diet/Nutribon		0.03	Internation - Into	Future (On Hold)	2017-0	ct-10, Days 1, TWINIG TRANSISION IMMUNE DETICIENCY (AN A STREET AND A	
Continuous Infusions		10 23	Infusion - Antonotics	Future (On Hold)	2017-0	ct-10, Days 2, ED Cellules / Abscess (Day of Treatment) [Tes	ton, uncologisthematologist-Physician, MU	
Medications			Uncology rvew vapent	Putore (Un Piola)	2017-0	ct-us, Phonty: Koushe - Within 2 weeks, Locabor: LoH (es	ture, Uncologistmematologist-Physician, MD	
Blood Products		60 110	Transfusion - 1999	Future (Un Picid)	2017-0	Rt-GL, Days L, TM brig Transfusion Immune Deficiency (tore, uncologistHematologist-Physician, MD	
Laboratory		-	Clinic Follow Up - Oncology	Future (On Hold)	2017-54	ep-28, Emergent (less than 1 week), Tumor Site: Gastroint Tec	tON, OncologistHematologist-Physician, MD	
Displostic Tests		100	Oncology New Patient	Future (On Hold)	2017-54	ep-27, Routine, Location: LGH Oncology, Tumor Ster Lu	tON, OncologistHematologist-Physician, MD	
Procedures		88	Transfusion - MG	Future (On Hold)	2017-54	ep-26, Days 1, TM Mg Transfusion Immune Deficiency (Tes	tON, OncologistHematologist-Physician, MD	
Paraistan	E	E 23	Infusion Chemotherapy Visit	Future (On Hold)	2017-54	ep-21, Day 1, ONCP LY LYCHOP TESTING - Cycle 2, 120 - Tes	tON, OncologistHematologist-Physician, MD	
TT All of Market		8	Infusion Chemotherapy Visit	Future (On Hold)	2017-Se	ep-15, Day 8, ONCP GU GUAIPG option 1 - Cycle 1, Sche Ter	tON, OncologistHematologist-Physician, MD	Day 8
Tables Present			Infusion Chemotherapy Visit	Future (On Hold)	2017-54	ep-08, Day 1, ONCP GI GIFFIRB - Cycle 2, 180 minutes, 90 Tes	tON, OncologistHematologist-Physician, MD	
C Consulty Keterran	(月) (日)	- 18	Infusion Chemotherapy Visit	Future (On Hold)	2017-54	ep-04, Day 1, ONCP BR BRAJACTG Cycles 1 through 4 - C., Tes	tON, OncologistHematologist-Physician, MD	Day1
Communication Orde	10		Infusion Chemotherapy Visit	Future (On Hold)	2017-A	uq-29, Copy of Days 1, ONCP LY LYCHOP TESTING - Cy Tes	tON, OncologistHematologist-Physician, MD	
Supplies	LU		Oncology New Patient	Future (On Hold)	2017-A	uq-29, Urgent (less than 1 month), Location: Paper Refer Test	tON, OncologistHematologist-Physician, MD	
Non Categorized	14		Referral to Orthopedics-Injection	Future (On Hold)	Emerge	ent (less than 1 week), Test, Amb2, Paper Referral, test, Fu Tes	tON, OncologistHematologist-Physician, MD	
Medication History			Referral to Radiation Oncology	Future (On Hold)	Urgent	(less than 1 month), Paper Referral, Have referral form c Test	tON, OncologistHematologist-Physician, MD	
Medication History Snapshot			Referral to Radiation Oncology	Future (On Hold)	Emerge	ent (less than 1 week), Paper Referral, Radiation treatmen Test	tON, OncologistHematologist-Physician, MD	test comments fo
Reconciliation History	10 E		Referral to Radiation Oncology	Future (On Hold)	Paper P	Referral, Have referral form completed as per BC Cancer Tes	tON, OncologistHematologist-Physician, MD	
	- 1	8	Infusion Chemotherepy Visit	Future (On Hold)	2017-A	uq-22, Day 1, ONCP GU GUAJPG option 1 - Cycle 1, Sche Ter	tON, OncologistHematologist-Physician, MD	Day 1
*) · · · · · · · · · · · · · · · · · · ·	•							
Related Results	T Dataila							
Formulary Details								
Variance Viewer	1 Orders For Coognature	Orders For Number F	42 Yabini					Citchen For Sign

Note: When you place a Referral make sure you look at the Details section; most referrals will still require a paper document to be generated.



2 If you are looking to make a Consult order, notice when you type consult into the search engine of the New Order Entry (1) all consults are pertaining to the Emergency Department. Consults must still be made by calling the Provider or Service you are wishing to have a consult from.



Key Learning Points

- Referral orders can be placed by searching for the individual order in the New Order Entry.
- It is important to read the Details section pertaining to the Referral.
- Most Referral's will still require a hard copy paper Referral to be made.
- Consults will be made via a phone conversation with the required Provider/Allied health team member.



