Providers Course 1 Participant Guide Computerized Provider Order Entry (CPOE)



Carolinas HealthCare System





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1. PowerOrders

Icon and Buttons

ICON	Description
Å	Search. Click to search for an order within the order catalog window.
S <u>ig</u> n	Sign – Signs the order so it can be processed.
211 minutes ago	As Of (or Refresh) – "As Of …" indicates the last time the data on display was refreshed or updated. Click this button to perform a manual refresh.
⊉∬. E <u>x</u> it	Exit – Closes the application
+	Add Order. Click to add an order. The Add Order window is displayed. This may be replaced by the unified Add button Add, which allows you to Add Orders, Care sets, and Plans.
*	Add Allergy. Click to add an allergy. The Add Allergy/Adverse Effect window is displayed.
⊞ ⊟	Expand and Collapse (Clinical Category). A plus sign indicates that the item (clinical category) can be expanded. The minus sign means that the item is expanded and can be collapsed. Click either symbol to toggle between views.
	Expand and Collapse (Details Pane). Click the up arrow to reveal order details for the item you have selected. Click the down arrow to collapse the pane.
R	Active and Inactive Orders. A check mark indicates that the order is currently active. To inactivate an order, click the check mark to remove it. This action may cause a dialog box to be displayed requiring a reason for discontinuing the order. Orders that are in a final status, such as Completed or Discontinued, do not display check marks because they are no longer active.
8	Order Details Not Complete: Indicates that there are required order details that have not been completed for the orderable.
4 D	Comment Indicators. The icon of a pushpin on a yellow note means that an order comment was entered for the order described on the same line. To view the comment, right-click the order and select Comments. In PowerOrders, order comments (if any) are also displayed on the profile.
	Dose Calculator. Launches the dose calculator.
*	Free Text Allergy. Indicates that an allergy was entered as free text rather than selected from the database. This means that no system checks for drug or food interactions will be done on the allergy described on the same line.



ICON	Description				
66	Nurse Review. This icon indicates that nurse review is required.				
_ •	Prescription Order. Denotes that this order is a prescription.				
يع	Ambulatory Order. Denotes that this order is an ambulatory order.				
Ô	Pending Complete: This icon means that the order has reached its stop date and time. One-time orders display an order status of Ordered in the Status column. They can be completed or canceled but not modified. Continuing orders display a status of Pending Complete and can still be modified.				
8	Phase (Planned Pending). Indicates a phase in a plan. The white Phase icon indicates that it has not been initiated.				
0	Phase (Initiated). Indicates a phase in a plan. The yellow Phase icon indicates that it has been initiated.				
8	Phase (Completed). Phase (Initiated). Indicates a phase in a plan. The gray Phase icon indicates that it has been completed.				
3	Physician Cosign. This icon indicates that physician cosign is required for the order.				
<mark>:알</mark> !	Physician Cosign Refusal. This icon indicates that the physician has refused to cosign the order.				
2	Order. Click to open the (clinical category) Order Details window and place your order.				
	Plan. Indicates a plan has been ordered for the patient.				
Ģ	Reference Text. This icon indicates that reference text is associated.				
30	Renew Indicator - Hard Stop Policy. A red hourglass with a lock signifies a hard stop, meaning the order will be stopped when its expiration time is reached. A user must intervene to continue this order.				
Ξ	Renew Indicator - Soft Stop Policy. A yellow hourglass is displayed for an orderable defined with a soft stop associated with it, meaning that it is recommended that the order be discontinued when the stop time is reached, but the system will not automatically stop the order.				
ي	Rx Verify Indicator. The Rx prescription icon means that the order is subject to pharmacy review and has not yet been reviewed by a pharmacist.				
0	Checking for Incomplete Order Details. The system is checking to see if any required details are missing. Once it is finished checking, it will update it with the Order Details Not Complete icon if any are missing.				
ي و	Rx Refusal Indicator. Indicates that a pharmacist has rejected the order.				
4	Sliding Scale. Opens the Sliding Scale dialog box				
0	Proposal Order. Denotes that this order is a proposal order.				



Order Actions & Status

Order Actions – Meaning

- Modify detail(s) required changing but the order is correct
- **Complete** the order has been carried out to its conclusion.
- **Cancel/DC** order is in a status that is able to be cancelled and the user desires this order to not occur
- **Cancel/Reorder** order is in a status that is able to be cancelled and the user desires to cancel this existing order and place the same order again.
- **Delete** order was placed on the wrong patient or the order was placed in error

Common Order Statuses

- **Order** The order has been entered but not yet signed.
- **Processing** The order has been entered and signed, but the screen has not yet been refreshed.
- **Ordered** The order has been entered and signed and the screen refreshed.
- **Proposal** The order has been proposed to a provider, but the provider has not signed the order.
- **Pending Complete** Future instances of an initial order are still active pending task completion or resulting, or the stop date/time has not yet occurred.
- **Completed** The order has been carried out to its conclusion.
- **Discontinued** The order is no longer active because it was discontinued after the scheduled start date/time and at least one occurrence.
- **Canceled** The order is no longer active because it was canceled before the scheduled start date/time and before any instances occurred.

Radiology Order Statuses

- **Ordered** The order has been entered and signed and the screen refreshed.
- Ordered (Exam Ordered) The order has been entered by Radiology through another system (such as Imagecast).
- Pending Complete (Exam Completed) A preliminary Radiology exam has been performed and a Preliminary Report is available for review. Order cannot be modified.
- **Completed** The order has been carried out to its conclusion.
- Voided Order (Deleted) A Radiology exam was completed in the radiology system (i.e., Imagecast), but the order entered was incorrect. To correct this, the order is "voided" by the Radiology department and a new order for the actual exam performed is created in Imagecast.

Lab Order Statuses

- **Ordered** (**Dispatched**) The order has been entered and signed and the screen has been refreshed.
- Ordered (In-Lab) The Lab has received the order. Order cannot be modified.
 - **Blood Bank/Transfused Products**: An **Ordered (In-Lab)** status indicates the blood has been allocated and is ready for pick.
- **Ordered** (**Preliminary**) Preliminary or partial results have been issued.
- **Completed** The order has been carried out to its conclusion.



Green Canopy Leaf Log In Icon

• Click on the Green Canopy PowerChart Leaf found on the desktop to log into PowerChart. The Canopy leaf is a single sign in. The WebApps Icon should no longer to be used when logging into PowerChart.



• You should no longer need to use the WebApps Icon when logging into PowerChart.



Building a Group or Patient List

Surgeons and Anesthesiologist-Pre-Op Group or Patient List Build

- Patients that are scheduled for future surgeries can be located on a Visit Relationship Patient List with Admitting and Attending Relationships that contain the POP, PSD, and PSP patient types. Once these patients are on your list, you may plan your orders and create precompleted notes in advance of their surgeries.
- For assistance in setting this up, please contact the Physician Access Team at 704-446-6161 option 5 and they will be glad to assist.