Activity 1.8 – Lifetime Cumulative Dosing

For patients' on medications requiring monitoring of Lifetime Cumulative Dosing, a function has been built to track the doses being delivered from a Cerner based site as well as the ability to input data on medications delivered outside of these sites.



- 1. You must be within **Orders** under the menu.
- 2. Once the orders screen is open, select **Option** from the top toolbar.
- 3. Choose the Add Lifetime Cumulative Drug Administration.

CSTPRODONC, JAY - 700001721 Opened by TestON, OncologistHemater ist-Physician, MD									
Task Edit View Patient Chart Links Notifications	Options Current Add Help								
🕴 🖃 Message Centre 📲 Patient Overview 📲 Ambulatory Orga	 Enable Pop-up Window for Selecting Orderables h Education Mater 								
CSTPRODONC. JAY	Transfer Mancel Orders								
CSTPRODONC JAY	Add Lifetime Cumulative Drug Administration								
con Robolic, par	Print Medication Reconciliation Transfer Report								
Allergies: morphine	Gender:Male PHN:9878239303								
S < Y A Orders									

4. This will open a pop up window where you can select the drug you want to review. From the dropdown menu select the medication.

ifetime Cu	umulative Do	osing							
*Drug:				*Dose:	*Dose Units:	Height:	*Height Unit: ▼	*Weight:	*Weight Units:
•Date: **.***.***	•	*Physi	cian:	4 comments:					
Outside A	dministrations.								
Drug Do	se Height W	eight Date	Physician	Comments					1
Total:									
•									•

Note: If a patient has been given any of these medications outside of a Health Organization with Cerner, the amount will not automatically reflect but can be added in manually if the records are known.



- 5. The upper box in the window displays the **Outside Administrations** given. You are also able to add this information if the documentation is present.
- 6. The lower box in the window displays the amounts given previously within a Cerner site.

Lifetime Cumu	ulative [Dosing						13						×
*Drug:						*Dose:		*Dose Units:	1	leight:	*Height Unit:	*Weight:	*Weight Units:	
DOX0rubicin				•				•			-		-	
*Date:		*F	hysici	an:	Co	mments:								
_*	*	•			\									
Outside Admir	nistration	ns												
Drug	Dose	Height	Weigh	t Date	Physic	ian		Comments						~
DOX0 rubicin	25 mg 1 25 mg	160 cm	65 kg	15-Nov-2017	' Bonilla	, NOLDAP, Jo	hanna	Received at non C	ST site					
- Cour	Long								-	5				
														_
														_
														_
•														F
											_			
Administration	IS		_			,								
Drug	Adminis	tered D:	ose Ad	ministered Dal	e & Time	e Ordered Dos	e Sch	eduled Date & Time	Order Id	Result Status				•
DOX0rubicin Total:	39 mg 39 mg		18	Jan-2017 11:	8	39 mg	18-J	an-2017 11:15	28823967	3 Auth (Verified)	+			_
											6			_
											-			
							_							_
•														F
Overall Total	: 64 m <u>c</u>	J										E dit	Add Ci	ose

Note: To add a medication you must fill in all the cells with an asterisk that are highlighted yellow.

Key Learning Points

- To view Lifetime Cumulative Dosing, you must be within the Orders window.
- Doses administered within Cerner sites will automatically populate within corresponding window once administered.
- Doses not administered within a Cerner site need to be added manually.



Activity 1.9 – Patients in Transition

Note: While orders are viewable across all encounters, the same cannot be said for the Medications on the **Medication Administration Record (MAR)**. Medications will only be viewable on the MAR for the encounter on which they were ordered. Chemotherapy orders within a PowerPlan are placed in a 'Future' status and will not appear on the MAR until the Nurse activates them. This becomes important in the case of a Patient in Transition.

1 Scenario A – An admitted patient with recurring encounter for chemotherapy treatment. Within some Healthcare organizations these patients need to be transferred from the Inpatient unit to the Ambulatory Chemotherapy Unit to receive their scheduled chemotherapy.

Prior to their appointment you may visit them on the Inpatient unit to determine if they are fit to receive treatment and to place the orders. Orders placed on an encounter are viewable across all encounters. This means that orders that you place on the inpatient encounter will be viewable on the recurring encounter.

For practice we will use the same patient that we have been throughout this Workbook. the patient assigned to you with the last name of: Oncology-PHYB

Login to Powerchart. Powerchart will open to your Message Centre. From the Organizer tool bar choose Patient list.

I	P PowerChart Organizer for TestON, OncologistHematologist-Physician, MD
	Task Edit View Patient Chart Links Notifications Inbox Help
	🗄 🖃 Message Centre 📲 Patient Overview 📲 Ambulatory Organizer 📲 MyExperience 🗼 Patient List 🧊 🕄 Patient Health Education Materials 🔍 Policies and Guideline
I	
I	Message Centre
	Inbox Summary P Messages X







3 Click on **New** from the Modify Patient Lists window.

Modify Patient Lists					-
vailable lists:		Active lists:			
	(a				
			New	OK Can	cel

4 Click on **Location** and **Next** on the Patient List Type Window.

Patient List Type				—
Select a patient list type:				
Assignment Assignment (Ancillary) CareTeam Custom Location Medical Service Provider Group Query Relationship Scheduled				
	Back	Next	Finish	Cancel



5

Click on Locations and scroll to find LGH Lions Gate Hospital.

Location Patient List	—
*Locations Medical Services Encounter Types	* E

Location Patient List		×						
 *Locations Medical Services Encounter Types Care Teams Relationships Time Criteria Discharged Criteria Admission Criteria 	King HTH Hilltop House King LGH Breath Program King LGH Cardiac Home Care King LGH Cardiology Lab King LGH Cast Clinic King LGH Cast Clinic King LGH Diabetes Education Clinic King LGH Diabetes Education Clinic King LGH Electroencephalography Clinic King LGH HOpe Centre King LGH Intensive Rehabilitation Outpatient Program IROP King LGH LGH Northmount King LGH Lab Northmount King LGH Lab Northmount King LGH Laboratory King LGH LGH Cast Hospital King LGH Medical Imaging	A E						
	🗄 🖃 🖬 LGH Neuro Rehab Outpatient Clinic	-						
Enter a name for the list: (Limited to 50 characters)								
	Back Next Finish Can	cel						



Select Lions Gate Hospital again.

*Locations	EGH HOpe Centre	
Medical Services	🗉 🔽 🖬 LGH Intensive Rehabilitation Outpatient Program IROP	
Encounter Types	🗄 🖾 🖬 LGH Joint Replacement Access Clinic JRAC	
Care Teams		- 1
Relationships		[
Time Criteria	En IGH Lions Gate Hospital	
Discharged Criteria	🛓 🔲 LGH Lions Gate Hospital	
Admission Criteria	🗄 🖂 🕼 LGH Medical Imaging	
	🗄 🖂 🛃 LGH Neuro Rehab Outpatient Clinic	
	⊞	
	🗄 🖃 🖬 LGH OCC Medical Daycare	
	🗄 🖃 🖬 LGH OCC Universal Clinic	
	🗄 🖂 🗐 LGH Pediatric Asthma Clinic	
	🗄 🖃 🖬 LGH Pharmacy	
	🗄 🖂 🕞 LGH Preanesthesia Clinic	
	🗄 🖃 🖬 LGH Pulmonary Function Lab	
Enter a name for the list: (Limit	ed to 50 characters)	

And for today check the box for LGH 7 West, and then click finish.

Location Patient List		×
Locations Medical Services Encounter Types Care Teams Relationships Time Criteria Discharged Criteria Admission Criteria Enter a name for the list: (Limited	LGH Lions Gate Hospital LGH 2 East LGH 2 E Cardiac Care LGH 3 East LGH 3 Pediatric Observation LGH 3 West LGH 4 West LGH 4 West LGH 5 East LGH 6 East LGH 6 Surgical Close Observation LGH 6 West LGH 7 East LGH 7 West LGH 7 West	4
	Back Next Finish C	ancel



6 This brings you back to the Modify Patient Lists window. Select LGH 7West, click on the appropriate arrow to add the unit to the Active Lists window and click OK.

P Modify Patient Lists		×
Available lists:	Active lists:	.]
	New OK Cancel]

7 This brings you back to the Patient List screen. Choose the list you just created.

Patient List											
∥☆☆≫◎◎☆☆☆ ● ◎□■■■■■■											
 LGH 7 West											
All Patients - LGH 7 West											
1	Name	MRN	Encounter #	Age	DOB	Admitted	Adm				
1	ONCOLOGY-PHYB, KRISTINA	760000728	760000010068	66 years	1951-Jan-20	2018-Jan-04 11:35 PS	T Test				
1	ONCOLOGY-PHYB, JANIE	760000727	760000010067	66 years	1951-Jan-20	2018-Jan-04 11:25 PS	T Test				
1	ONCOLOGY-NURSEC, ANNIE	760000724	760000010076	66 years	1951-Jan-20	2018-Jan-04 12:09 PS	T Test				
1	ONCOLOGY-PHYB, REGINA	760000729	760000010069	66 years	1951-Jan-20	2018-Jan-04 11:40 PS	T Test				
1	ONCOLOGY-NURSEC, JASMINE	760000721	760000010072	66 years	1951-Jan-20	2018-Jan-04 11:53 PS	T Test				
1	ONCOLOGY-PHYB, RAMONA	760000731	760000010071	66 years	1951-Jan-20	2018-Jan-04 11:50 PS	T Test				
1	ONCOLOGY-NURSEC, DANA	760000722	760000010074	66 years	1951-Jan-20	2018-Jan-04 12:03 PS	T Test				
1	ONCOLOGY-NURSEC, MERCEDES	760000725	760000010077	66 years	1951-Jan-20	2018-Jan-04 12:12 PS	T Test				
1	ONCOLOGY-PHYB, TANYA	760000730	760000010070	66 years	1951-Jan-20	2018-Jan-04 11:46 PS	T Test				
1	ONCOLOGY-PHYB, LEA	760000732	760000010073	66 years	1951-Jan-20	2018-Jan-04 11:59 PS	T Test				
1	ONCOLOGY-NURSEC, CARRIE	760000723	760000010075	66 years	1951-Jan-20	2018-Jan-04 12:06 PS	T Test				
1	ONCOLOGY-NURSEC, ELOISE	760000726	760000010078	66 years	1951-Jan-20	2018-Jan-04 12:15 PS	T Test				