1.	Once in PowerChart, the click on the patient list tab. The list will appear gray if you have not yet created a list.	Group List: Displays bedded patients based on the provider group or service you select.
2.	BUILD A PROVIDER GROUP or PATIENT LIST From the organizer, click on the wrench icon (pictured under Patient List Tools) Click on New then Provider Group or Visiting Relationship (for Patient List)	As Of 9:15 EDT



3.					
J.	Select the Group.			-	
	Scroll to the name of the	Select a provider group:			
	group you wish to build.	CMC Dept of OB GYN CMC Dept of Oral Med	O CMC GYN O CMC GYN ONC	C CMC Medicine G Co	
	0	C CMC Dept of Pathology	O CMC HF Transplant	C CMC Myers Park Int	
	Click on the Group name	CMC Dept of Pediatrics CMC Dept of Plastic Surg	CMC Immunotherapy CMC Infectious Disease	C CMC Neonatology	
	then click on Next.	O CMC Eastland Fam	C CMC Infectious Disease		
		O CMC Emergency Medicine	O CMC Liver Transplant Service	C CMC Ortho Surg	
		C CMC Family Medicine C CMC Family Medicine-MAT-CHILD	CMC MED RECORDS USE ONLY OCMC Medicine A	CMC Orthopaedics CMC Pediatric Critic	
		O CMC General Surgery Faculty Practice	O CMC Medicine B	O CMC Pediatric GI	
		O CMC General Surgery Red-B	C CMC Medicine C	O CMC Pediatric Infec	
		CMC General Surgery-Blue CMC General Surgery-Gold	CMC Medicine D CMC Medicine E	CMC Pediatric Psyc CMC Pediatric Surge	
		O CMC General Surgery-Red-A	O CMC Medicine F	O CMC Pediatric Trau	
				F	
		Name CMC Medicine A			
			< Back Next>	Finish Cancel	
4.	Select the Patient	Filter Status and Type			×
	Status you want to use.				
		Select a status:	Select type	15:	
	The standard is Not	O None	None		IPP - Ini
	Discharged.	C Admitted within the last	_	Clinical Case Management	
	•				
		O Discharged within the last	🗹 IP - Inp	patient Admission	🔲 ISA - Inj
	Salast the Detient Type	 Discharged within the last Not discharged 		Quick IP Registration	ISA - Ini IPD - In
	Select the Patient Type			Quick IP Registration Kmedicare IP Only	☐ ISA - In ☐ IPD - In ☐ IPF - Fir
	Select the Patient Type you want to use. Select		□ QIP - 0 □ MIO - 2 □ MIO - 2	Quick IP Registration Kmedicare IP Only Observation	☐ ISA - In ☐ IPD - In ☐ IPF - Fir ☐ QIF - Qı
	you want to use. Select		□ QIP - □ MIO - 2 □ MIO - 2 □ DBS - □ OPP -	Quick IP Registration Xmedicare IP Only <mark>Observation</mark> Outpatient Procedure Patient	ISA - In IPD - In IPF - Fir QIF - Ql IDT - In
	you want to use. Select IP and OBS (See screen		□ QIP - 0 □ MIO -3 □ OPP - □ OPP - □ OOB -	Quick IP Registration Xmedicare IP Only Observation Outpatient Procedure Patient Outpatient OB	ISA - In IPD - In IPF - Fir QIF - Q. IDT - In ER - Err
	you want to use. Select		□ QIP - 0 □ MIO - 3 □ OPP - □ OPP - □ OOB - □ IPR - 1	Quick IP Registration Xmedicare IP Only <mark>Observation</mark> Outpatient Procedure Patient	ISA - In IPD - In IPF - Fir QIF - Ql IDT - In
	you want to use. Select IP and OBS (See screen print to the right)		□ QIP - 0 □ MIO -> □ OBS - □ OPP - □ OOB - □ IPR - I □ IPH - I	Quick IP Registration Xmedicare IP Only Observation Outpatient Procedure Patient Outpatient OB npatient Rehab	ISA - Inq IPD - In IPF - Fir QIF - Qt IDT - In ER - Er QER - C ERM - E
	you want to use. Select IP and OBS (See screen	Not discharged	□ QIP - 0 □ MIO - 3 □ OPP - □ OPP - □ OOB - □ IPR - 1	Quick IP Registration Xmedicare IP Only Observation Outpatient Procedure Patient Outpatient OB npatient Rehab	ISA - In IPD - In IPF - Fir QIF - QL IDT - In ER - Er QER - C
	you want to use. Select IP and OBS (See screen print to the right)	Not discharged Time: Units:	□ QIP - 0 □ MIO -> □ OBS - □ OPP - □ OOB - □ IPR - I □ IPH - I	Quick IP Registration Xmedicare IP Only Observation Outpatient Procedure Patient Outpatient OB npatient Rehab	ISA - Inq IPD - In IPF - Fir QIF - Qt IDT - In ER - Er QER - C ERM - E
	you want to use. Select IP and OBS (See screen print to the right)	Not discharged	□ QIP - 0 □ MIO -> □ OBS - □ OPP - □ OOB - □ IPR - I □ IPH - I	Quick IP Registration Xmedicare IP Only Observation Outpatient Procedure Patient Outpatient OB npatient Rehab	ISA - Inq IPD - In IPF - Fir QIF - Qt IDT - In ER - Er QER - C ERM - E
	you want to use. Select IP and OBS (See screen print to the right)	Not discharged Time: Units: Days	□ QIP - 0 □ MIO -> □ OBS - □ OPP - □ OOB - □ IPR - I □ IPH - I	Quick IP Registration Xmedicare IP Only Observation Outpatient Procedure Patient Outpatient OB npatient Rehab npatient Mt Holly	ISA - Inq IPD - In IPF - Fir QIF - Qt IDT - In ER - Er QER - C ERM - E
	you want to use. Select IP and OBS (See screen print to the right)	Not discharged Time: Units: Days	QIP - 0 MIO - 3 OPP - OOB - IPR - 1 IPR - 1 IPH - 1	Quick IP Registration Xmedicare IP Only Observation Outpatient Procedure Patient Outpatient OB npatient Rehab npatient Mt Holly	ISA - Inq IPD - In IPF - Fir QIF - Qt IDT - In ER - Er QER - C ERM - E
	you want to use. Select IP and OBS (See screen print to the right)	Not discharged Time: Units: Days	QIP - 0 MIO - 3 OPP - OOB - IPR - 1 IPR - 1 IPH - 1	Quick IP Registration Xmedicare IP Only Observation Outpatient Procedure Patient Outpatient OB npatient Rehab npatient Mt Holly	ISA - Inq IPD - In IPF - Fir QIF - Qt IDT - In ER - Er QER - C ERM - E



Selecting the Correct Encounter

- Selecting the correct encounter is very important to ensure document is correctly "filed". For example, if Pre-Op H&P is completed on an ambulatory office encounter, it will not file correctly for the surgical encounter and will have to be redone on the day of surgery.
- The patient may have multiple encounters in the same day, so it is important to choose the encounter associated with the visit. Be sure to look at the encounter type as well as the date.



OPP vs. OBS

- When is the status OPP vs. OBS?
 - If a patient starts out in ED goes to OR and gets admitted status should be OBS
 - If a patient starts out as OPS, prescheduled and gets admitted the admit status should be OPP, even if the patient stays overnight and goes home the next day, if no complications.

Exception: OPP comes in for surgery, plans were to go home, but in PACU, patient develops hypoxia & needs CPAP or further monitoring due to a complication.

- It is physician's discretion, based on the assessment (severity of illness, intensity of service) & medical judgment whether he/she should make the pt an OBS or IP status. If he/she thinks the complication will resolve & likely will discharge the next day, probably should be OBS. If more critical, then should be IP.
- As always, documentation should be present in the medical record to support the findings.