8 Find your patient on this list and double click on their name to open their chart. You will need to assign a relationship before gaining access to the chart.

SCOTT-LEARN, ONYX 🛛 🛛					🔶 List 🔶 🛍 Recent
SCOTT-LEARN, ONYX	DOB:23-Aug-1950 Age:67 years	MRN:700008275 Enc:700000016385	Code Status:	Process: Disease:	Encation: I GH 4F: 418; 02 Enc Type:Inpatient
Allergies: penicillin	Gender:Female	PHN:9876428542	Dosing Wt:55 kg	Isolation:	Attending:Pilsvcw, Tyler, MD
Menu 7	< 🔹 🛉 Orders				(□) Full screen (
Provider View	+ Add 3 Document Medication by Hx	Reconciliation • 👌 Check I	Interactions		Reconciliation Status
Oncology					🕒 Meds History 🗧
Results Review	Orders Medication List Document In P	an			

Note: You are now in the chart of their Inpatient encounter.

9

Once you have finished assessing the patient and reviewing their chart you determine that they are fit for treatment. You now wish to **Activate** the orders for the bloodwork required by the protocol. Navigate to the **Orders** screen.

Menu	4	< 🔹 🝷 👘 Provider V	iew				
Provider View		A 100	% 🗸 🕝 🖨 🟠				
Oncology		Outpatient Chart S3	Oncology Triage S3	Summary 🔀	Chemotherapy Dosing 🛛 🕅	Orders 🔀	Rounding 🔀
Results Review							
Orders	🕂 Add	Informal Team	 No actions documente 	d		No comments do	cumented
Medication List	🕇 Add	Communication	All Teams			All Teams	
		Oncology Chemotherany					

10 From the **PowerPlan** for Cycle 4, select **Next Cycle Labs**.





11 The Cycle 4 labs will display. These labs are currently in a 'future (on hold)' state.

ON Las	DNCP LU LUAVPP - Cycle 4, Next Cycle Labs (Day 1) (Future) *Est. 2018-Feb-05 09:28 PST - 2018-Fe Last updated on: 2018-Jan-17 09:29 PST by: Train, OncologistHematologist-Physician1, MD								
					Day 1				
	a		52	Component	Future				
	00		x	Component	*Est. 2018-Feb-05 09:				
					🖗 Activate Actions 💌				
				Differential (CBC and Differential)					
				Blood, Routine, Collection: 2018-Feb-05, once, Order for fut	Future (On Hold)				
				Platelet Count					
				Blood, Routine, Collection: 2018-Feb-05, once, Order for fut	Future (On Hold)				
				Creatinine Level					
				Blood, Routine, Collection: 2018-Feb-05, once, Order for fut	Future (On Hold)				
				🝸 Bilirubin Total					
		_		Blood, Routine, Collection: 2018-Feb-05, once, Order for fut	Future (On Hold)				
				Alanine Aminotransferase					
				Blood, Routine, Collection: 2018-Feb-05, once, Order for fut	Future (On Hold)				
				Z Lactate Dehydrogenase					
				Blood, Routine, Collection: 2018-Feb-05, once, Order for fut	Future (On Hold)				

12 Change the **Estimated date** to the date for today by selecting the down arrow by the **Activate/ Actions** tab and selecting **Change Start Date/Time**. Select the date and give a reschedule reason on the subsequent screen.

ON Las	ONCP LU LUAVPP - Cycle 4, Next Cycle Labs (Day 1) (Future) *Est. 2018-Feb-05 09:28 PST - 2018-Feb-05 23:28 PST Last updated on: 2018-Jan-17 09:29 PST by: Train, OncologistHematologist-Physician1, MD										
	ø		Ÿ	Component	Da Fut *Est. 2018-F & Activate	ay 1 ture Feb-05 09: elActions 👻 I					
				 Differential (CBC and Differential) Blood, Routine, Collection: 2018-Feb-05, once, Order for fut Platelet Count Blood, Routine, Collection: 2018-Feb-05, once, Order for fut 	Future (C	 ♀ Activate ♥ Discontinue C III Skip 					
			Creatinine Level Blood, Routine, Collection: 2018-Feb-05, once, Order for fut Blood, Routine, Collection: 2018-Feb-05, once, Order for fut Blood, Routine, Collection: 2018-Feb-05, once, Order for fut		Future (C	+ Add Order + Add Outcome / Intervention + Add Prescription					
		Blood, Noutine, Collection 2007 F25 00, 0162, 0162 101 1011 Maine Aminotransferase Blood, Routine, Collection: 2018-Feb-05, once, Order for fut		Future (Change Start Date / Time Copy Day of Treatment						
				Road Routine Collection: 2018-Eeb-05 once Order for fut	Euture ((



The orders will now display as 'Rescheduled'. 13

Click

ON Las	NCP LU LUAVPP - Cycle 4, Next Cycle Labs (Day 1) (Future Pending) *Est. 2018-Feb-05 09:28 PST - ast updated on: 2018-Jan-17 09:29 PST by: Train, OncologistHematologist-Physician1, MD										
					Day 1						
	S		7	Component	Future Pending						
	0-)	Component	*Est. 2018-Jan-17 16:1						
					Actions 🔻						
				🔭 Differential (CBC and Differential)							
				Blood, Routine, Collection: 2018-Feb-05, once, Order for fut	Reschedule						
				🔭 Platelet Count							
				Blood, Routine, Collection: 2018-Feb-05, once, Order for fut	Reschedule						
				🔭 Creatinine Level							
				Blood, Routine, Collection: 2018-Feb-05, once, Order for fut	Reschedule						
				🔭 Bilirubin Total							
				Blood, Routine, Collection: 2018-Feb-05, once, Order for fut	Reschedule						
				🔭 Alanine Aminotransferase							
				Blood, Routine, Collection: 2018-Feb-05, once, Order for fut	Reschedule						
				🔭 Lactate Dehydrogenase							
				Blood, Routine, Collection: 2018-Feb-05, once, Order for fut	Reschedule						
Clie	ck	(Orde	rs For Signature . Click Sign and .							

14 Click on the down arrow beside **Activate/Actions** order one more time and choose **Activate**. On the subsequent screens, click Orders For Signature . Review your new orders and click Signature. Click 🧬 2 ho refresh

ON Las	JNCP LU LUAVPP - Cycle 4, Next Cycle Labs (Day 1) (Future) *Est. 2018-Jan-17 16:15 PST - 2018-Jan-18 06:15 PST Last updated on: 2018-Jan-17 16:24 PST by: Train, OncologistHematologist-Physician1, MD									
						y 1 ure an-17 16:1 Actions x				
			66°	 Differential (CBC and Differential) Blood, Routine, Collection: 2018-Jan-17, once, Order for futu Platelet Count Blood, Routine, Collection: 2018-Jan-17, once, Order for futu 	රිං ⁴ Future ද් රිං ⁴ Future (C	 Activat Discont Skip 	e tinue			
			66°	 Creatinine Level Blood, Routine, Collection: 2018-Jan-17, once, Order for futu Bliurubin Total Blood, Routine, Collection: 2018-Jan-17, once, Order for futu 	භි Future (C හි Future (C	+ Add Or + Add Ou + Add Pr	der utcome / Intervention escription			
			66^ 66^	Alanine Aminotransferase Blood, Routine, Collection: 2018-Jan-17, once, Order for futu	රිග් Future (C යින්	Change Copy D	e Start Date / Time Jay of Treatment			



15 Your lab orders are now in the 'Ordered' status. The lab has been automatically notified of the order and because they were activated on an inpatient encounter and unit (remember that you accessed the chart from the patient list for the location of your patient?) the lab will attend the unit to draw the bloodwork. You may proceed to placing the orders for the next cycle of chemotherapy.

ON Last	ONCP LU LUAVPP - Cycle 4, Next Cycle Labs (Day 1) (Initiated) *Est. 2018-Jan-17 16:25 PST - 201 Last updated on: 2018-Jan-17 16:25 PST by: Train, OncologistHematologist-Physician1, MD									
			Day 1 Initiated							
	Ð		8	Component	2018-Jan-17 16:25 PS					
					Actions					
		\checkmark	66^	Differential (CBC and Differential)	661					
				Blood, Routine, Collection: 2018-Jan-17 16:25 PST, once	Ordered					
		\checkmark	60^	🍞 Platelet Count	661					
				Blood, Routine, Collection: 2018-Jan-17 16:25 PST, once	Ordered					
		\checkmark	60^	🔭 Creatinine Level	661					
				Blood, Routine, Collection: 2018-Jan-17 16:25 PST, once	Ordered					
		\checkmark	66^	🔭 Bilirubin Total	66^					
				Blood, Routine, Collection: 2018-Jan-17 16:25 PST, once	Ordered					
		\checkmark	60^	🔭 Alanine Aminotransferase	661					
		Ordered								
		\checkmark	66^	🔭 Lactate Dehydrogenase	661					
				Blood, Routine, Collection: 2018-Jan-17 16:25 PST, once	Ordered					