Orders Profile

• The **Navigator** comprises the left side portion of the screen, and contains a list of clinical categories under which the orders are organized.



Orders Medication List					
	Paulanet	Al Arthur Or	ders All Inactive Orders	All Condense (All Strategieses)	
View	1.81	12	Didei Name	Statut	Datais
- Orders for Signature	= Pati	ent Status			
Hens		1	Admit/Change Patient	Ordered	05/05/11 19:57:00 EDT Inpatient TESTEV, AMBIPPNEV EV Observation Bird Specially Care: None
PEDS NB Rh Negative or Blood Type O Mothe		(1 (CR)	Admit/Change Patient	Discontinued	05/05/11 19 23:00 EDT Instalient TESTEV, AMBIPPNEV EV Observation Bed Specially Care. None
PEDS NE Rh Negative or Blood Type O Mothe	- Con	dition/Prec.			
ADULT MED Admission (Planned)		111 GR	Code Status	Discontinued	05/05/11 19 23:00 EDT Boutine No Code Blue Constant Indicator
MED Alcohol Withdrawal (Planned)	- Vila	Signa			
PEDS NEO Admission NICU (Initiated)		60.83	Vital Signs	Ordered	05/23/11 19 40:00 EDT Routine offic Until Stable
ADULT MED Admission (Discontinued)		60.03	Vital Signa	Pending Complete (D)de	05/23/11 15:40:00 EDT Routine after for 4 http://doi.05/23/11 19:39:00 EDT On administron
Suggested Plans (0)	= Pati	not Care			
III Orders		60.03	Nursing Task	Ordered	06/06/11 2 00 00 EDT Routine Once Stop. 06/06/11 9:00:00 EDT Draw Newborn Metabolic Screen
2 Patient Status		V 60° 49	Cardiac Monitor	Ordered	Continuous 05/23/11 15 40:00 EDT Routine Constant Indicator
- M Condition/Precaution		1 60 03	Intake and Output	Ordered	Stict 05/23/11 15:40:00 EDT Routine dShift (every shift-8 hours)
- i≝ Vital Signs		60.03	Nasogastric/Orogastric	Ordered	05/23/11 15 40 00 EDT Routine Once Stop. 05/23/11 15 40 00 EDT
- 🔛 Activity		- 60° 63	Notify Provider Abnorm	Ordered	05/23/11 15:40:00 EDT Blood glucose less than 45 mg/dl or greater than 150 mg/dl Constant Indicat
In Patient Care		66 49	Notity Provider Patient	Ordered	05/23/11 15:40:00 EDT Changes in neonatal behavior: lethargy, seizures, hypotonia, initability, vomitir
and Medications		V 60° 63	Notity Provider Vital Sig.	Ordered	05/23/11 15:40:00 EDT, Temp Less Than 97.4 Temp Greater Than 100.4, Routine
- III IV Solutions		60 43	Notity Provider Vital Sig.	Ordered	05/23/11 15:40:00 EDT, RR Greater Than 70, Respiratory distress, flaving, grunting, retractions, or cy-
- M Laboratory		60'83	Notify Plovider Vital Sig.	Ordered	05/23/11 15:40:00 EDT, HR Less Than 80 HR Greater Than 180. Routine
- Lil Radology		~	Invasive Tracking	Ordered	05/06/11 8:00:00 EDT Routine Daily (Cinical)
- El Diagnostic Tests		1	CMC Pineville Nursing	Ordered	05/05/11 10:50:43 EDT Routine Constant Indicator
LLI Special			Charges		Placed by Discern Expert Rules CHSADT_NURSING_CHARGES
of Consults		1	Education Teaching	Ordered	05/05/11 10.50.42 EDT Routine Constant Indicator
I Therapy Departments -			Record		Order placed automatically by system at admission
- Lill Bed Management		~	Events/Procedures/No.		05/05/11 10.50 42 EDT Routine Constant Indicator
- Lil Medical Equip and Supplies			4 - 7 - 7 PM 7	29. L	PERFORMANCE AND A CONTRACT OF

- Any clinical category on the navigator that appears in bold type with a checked box beside it is displayed on the Orders Profile, along with the corresponding orders. Only clinical categories containing orders will be displayed.
- The Orders Profile, which is the right side portion of the screen, is where the orders and associated order details are displayed and organized under the appropriate clinical category. Clinical categories appear in a light blue banner, and the Orders appear beneath them, in white.

Г	S	8	Order Name	Status	Details
Ē	Patie	nt Status			
T		1	Admit/Change Patient	Ordered	05/05/11 19:57:00 EDT Inpatient TESTEV, AMBIPPNEV EV Observation Bed Specialty Care: None
t			Admit/Change Patient	Discontinued	05/05/11 19:23:00 EDT Inpatient TESTEV, AMBIPPNEV EV Observation Bed Specialty Care: None
Ē	Cond	ition/Prec	aution		
T			Code Status	Discontinued	05/05/11 19:23:00 EDT Routine No Code Blue Constant Indicator
Ē	Vital	Signs			
ī	×	66' 🖪	Vital Signs	Ordered	05/23/11 19:40:00 EDT Routine q4hr Until Stable
ī		661 💽	Vital Signs	Pending Complete (Orde	. 05/23/11 15:40:00 EDT Routine q1hr for 4 hr(s) Stop: 05/23/11 19:39:00 EDT On admission
E	Patie	nt Care			
T	×	1 66' 📴	Nursing Task	Ordered	06/06/11 9:00:00 EDT Routine Once Stop: 06/06/11 9:00:00 EDT Draw Newborn Metabolic Screen
T		66 🗈	Cardiac Monitor	Ordered	Continuous 05/23/11 15:40:00 EDT Routine Constant Indicator
Ī		66 🗈	Intake and Output	Ordered	Strict 05/23/11 15:40:00 EDT Routine qShift (every shift-8 hours)
Î		66' 🗈	Nasogastric/Orogastric	Ordered	05/23/11 15:40:00 EDT Routine Once Stop: 05/23/11 15:40:00 EDT
T		a 🖌 🖌	Notify Provider Abnorm	Ordered	05/23/11 15:40:00 EDT Blood glucose less than 45 mg/dl or greater than 150 mg/dl Constant Indica
I		66 🗈	Notify Provider Patient	Ordered	05/23/11 15:40:00 EDT Changes in neonatal behavior: lethargy, seizures, hypotonia, irritability, vomit
ī		1 66 🗈	Notify Provider Vital Sig	Ordered	05/23/11 15:40:00 EDT, Temp Less Than 97.4 Temp Greater Than 100.4, Routine
Ī		a 66° 💽	Notify Provider Vital Sig	Ordered	05/23/11 15:40:00 EDT, RR Greater Than 70, Respiratory distress, flaring, grunting, retractions, or cy
I		66 🗈	Notify Provider Vital Sig	Ordered	05/23/11 15:40:00 ED T, HR Less Than 80 HR Greater Than 180, Routine
T		/	Invasive Tracking	Ordered	05/06/11 8:00:00 EDT Routine Daily (Clinical)
Ī		/	CMC Pineville Nursing	Ordered	05/05/11 10:50:43 EDT Routine Constant Indicator
I			Charges		Placed by Discern Expert Rules CHSADT_NURSING_CHARGES
Γ	*	/	Education Teaching	Ordered	05/05/11 10:50:42 EDT Routine Constant Indicator
			Record		Order placed automatically by system at admission
I		1	Events/Procedures/No	Ordered	05/05/11 10:50:42 EDT Routine Constant Indicator

- Information appearing on the Orders Profile includes:
 - Clinical category (i.e., Diet, Radiology, Patient Care)
 - Order name

- Order status (i.e., Ordered, Ordered (Dispatched), Canceled, Completed, etc.)
- Order details (i.e., start date/time, frequency, duration, etc.)
- Order comments (i.e., additional instructions regarding the patient order)
- Special Instructions (free text to add specificity not outlined in the order details fields)
- Clicking on the name of the clinical category in the Navigator will scroll the Orders Profile directly to that category.