16 Scenario B – Direct Admission of a Patient from the Ambulatory Chemotherapy Unit

There is no activity associated with this scenario. Please remember that the medications that you order on the recurring encounter will only appear on the MAR for the Ambulatory Nurses and not be on the MAR that the Inpatient unit nurses will be using. The Inpatient Unit Nurses will be able to view what the patient has received by viewing the MAR summary, the contents of which are viewable across encounters.





Key Learning Points

As an Ambulatory physician you can navigate and place orders on an Inpatient Encounter.

Orders that have been placed will cross encounters.

The MAR does not cross encounters.



PATIENT SCENARIO 2 – Clinical Trials

Learning Objectives

At the end of this Scenario, you will be able to:

- Navigate Protocol Office Manager (POM)
- Review Clinical Trials already built in POM

BACKGROUND

In this workbook you will learn to navigate the Clinical Trials applications that will be implemented with the new CIS. The terms 'study' and 'protocol' will be used interchangeably throughout the document. **Protocol Office Manager (POM)** provides a view of all the studies that have been built within the system. You would access POM to view available trials for referral.

1



Activity 2.1 – Access Protocol Office Manager (POM)

Click on Protocol Office Manager within the organizer toolbar.

PowerChart Organizer for TestON, Oncologist/Hematologist/Physician, MD
Task Edit View Patient Chart Links Notifications Inbox Help

Message Centre Strate Overview Strate Overview Strate Overview Strate Companies of the Protocol Office Manager PhyPatient Protocol Manager PhyPatient Ph

2 The following views are available. The Action table, seen below, describes the content within each view.



lcon	Action
E eneral	The General view for a protocol displays summary information about the protocol.
2 Eligibilty Checklists	The Eligibility Checklists view for a protocol displays information about the enrolling checklists associated with the protocol. This folder may be empty.
Protocol Roles	The Protocol Roles view for a protocol displays summary information about the roles associated with a protocol.
Documents	The Documents view for a protocol displays information about the documents associated with the protocol.
Milestones	The Milestones view for a protocol displays information about the milestones associated with a protocol.
Revisions	The Revisions view for a protocol displays information about the revisions associated with a protocol.



3 Find the Icon toolbar and review the indication for each icon by hovering over the icon.



- 4
- 1. The list of facilities for which there are study protocols available.
- 2. You can expand by clicking to see further details such as clinics/tumor types and study protocols available.



Key Learning Points

- Clinical Trials has its own functionality within the CIS, Protocol Office Manager.
- POM provides a view of all studies that are available within the system.

1



Activity 2.2 – Find and Review a Protocol within POM

The specific protocols available for your site have been built into the CIS. The study has been entered into **POM** and you would like to view the protocol information. The Protocol Name is CR 1234-567 Keychain TRAIN. The site is Oncology Chemo Clinic at Lions Gate Hospital.

Find your protocol in the 'All Protocols' section by clicking on the Ė and 🛱 as needed

2 When you have selected your protocol (1), click on the **General** view (2). This view will give you access such as, who the Principal Investigator is (3), the date the study was activated (4), the study status (5) and the Initiating Service (site) (6).

Protocols/Amendments	Protocol / Conorol		
<u>& 2</u>	Flotocol / General		
General	🖃 🐓 All Protocols	Name	General Protocol Informa
	🗄 🗁 BC Cancer - Abbotsford Centre	Title	A Phase 3 Random
6	🗄 🚰 BC Cancer - Center Southern Interior		Unresectable or Me
	🗄 🗁 BC Cancer - Centre for the North	Primary Mnemonic	ONC SM CR 1234-5
Eligibility Checklists	🗄 🗁 BC Cancer - Fraser Valley Centre	Protocol Aliases	Secondary Contact
	🕸 🚰 BC Cancer - Vancouver Centre		Primary Contact - Pl
<u>*/</u>	🕀 🚰 BC Cancer - Vancouver Island Centre		REB#-12345
Protocol Roles	EC Children's Hospital		Health Canada NOL
	BC Women's Hospital		Site # - 1234567
		Date of IRB Approval	
	Archive	Date Activated (4)	01-Dec-2017
Documents	ONC SM CP 1224 557 Kouchain TPAIN	Date IRB Approval Expires	
	TEST2 ONC SM CH 1234-367 Revolain THAIN	 Date Closed 	
	TEST ONC SM MK 3475-252 Keynote	Date Completed	
Milestones		Status (5)	Open to Accrual
67-6 7	Element Hospital	Current Site Accrual	1
ő	⊕	Site's Targeted Accrual	6
-0	🛛 🕀 🦰 UBC Hospital	Trial Wide Targeted Accrual	600
Hevisions	🗄 🚝 Vancouver General Hospital	Principal Investigator 3	TestON, Oncologist
		Study Type	Therapeutic
		Phase	III
		Program	Drug
		Participation Type	Interventional
		Treatment Modalities	
		Diseases to be Treated	
		Primary Sponsor	Incyte Corporation
		Secondary Sponsors	
		Initiating Service 🚯	Lion's Gate Hospita
		Protocol Contacts	Grewal, Parvind - Cr
	1		TeetON Oncologiet