Allergies	E	3 Patient	Care		
 No known allergies Diagnoses 			Incomplete Med List - Follow Up Needed	Completed	Stop: 10/10/07 12:23:54 EDT Provide Adam with meaningful messag
Orders Gondition/Precaution Wital Signs		R	Document Tubes and Drainage (Empty Record an	Ordered	10/10/07 12:19:00 EDT Routine q4hr
M Activity M Diet		R	CMC University Nursing Charges	Ordered	09/17/07 9:29:21 EDT Constant Indic Placed by Discern Expert Rules CHSA
Patient Care		M	Education Teaching Record	Ordered	09/17/07 9:29:21 EDT Constant India Order placed automatically by system.



• The **Display** field, located above the Orders Profile, is used to filter the types of orders that are displayed on the profile. The standard setting is "All Orders (All orders, 5 days back), but other options are available if desired. Click on the description of what is showing to bring up the window to change the filter.

Displayed: All Active Orders | All Inactive Orders | All Orders 5 Days Back

Order Entry

Selecting Orders

- 1. On the PowerOrders tab, click the **Add** button.
- 2. The field to the right shows what type of order you are placing. Most of the time you will not need to change this field.
 - Acute Care Facility order used while the patient is in the hospital
 - **Discharge Meds as RX** a prescription give to the patient when they leave.
 - Document Medication by HX document historical medications the patient is taking at home.



3. In the **Find** field of the **Add Order** window, type in the **name** (or the first few letters) of the orderable, then click the **binoculars**.

🧏 PITAC, TESTING - Add O	Irder				
PITAC, TESTING Inpatient [5/3/2011 15:06		Age:58 years DOB:5/3/1953	Sex:Male MRN:1111111111	Loc:CLIN Doc Ns * Account #:111111	-
Find:		▼ Type: 👘 Acute C h within: All		ZEPACT DUMMY ORG	•
	Type in the r few letters) c				

- 4. Highlight the appropriate **order** (hover over it with the mouse pointer until it turns **blue** and **underlined**), then click <u>once</u> to select. The order has been added to the order scratchpad when it turns bold and blue.
- 5. Multiple orders can be selected prior to proceeding to the order details by searching for and clicking once on each orderable. Once all of the desired orders have been selected, click Done to proceed to the order details.



Eind:	Inpatient [5/3/2011 15:06 - <no -<br="">Discharge date>]</no>	Acute Care Facility
🛋 🖾 😒 🖬 Folder:	Search <u>w</u> ithin: All	• A
Vital Capacity Vital Signs Vital Signs (CR) Vital Signs for Restrictive Intervent Vital Signs POC Vital-D	ion	

• If after clicking Done the order details screen does not appear or disappear after each detail is selected, *right click* on the order and verify that **Enable Edit on the Line Mode** does <u>not</u> have a check beside it. If it is checked, click to uncheck it.

Entering the Order Details

- Once an order is selected, the **Details** screen displays at the bottom of the Orders Profile to allow specific details and information about the order to be entered.
 - In some instances, a detail value will auto-populate with a predetermined value. Review the defaulted values and make changes if necessary.
 - On Radiology orders, the Mode of Transportation will default in based on what the nurse has documented in the Transport Mode form.
- Order Details are designated as either **required** or **optional**.
 - **Required** order details are noted in **bold** type and highlighted **yellow**, and must be addressed before the order can be processed.
 - **Optional** order details are those which are helpful but not required.
- Highlight each **detail** and enter the appropriate detail value by selecting it from the list or by typing it in as free-text.

🛛 😰 🖓 Details 🛛 📴 Order Comments					
₽ % lin. ♀ ×					
*Requested Start Date/Time: 05/26/2011	÷ 🔹 1949 ÷	EDT	*Priority:	Routine	~
*Frequency:	¥]	PBN:	O Yes O No	
Duration:			Duration unit:		~
Stop Date/Time: **/**/****	÷ 🔹	EDT S	pecial Instructions:		
Preprocessing Script:			l		

- Note--Typing **t** in the date field and **n** in the time field will enter the current date and time.
- Note--When entering Lab orders for cultures or urinalysis, make sure to specify the site and other clinical details (i.e., clean catch, voided, indwelling catheter) in the **Special Instructions** field of the order details.
- If a detail is empty and it is mandatory a blue circle icon will appear next to the order on the Orders for Signature window. The order detail is also highlighted **yellow**. (E.g. Reason for exam)



The <u>I Missing Required Details</u> button, which appears below the order details screen, indicates how many required details are missing. Click this button or to go directly to each missing required detail.

■ Details for Vital Signs	
*Requested Start Date/Time: 05/26/2011 🗧 🕇 1949 🖨 EDT	*Priority: Routine
*Frequency:	PRN: O Yes O No
Duration:	Duration unit:
Stop Date/Time: **/*** + - EDT	Special Instructions:
Preprocessing Script:	
1 Missing Required Details	Sign

• The exception to this is if the field has radio buttons, then it will NOT be highlighted in yellow. The label will be bolded with an * in front of it.

Details for Oxygen	Nasal Cannula						
Details Details Orde	er Comments 🛛 🕑 Offset Details	V Diagnosis	\backslash				
† ≌ III. ↓ ×							
Requested Start Date/Time:	× /× /×××	EDT		*Settings per Approve	ed RT Protocol:	O Yes O No	1
Flow Rate(L/min):					FIO2 For Peds:		
*Priority:	Routine	×			*Frequency:	q12h	~
Duration:	ļ		This is	a required field	Duration Unit:		~
PBN:	C Yes C No		1111515	a required field	al Instructions:		
Isolation Code:		~					

Nursing Communication: Advancing Diet Order

- Advancing Diet order is a nursing communication order:
 - It is not an actual diet order and displays under the Patient Care clinical category on the orders profile
 - Start diet and goal diet fields are entered by the ordering provider and the RN will implement accordingly



	Age:53 years	Sex:Male	Loc:Atrain; A003; 01	* Allergies *
narge date>]	DOB:11/10/1958	MRN:0000106003	Account #:1020006003	
😌 😊 🖌 🚰 Orders				🍊 Print 🛷 O minutes ag
PowerOrders				
		actions External Rx History Rx Plans	0): Error - Status	ds History 😗 Adm. Meds Rec 😗 Disch. Meds Rec
Orders Medication List Doc	ument in Plan			1
	Index Name Status ount #:1020006003 Admit: 6/18/20 Advancing Diet Order		, Start Diet: Full Liquids, Goal Diet: Consistent Carbohy	drate Diet
Details for Advance	Comments \ 🕞 Diagnosis \			
+ % In. • ×				
	/Time: 06/23/2012 \chi \chi 0037	EDT V Spec	Start Diet Full Liquids	v
0 Missing Required Details	Dx Table			

Placing a Tapering Dose medication order

• 1. From the PowerOrders tab, select the ADD+ button. Search for the desired drug in the Find window.

RXBTEST, MEDICATION1 - Add Order			
RXBTEST, MEDICATION1	Age:43 years	Sex:Male	Loc:5TC; 5905; 01
Inpatient [3/11/2011 10:33 AM - <no -="" date="" discharge="">]</no>	I DOB:2/20/1968	MRN:7898106546	Account #:4454067676
Diagnosis (Problem) being Addressed this Visit Add To Convert Display: All Clinical Dx Code Acute congestive heart failure 428.0	Eind: prednisone		Advanced Options Type

• 2. From the list of available order sentences, select any of the the pre-built sentences so that the appropriate Drug Form will automatically default into the order. NOTE: Do not select the NONE option. Then select the OK button.



⊢ Dia	agnosis (Problem) being Addressed this Visit-	E	ind:	🛱 Starts with 💌	Advanced Options 💌	Туре:
+	Add 🐎 Convert Display: All		🗚 🚮 🚖 🖣 🗀 Folder:	Search <u>w</u> ithi	in: All	•
	Clinical Dx Code Acute congestive heart failure 428.		predniSONE			
		Crder Sentences				
		Order sentences for: pre	dniSONE			
		(None) 1 mg per Tablet ORAL (5 mg, Solution, ORAL, (10 mg per Tablet ORAL 10 mg per Tablet ORAL 10 mg per Tablet ORAL	Daily . BID (2 times a day)	Select any of t		
	oblems	10 mg per Tablet ORAL 10 mg per Tablet ORAL	. Once . QID (4 times a day)	order sentences that an appropr		
N:	■ Add **, Convert Display: All	 15 mg per Tablet ORAL 15 mg per Tablet ORAL 2.5 mg per Tablet ORAL 	. gAM (every morning)	Drug Form will default in the o	1 -	
		20 mg per Tablet ORAL 20 mg per Tablet ORAL 20 mg per Tablet ORAL	. BID (2 times a day)	Do not select t		
		20 mg per Tablet ORAL 20 mg per Tablet ORAL	. DailyWMB (daily with breakfast) . Once	NONE option.		
		30 mg per Tablet ORAL 30 mg per Tablet ORAL	. BID (2 times a day) . Daily		_	
		Reset		ОК	Cancel	
		J				
3	3. When the order details win	ndow appears, sele	ct the Tapering Dose	Icon		
Orde	rs Medication List					
	Orders for Signature					
	Image: Second state Image: Second state Image: Second state Image: Second state Image: Second state Image: Second state Image: Second state Image: Second state	Status Start	: Details			
	🔲 👘 🗙 predniSONE	Order 9/7/ EDT		. Routine, 9/7/2011 1:17 Pl	M EDT, 14 day(s), St	op date 9/21/2
ŀ	1.001					
	Details for predniSONE					
	Details	nts \le Diagnosis \				
	+ & III			-	dministrations: 15	Stop: 9/21/
	Com <mark>Taper Dosing</mark>			*D)ose:	
	*Drug Form:	~		*Route of administra	ation: 🥚 ORAL	
	*Frequency: 🥥 Daily	~]		PRN:	
	Pharmacy order priority: Routine	•	*Rec	quested start date and	time: 9/7/2011 1:1	7 PM EDT
	Duration: 🔷 14 davísì	•		Stop date and	1 time: 09/21/2011	
	2 Missing Required Details Dx Tab	le				

• 4. The Taper window will open, and the previously selected order sentence will appear as the START Dose. The Taper Details section will display with several blank fields:



📒 predniSONE Ta	per						
RXBTEST, Inpatient [3/11/20	MEDICATIC 011 10:33 AM - <n< th=""><th>)N1 o - Discharge date>]</th><th>Age:43 years DOB:2/20/1968</th><th>Sex:Male MRN:789</th><th>8106546</th><th>Loc:5TC; Account</th><th>5905; 01 :4454067676</th></n<>)N1 o - Discharge date>]	Age:43 years DOB:2/20/1968	Sex:Male MRN:789	8106546	Loc:5TC; Account	5905; 01 :4454067676
predniSONE							
*Dose	*Unit	*Re	oute	*Frequency		*Start	
	40 mg	PO 🔒 💌	RAL	Daily		09/07/2011	÷ - 1317
Taper details	by by		▼ every				
*Final dose		mg	 Stop final dose after C Continue until instructed to stop 	day(s) P	Calculate Steps		
Planned regimen							
Dose	Unit	Route	Frequency	Star	t		Last Dose

5. Complete each of the fields in the Taper Details section. Then click on the Calculate Steps button. NOTE: When designating how often to reduce a dose in the EVERY field, utilizing a DOSES measure will create a more accurate calculation than using a DAYS measure, since the system may calculate on a 24 hour basis rather than a midnight to midnight basis.

	MEDICATIO 011 10:33 AM - <no< th=""><th></th><th>Age:43 >] DOB:2/</th><th>years 20/1968</th><th>Sex:Male MRN:7898106!</th><th></th><th>.oc:5TC; 59(\ccount #:44</th></no<>		Age:43 >] DOB:2/	years 20/1968	Sex:Male MRN:7898106!		.oc:5TC; 59(\ccount # :44
predniSONE							
*Dose	*Unit 40 mg	× 5	*Route		F requency Daily	*Sta	art /07/2011 📑
Taper details Reduce	▼ by	10 mg	▼ every	1 dose	e(s)		
*Final dose	5	mg	Stop final do C Continue unt	se after 3 de il instructed to stop		culate Steps	

6. The system will then create a Planned Regimen utilizing the parameters entered in the Taper Details:



predniSONE T	aper				
XBTEST, patient [3/11/2	, MEDICAT 2011 10:33 AM -	ION1 <no -="" dat<="" discharge="" th=""><th>Age:43 year e>] DOB:2/20/19</th><th></th><th>Loc:5TC; 5905; 106546 Account #:4454</th></no>	Age:43 year e>] DOB:2/20/19		Loc:5TC; 5905; 106546 Account #:4454
redniSONE					
Start					
*Dose	*Unit		*Route	*Frequency	*Start
	40 mg	-	ORAL	Daily	▼ 09/07/2011 ₹
Taper details-					
Reduce	т Бу	10 mg	▼ every	1 dose(s)	
,		13			
*Final dose		5 mg	Stop final dose after	3 dose(s)	Calculate Steps
	,		C Continue until instruction	cted to stop	
Planned regimer	2				
Dose	Unit	Route	Frequency	Start	Last
40	mg	ORAL	Daily	9/7/2011 1:31 PM_America/	New_York 9/7/2011 9:00 PM Am
30	mg	ORAL	Daily	9/8/2011 9:00 AM America/	/New_York 9/8/2011 9:00 AM Am
20	mg	ORAL	Daily	9/9/2011 9:00 AM America/	/New_York 9/9/2011 9:00 AM Am
10	mg	ORAL	Daily	9/10/2011 9:00 AM America	a/New_York 9/10/2011 9:00 AM An
5	mg	ORAL	Daily	9/11/2011 9:00 AM America	a/New York 9/13/2011 9:00 AM An

7. You may edit any of the lines in the Planned Regimen section by highlighting it and then modifying the desired fields. In the example below, the first row of the Planned Regimen was changed from 40 mg ORAL Daily for 1 dose, to 20 mg ORAL BID (2 times a day) for 2 doses. You do not need to click the Calculate Steps button again.