3 Click on the **Protocol Roles** view. This will give you access to information such as who the study creator is, who the Research/Clinical Trials Nurse is, who the Study/Data Coordinator is, etc.



- 4 Now click on the **Documents** view. Navigate to see what documents are available here. (Viewable only if provider has been allotted a role to the study).
- 5 Click on the **Milestones** view. You can find the date of study activation under this view. (Viewable only if provider has been allotted a role to the study).
- 6 Click on the **Revisions** view. (Viewable only if provider has been allotted a role to the study).

Key Learning Points

- Use POM to review protocols available and general information about the protocol.
- There are 6 different views in POM where you can find more information about the protocol.



PATIENT SCENARIO 3 – Clinical Research Component and Tab within PowerChart

Learning Objectives

At the end of this Scenario, you will be able to:

- Navigate the Clinical Research Component and tab
- Recall the purpose of the Clinical Research Component and tab
- Access the Prohibited Medications List
- Access contact information for the Study Team

BACKGROUND

The purpose of the **Clinical Research Component** is to provide study specific quick information. It also serves as a visual aid to notify all healthcare professionals the patient is on a study, or has been in the past. The component is hyperlinked to the **Clinical Research** tab, which provides the user with more detailed information about the study.



Activity 3.1 – Navigating the Clinical Research Tab of PowerChart

For this activity, please use the patient assigned to you with the last name of:

Oncology-Phy-ClinicalTrial

1

Open the patient's chart and look at the **Bannerbar** to see the **Process**: field. You may need to hover over the process field if there are multiple alerts to confirm, **On Research Study** process alert, exists.

SCOTT-LEARN, MARY	List 🐘 Recent + Hame + Q.				
SCOTT-LEARN, MARY	DOB:1945-Mar-07	MRN:700004976	Code Status:	Process:On Research Study	Location:LGH OCC MDC
	Age:72 years	Enc:700000008846			Enc Type:Pre-Outpatient
Allergies: No Known Medication Allergie	s, Seafood Gender Female	PHN:9876789696	Dosing Wt88 kg	Isolation:	Attending:

2 Click on the **Provider View** under the **Menu**, and navigate to the **Summary MPage**. Find the **Clinical Research Component**. Click on the **Image** in the right hand corner to expand the view.

Menu	â	🔹 🔹 者 Provider View						į	Full screen 👘 🐡 🤄 r
Provider View	•	A B - B B - C 100% - 0 B	3						
Oncology		Outpatient Chart SI Oncology Triag	e 💱 Summary	23 Chemotherag	w 😫 Ori	ders	23 Roundin	1 13 +	
Results Review			an and some shifts	tool is sense to be					
Orders	🕈 Add	Chemotherapy Review (37)	=• 🕤	Labs			≡• ♠	New Order Entry 📫	≡• ⊘
Medication List	🖶 Add	a Current (25)		All Visits 🐨				Outpatient Prescriptions -	
Documentation	🕈 Add	Name 3 Security States 1 to 4 - C	"Est. 09/01/2018		Today	Prev	ous No	A You are currently viewing a future	encounter. Any order you
Allergies	+ Add	Cycle 1 - ONCP LK ULKMDSA	"Est. 04/01/2018 "Est. 04/01/2018	Oncology Labs (3) Creatinine	-	41	1.2	place will apply to this encounter.	
Diagnoses and Problem	•	The ONC LK ULKMDSA	"Est. 04/01/2018	Chlorida		7 mee	13 mps	Q Snarch New Order	
Histories	1	Cycle 1 - ONCP LK ULKMUSA	*Est. 04/01/2018 15/12/2017	Cinarae		7 mm.		Mine	1.00
MAR Summary		Cycle 2 - ONCP GU GUAJPG	*Est. 05/01/2018	MCV		83		Favorites	
MAR		CINC GI GIFFIRB	13/12/2017			7 mes		Ambulatory In-Office Favorites (Miss	: 1)
Form Browser		Cycle 2 - ONCP GI GIFFIRB	"Est. 04/01/2018 -	Vital Signs 🐳 🐱			≡• ∧	💋 My Plan Favorites	
Patient Information		a Historical (12) - 18/01/2017 to Current		All Visits					
Interactive View and I&I	D.	Cycle 3 - zzONCP LY LYCHOP TESTIN 12/1	0/2017 12/10/2017		Latain vitin	- Dec	evicuti ithis	Clinical Research (0)	=•••

3 Click on the **Contact Name** in order to see more details related to study contact information. Click **Close** when you are done viewing the information.