	MEDICAT 2011 10:33 AM -	'ION1 <no -="" date="" discharge="">]</no>	Age:43 years DOB:2/20/1968	Sex:Male MRN:78981065	Loc:5TC; 5905 46 Account #:445
redniSONE					
Start					
*Dose	*Unit	-	Route	*Frequency	*Start
	40 mg	▼ 5	ORAL	▼ Daily	09/07/2011
Taper details —					
Reduce	💌 by	10 mg	▼ every	1 dose(s)	
*Final dose		5 mg	 Stop final dose after Continue until instructed to 		ulate Steps
Planned regimen					
Dose	Unit	Route	Frequency	Start	Las
20	mg	ORAL	BID (2 times a day)	9/7/2011 1:31 PM_America/New_	York 9/7/2011 9:00 PM Arr
30	mg	ORAL	Daily	9/8/2011 9:00 AM America/New_	York 9/8/2011 9:00 AM Am
20	mg	ORAL	Daily	9/9/2011 9:00 AM America/New_	York 9/9/2011 9:00 AM Am
10	mg	ORAL	Daily	9/10/2011 9:00 AM America/Nev	/_York 9/10/2011 9:00 AM A
5		ORAL	Daily	9/11/2011 9:00 AM America/New	y York 9/13/2011 9:00 AM A



• 8. You may add extra rows to the regimen by clicking on the PLUS sign on the last row. Alternatively, if you click on the MINUS sign, it will remove the last row of the regimen.

Unit	Route	Frequency	Start	Last Dose	Doses	
mg	ORAL	BID (2 times a day)	9/7/2011 1:31 PM_America/New_York	9/7/2011 9:00 PM America/New_York	2 Dose(s)	
mg	ORAL	Daily	9/8/2011 9:00 AM America/New_York	9/8/2011 9:00 AM America/New_York	1 Dose(s)	a a r
mg	ORAL	Daily	9/9/2011 9:00 AM America/New_York	9/9/2011 9:00 AM America/New_York	1 Dose(s)	
mg	ORAL	Daily	9/10/2011 9:00 AM America/New_York	9/10/2011 9:00 AM America/New_York	1 Dose(s)	
mg	ORAL	Daily	9/11/2011 9:00 AM America/New_York	9/13/2011 9:00 AM America/New_York	3 Dose(s)	
						C

- 9. After you have made all of the edits to the regimen and are satisfied with the order, click on the SIGN button at the bottom of the screen.
- 10. The new Taper order will display in the ORDERS tab, along with the TAPER icon. You may click on the plus sign beside the order to see the underlying order sentences.

Powe	rOrders			
+ A	idd 🛛 🍣 Docur	nent Medication by Hx 🛛 🚴 Che	ck Interactions	
Orde	ers Medicatio	n List		
M	Display: All A	ctive Orders	•	
	<u></u>	ମ୍ମି Order Name	Status	Details
	📃 Medicati	ons		
	⊞ ⊻∣	II. predniSONE Taper	Ordered	
		6' tamotidine (Pepcid) (tamotidin 20mg/2 mL Inj)	e Urdered	20 mg per 2 mL Injection IV (INTRAVENUUS) PRN (As needed) PRN Uther (see commer 14 day(s), Stop date 09/11/11 14:00:00 EDT
		6 ⁴ sodium chloride (sodium chloride 23.4% 4mEa/ml Ini	Suspended	4 mEq per 1 mL Injection ORAL q10min, 08/28/11 12:50:00 EDT, 14 day(s), Stop date 09

		cation by Hx 🛛 🕭 Check Inter	actions	
ders Medical	tion List			
Display: All	Active Orde	rs 💌]	Customize V
8	7	Order Name	Status	Details
	lb.	predniSONE Taper	Ordered	
	👌 🐻 📊.	predniSONE (predniSONE 20 mg Tablet)	Ordered	40 mg per 2 tablet Tablet ORAL BID (2 times a day), Routine, 09/07/11 13:31:00 EDT, 2 dose(s), Stop date 09/08/11 8:59:00 EDT
	🖻 🚳 📶	predniSONE (predniSONE 10 mg Tablet)	Ordered	30 mg per 3 lablet Tablet ORAL Daily, Routine, 09/08/11 9:00:00 EDT, 1 dose(s), Stop date 09/09/11 8:59:00 EDT
	👌 🚳 📊.	predniSONE (predniSONE 20 mg Tablet)	Ordered	20 mg per 1 tablet Tablet ORAL Daily, Routine, 09/09/11 9:00:00 EDT, 1 dose(s), Stop date 09/10/11 8:59:00 EDT
	👌 🚳 📊	predniSONE (predniSONE 10 mg Tablet)	Ordered	10 mg per 1 tablet Tablet ORAL Daily, Routine, 09/10/11 9:00:00 EDT, 1 dose(s), Stop date 09/11/11 8:59:00 EDT
	👌 🚳 📊	predniSONE (predniSONE 5 mg Tablet)	Ordered	5 mg per 1 tablet Tablet ORAL Daily, Routine, 09/11/11 9:00:00 EDT, 3 dose(s), Stop date 09/14/11 8:59:00 EDT
	🖻 🚳 📊.	predniSONE (predniSONE 1 mg Tablet)	Ordered	1 mg per 1 tablet Tablet ORAL Daily, Routine, 09/14/11 9:00:00 EDT, 3 dose(s), Stop date 09/17/11 8:59:00 EDT

***NOTE:** At Discharge, the tapering dose schedule has to be entered in **Special Instruction**.



Order Entry Updates

Echo Cardiogram and Stress Test Orders-Addition of Reading Provider Field

Reading Provider:	
,	

NM Cardiac Study Orders-Addition of Lexiscan

*Select Drug or Exercise Type -:	· ·
Ordering Provider Instructions: *Cardiac Enzymes Pending?:	Adenosine Cardiolite Dipyrdomole Dobutamine
	Lexiscan Other (Please Specify n Instructions)
	Persantine Thallium

- Changing Attending Physician Order Process
 - If the Attending physician needs to be changed, place **Change Attending MD** order. Add the new attending in the **Change Attending MD to**: field

▼ Details for Change Attending MD				
B Order Comments E Diagnosis				
*Requested Start Date/Time: 01/05/2012 # I 1322 # EST				
Priority: Routine				
*Change Attending MD to:: 🎽				
Requestors Name and Ext:				
Special Instructions:				

- Admit/Change Patient Status Order
 - There should only be one active Admit/Change Patient Status order at a time
 - Previous orders should be discontinued when a new one is entered
- Ordering Advancing Diet
 - When ordering "Advance Diet" include the instruction for advancing the diet in the **Special Instructions** field.
 - There can only be two diet orders placed on a patient, however; of those orders have to be for a future date.

Verbal vs. Telephone Orders Process

Verbal orders



Verbal orders are appropriate in very limited situations: Physicians is scrubbed in surgery, emergent code situations.

Telephone orders

Nursing may assist in placing telephone orders when a physician does not have access to a computer. Physicians will be expected to stay on the phone with the nurse to address all alerts, decision support and order details until the order is active in the system. Failure to do so could result in multiple calls back to the physician.

Standing Orders and Protocols

Standing Orders

• A standing order is an institutional order and is placed and carried out for all patients who meet the ordering criteria. The standing order is placed and carried out without a specific physician order to do so and only requires a physician co-signature if this signature is required by regulation or reimbursement.

Protocols

• A protocol order is an order that is placed and carried out as part of a protocol that has been ordered by a physician. The physician must place an order for the protocol but each individual order that is part of the protocol does not require an additional physician order.

Process

- RN will implement paper standing orders per the criteria provided
- Orders will be entered by nursing as they are today
- Communication type of "CPOE Standing Order will be used"

Currently there are two standing orders that are built as PowerPlans:

- PEDS NB Standing Late Preterm Newborn Care 34 to 36.6 Weeks
- PEDS NB Standing Normal Newborn Care 37 Weeks Plus

Process

- RN will implement protocols on paper as ordered electronically by physician
- RNs will modify PowerPlan protocols as listed on handout per parameters within protocol

*Note: Use of Canopy EMR does not replace need for verbal communication between physician and clinician. For example, if a stat order for a patient is entered; appropriate process would be to notify the nurse verbally to take action on the order.

Laboratory Order Details

- A Nurse Collect field will be visible on Laboratory orders.
 - This field can be left alone. The system will automatically manage it.
 - Non-blood labs, Microbiology, and Blood Bank orders will be set to Yes. This will cause a requisition to print on the floor and in the Blood Bank with the order details.



- Labels will not be printed because these must be hand labeled..
- When entering Lab orders for cultures or urinalysis, make sure to specify the site and other clinical details (i.e., clean catch, voided, indwelling catheter) in the **Special Instructions** field of the order details.

Lab Order Process-QAM

 Lab orders with a QAM frequency has a 6am time stamp. Actual draw time may vary depending on the facility. QAM labs orders placed after 0600 will begin the next day. For Qam lab orders, do not change the **Requested** Start date/time.

Lab Order Process – QAM or Once In AM Rule

• When a provider selects a prebuilt sentence containing the details "qam" or "once in am" and attempts to change the "start date/time" on the scratchpad, an order entry alert window will appear:

Discern:	
œ	ORDER ENTRY ALERT
The qAM (every morning) and Once in AM Lab orders are defined at a pre- set time regardless of the date/time you have entered. If you would like to order the Basic Metabolic Panel with GFR at a specific date/time, please check MODIFY and use q24hr frequency and a Timed priority – or select OK to continue with order as entered.	
Alert Action	
	ОК

- Selecting "modify" and "ok," will allow the provider to return to the scratchpad to enter the following information into the required fields: q24hr in frequency field, timed in priority field, specific date and time in the designated field.
- Each order will generate a separate order entry alert, unless the above details are altered on the scratchpad for every order. For example, if 4 tests are entered incorrectly, 4 alerts listing each test individually will appear to provide the option to modify order details. Providers can eliminate subsequent alerts by correcting ALL orders on the first return to the scratchpad.
- Note: The order entry alert is a "soft" stop. The provider can bypass this screen by leaving the "modify" option deselected and selecting "ok"

Lab Order Process-Routine/Timed

• A priority of **Timed** orders should be used when a lab should be drawn at a specific time due to a clinical treatment. The **Requested Start date/time** should be updated with the appropriate date/time (excludes QAM orders).



• A priority of **Routine** should be used when a lab should be drawn at a future time. The **Requested Start** date/time should be updated with the appropriate date/time(excludes QAM orders).





• *Note: Do not enter date/time in Special Instruction. This information does not print on the lab requisiton.

Ordering Process: ABG Request

• When placing an ABG Request, please specify oxygen status in the **Special Instructions** field: Room Air, Oxygen Settings, BiPAP/CPAP settings, or Ventilator settings **if needed**:

😓 ZZZOB, DEMO - 5365456459 Opened by KOSTUCK , JEFFER	/ J RCP				_ 8 ×
Iask Edit View Patient Chart Links Notifications Options Cy					
🔆 🖕 Patient List 💿 PAL 🚳 Shift Assignment 🔐 Multi-Patient Task List 🚺 1	racking List 🖃 Message Center 🍃 CCAT eTracking List 瞞 Resul	ts Callback 📲 Discharge Readiness 🚆 🔍 Carol	linas Physician Connection 🔍 CHS PACS Stentor 🔍 Microme	dex 🕄 OB Link 🕄 AHEC Digital Library	2 😜
🗄 🖾 Tear Off 🖾 Attach 🔊 Charges 🗐 Exit 📑 Calculator 🎬 AdHoc 🛞) Explorer Menu 🔞 Encounter Location History Viewer 🔧 New Stick	y Note 🗯 View Sticky Notes 🛭 💰 Patient Pharmacy	y 🚨 PM Conversation 🔹 🎼 Depart 📲 Communicate 👻 💂		
ZZZOB, DEMO ×				🗢 List 📫 強 Recent 🕶 Name	- Å
ZZZOB, DEMO Inpatient [11/3/2011 11:28 - <no -="" date="" discharge="">]</no>	Age:29 years DOB:12/25/1982	Sex:Female MRN:5365456459	Loc:CLIN Doc Nsg Unit; 020 Account #:1254698732	** Allergies ** MyCarolinas: No	
s 🕒 - 🖾 Orders				🞒 Print 🕯	ぞ 1 minutes ag
PowerOrders					
+ Add 🕼 Document Medication by Hx Reconciliation - 🔊 Check	Interactions Te External Rx History Rx Plans (0): No Benefit Fou	nd +		Status ✓ Meds History 🕒 Adm, Meds Rec. ✔ Dis	
Orders Medication List Document In Plan				V Meas History 😈 Adm. Meas Hec V Dis	on, Meas Rec
· · · ·					
Orders for Signature	Start Details				
CLIN Doc Nsg Unit; 020 Account #:1254698732 Ad	mit: 11/3/2011 11:28 EDT				
Therapy Departments Respiratory Blood Gas Order	5/29/2012 10:59 EDT 5/29/2012 10:59 EDT, Routine, Once, /	Arterial Room Air			
Respiratory Blood Gas Order Request (ABG Request)					
	quest (ABG Request)				
😭 Details 🕼 Order Comments 🕼 Diagnosis					
*Requested Start Date/Time: 05/29/2012 🐳 💌 10	59 🗧 EDT "Priority: Routine	~	*Frequency: Once	~	
Blood Gas Route: Arterial	▼ Duration		Duration Unit:	~	
PBN: O Yes O No	Special Instructions: Room Air				
0 Missing Required Details Dx Table Orders for Nurse F	leview				Sign
				P197 JKOSTU01 29 May	2012 11:00 ED

Ordering Blood and Transfusions

Click Add to enter a new Blood Transfusion PowerPlan. Search and click the appropriate plan.



Select both the Type and Crossmatch and Transfuse order.



	7 Type and Crossmatch	▼	Blood, T;N, Routine collect, Once
	Transfuse PRBC-LR Unit(s)	▼	T;N Routine # of Units/mls: 2 Blo
	8.		