Ι	Contact Name	ROLE	Organization	Phone Number	
	Grewal, Parvind	Creator/Start Up Coordinator			
ł	Plisvck, Rayford, MD	Sub/Co-Investigator	LGH Lions Gate Hospital	(172)913-2463	
	TestCST, OncologyAmbulatory-	Research/Clinical Trials Nurse	LGH Lions Gate Hospital		=
l	Nurse3 ON				
1	TestCST, OncologyAmbulatory-	Research/Clinical Trials Nurse	LGH Lions Gate Hospital		
	Nurse4 ON				Ŧ
					Close



Hover over the details within the component to discover more protocol information.



5 Click on the **Component** where it says 'Clinical Research' to launch into the **Clinical Research** tab.

Click 🖶 to expand the protocol

< 🔹 👻 İ📅 Clinical Research						
Γ						
Clinical Trial/Study Enrollment History for Patient						
I.	Protocol Name	Enrollment ID	On Study Date	Off Treatmer		
	TEST ONC SM MK3475-252 Keynote	123456	06-Sep-2017			
	JNC SM CR 1234-567 Keychain TRAIN	001	01-Dec-2017			
	Clinical Trial/Study Enrollment History for Patier Protocol Name TEST ONC SM MK3475-252 Keynote JNC SM CR 1234-567 Keychain TRAIN	nt Enrollment ID 123456 001	On Study Date 06-Sep-2017 01-Dec-2017	Off Treatme		

6

4

Select the latest amendment and/or initial trial (1) and then click the \square (2). This opens the Select Documents to view window.





7 Select the Prohibited Drugs document. And click OK.

Select Documents to View	
Select Documents to View Just the facts Prohibited Meds	OK Cancel

Note: The prohibited medications list must be reviewed before ordering any medications for a clinical trial patient.

Click on the 📴 icon (1) which will display additional information about patient consent (2).

< 👻 🕆 h Clinical Research						
Clinical Trial/Study Enrollment History for Patient						
Protocol Name	—					
LAmendment 2 DNC SM CR 1234-567 Keychain TRAIN	Name: SCOTT-LEARN, MARY Consent Name Consent Type Signed Date Returned Date Amendment	Protocol: TEST ONC SM MK3475-252 Keynote				

Key Learning Points

8

- Reviewing the Banner bar for process alerts will help you determine if the patient is on a research study.
- The Clinical Research Component/Clinical Research tab will give you a summary about the study and the contacts for the study.
- Accessing the Prohibited Medications List is done by clicking on the protocol or amendment and then clicking on the documents icon.



PATIENT SCENARIO 4 – Placing Research Orders

Learning Objectives

At the end of this Scenario, you will be able to:

- Recall the naming conventions for research PowerPlans
- Place a Research PowerPlan order

BACKGROUND

You can only order research Regimens/PowerPlans if the patient is enrolled in the study. If you attempt to place a research Regimen order on a patient not enrolled in a study you will receive a popup that states "This patient has not been enrolled in this study." If this occurs, contact your Research Nurse/Coordinator to ensure the patient has been enrolled in PowerTrials.



Activity 4.1 – Practice Activity

While in the clinic you are reviewing your patients scheduled for the day in Ambulatory Organizer. Your next patient scheduled is on a clinical trial. Follow the steps below to place a research order.

For this activity, please use the patient assigned to you with the last name of:

Oncology-Phy-ClinicalTrial



Note: The naming convention for Research protocols is Research_Department_Tumor Type_Protocol Name or #_phase of study treatment. All research PowerPlans will start with 'Research' and the Department code will be followed by P for PowerPlan.

2 Once you have selected the PowerPlan that you are ordering, complete the ordering process by: reviewing all orders within each phase of the PowerPlan, completing missing required details within orders as indicated by ³ icon and signing the orders. If you need guidance with these steps, please reference Activity 1.2 on page 11 or return to Workbook #1.



Key Learning Points

- Remember that research orders and PowerPlans begin with Research.
- Clinical Trial patients need to be enrolled in PowerTrials before you order the Research PowerPlan.
- Oncology Research Nurses will ensure the correct PowerPlan orders are placed.



b End Book Two

You are ready for your Key Learning Review. Please contact your instructor for your Key Learning Review.