• To ensure transfusion of Red Blood Cells:

2 order selection are required

(1) Type and Crossmatch

And

(2) Transfuse Blood Products (Red Blood Cells)

- If the physician/mid-level provider wants to type, cross and transfuse red cells, enter both a Type and cross match for the number of units he/she wants the lab to prepare and a Transfuse order for the number of units he/she wants the RN to transfuse.
- The selection of only Type and Crossmatch will notify the Lab to crossmatch, allocate and prepare units for issuance. The provider must still submit the Transfuse Blood Products order for nursing to transfuse.
- Subsequent orders for additional units should include both the type and cross match and the transfuse order, if the
 physician wants to transfuse additional units. Lab/Nursing will only re-draw blood for the type and cross, if the
 type and cross is greater than 72 hours old.
- To ensure transfusion of Platelets, Fresh Frozen Plasma, Cryoprecipitate:

2 orders selections are required:

(1) The specific product

And

- (2) Transfuse Blood Products (Platelets, Fresh Frozen Plasma, and Cryoprecipitate)
- The selection of only the specific product will notify the lab to have the selected blood product available. The provider must still submit the Transfuse Blood Products order for nursing to transfuse.

Signing the Order

- The order is ready to be signed after all required order details have been entered.
 - After addressing the appropriate order details and reviewing any defaulted details, click to sign the order(s).

 Sign
 - Click to **refresh*** the screen.
 - The order displays on the Orders Profile, under the appropriate Clinical Category, with an **Ordered** status.
- ✓ If an order is entered under an alternate name (i.e., **Code Status** is an alternate name for the primary orderable **Resuscitation Status**), the primary will be listed first, followed by the alternate in parenthesis.
- Every order or order action must be signed (and then refreshed) to ensure it is properly processed.
- Always refresh (click "… Minutes Ago") the screen as the <u>final step</u> after any action or function to ensure the most current information is displayed.



Continuing Orders

- An order with an ongoing frequency (i.e., "q3hr") is referred to as a **continuing order**. In a continuing order scenario, the initial (or *parent*) order will generate a series of order instances (*child* orders) scheduled out at the designated interval.
- Continuing orders appear on the **Orders Profile** with a plus box in front of them. To see the child orders (order instances), click the **plus box** to expand the view.



- ✓ If there is no plus box beside the Parent (initial) order, click to open the View menu, select Advanced Filters, and click to check the box beside Show Individual Instances for Continuing Orders. Then, click Apply and refresh (click "As Of") the screen.
- Child orders will be displayed below the Parent order in *italics* with the scheduled date and time indicated, and the plus becomes a minus. To close the list, click the **minus box** beside the Parent order

🖯 Vital Signs				
		Vital Signs POC	Ordered	05/26/11 23:06:00 EDT
		Vital Signs POC	Ordered	05/27/11 12:00:00 E
		Vital Signs POC	Ordered	05/27/11 9:00:00 EL
1		Vital Signs POC	Ordered	05/27/11 6:00:00 EL
		Vital Signs POC	Ordered	05/27/11 3:00:00 EL
		Vital Signs POC	Ordered	05/27/11 0:00:00 EL

Proposed Orders

- Proposal orders allows clinicians to electronically request orders within their scope of practice that previously required a phone call to the provider.
- Proposed orders will be placed by, Pharmacists, Nurses (Continue Urinary Catheter and Remove Urinary Catheter), Wound/Ostomy Care Nurses, Clinical Case Management, and Clinical Nutrition.
- These orders are not active and therefore not acted upon until accepted and signed by the provider
- The clinician will choose the ordering doctor to route the proposed order to and it will route to their Message Center.
- Proposed orders can also be seen on the patient's order profile and can be accepted, rejected, or accepted with modifications by any physician from there

🔲 🥹 Continue Urinary Catheter Proposal

- The Question mark circled in blue 😟 denotes a Proposal order on the Order Profile and the status is Proposed.
- Right-click on the Proposed Order to Accept, Accept with Modify, Reject, or Reject with Reason.



Patient Care			
\checkmark	Invasive Trackin	ng in the second se	Ordered I
	Continue Urinar		Proposal I
	Education Tea	Add/Modify Compliance	Ordered
	Transport Mode	Accept Accept with Modify Reject	Ordered
\checkmark	Transport Mode	Reject with Reason	Ordered I
	Events/Procec	Reference Information	Ordered
	Interdisciplinary	Advanced Filters	Ordered I
Medications		Customize View Enable Edit on the Line	
🗹 👌 66' 💽	witch hazel-gly	Disable Order Information Hype	witc Ordered
Medical Equip and Supplies		Disable Order Information Hype	

Reference Text / Preps and Special Instructions

- When an order is entered for a Radiology or Lab procedure that requires the patient to receive special preparation in advance, a list of **Preps and Special Instructions** (or **Reference Text**) will automatically display. In addition certain medications may have reference text links to dosing charts or tables specific to that drug. An example of this may be IV Heparin.
- Orders that contain Preps and Special Instructions will display with a beside them in the order catalog search results.



- Preps and Special Instructions should be printed, labeled, and placed on the patient's chart; the instructions must be reviewed <u>carefully</u> as it often contains orders that will need to be entered.
 - 1. To **print**, *right click* anywhere in the instruction area and click **Print**.



- 4. Click <u>Sign</u> to sign the order.
- 5. Click $2^{11 \text{ minutes ago}}$ to refresh the screen.



6. If necessary, enter any additional orders needed to ensure the preps and instructions are followed for the patient.

To view Preps and Special Instructions on an order:

1. Hover the mouse over the \square icon beside the order.

Viewing Reference Text

2. A pop up window will display with a notification to "Click to see the Reference Text Information". Click on this notification message.

DX Galbladder - 7138 (Galbladder Series) (DX Galbl	adder)
Notifications	
Dick to see the Reference Text Information.	

3. The Reference Text (Preps and Special Instructions) window will display, and can be printed by *right clicking* and selecting Print.

Reference Text (Preps and Special Instructions) can also be viewed by *right clicking* on the order and selecting "Reference Information" from the short cut menu.

Duplicate Orders

- When attempting to enter an order that already exists, a **Duplicate Order Alert** will display with a list of the duplicate orders (most recent first) and options for addressing them.
 - **Order Anyway** is used if both orders need to be active (i.e., a 2nd order is entered for a follow-up exam at a future date and/or time).
 - **Remove** deletes (or cancels/discontinues if already active) the selected order.
 - Modify allows the details for the selected order to be viewed and changed.
- 1. Click to highlight the appropriate **order**; then click the desired option.

ŝ	**Duplicate Order Alert**	
[
	Orderable	Order Details
	🔼 DX Gallbladder - 7138 (Gallbladder Series)	11/7/2007 11:36 EST Routine, Once, Reason: c
	DX Gallbladder - 7138 (Gallbladder Series) (DX Gall	11/07/07 11:35:00 EST Routine, Once, 11/07/0
	Order Anyway Remove	Cancel/DC Modify

2. Click <u>Sign</u> to sign the orders to active status.

2	C 1' 1	🍣 11 minutes ago
---	---------------	------------------

3. Click to refresh the screen.



Modifying Orders

- Depending upon the security settings for the user's position, orders can be modified even after they have been signed.
- Orders that interface with other systems (such as Lab and Radiology orders) cannot be modified. Should a change or correction be needed for those orders, the errant order should be canceled and then re-entered correctly. (The unit should contact the Lab or Radiology department, as appropriate, to let them know this is being done.
- Diet orders cannot be modified. If a change or correction is needed, this would be handled by entering a new diet order with the correct order details. (The system will then automatically discontinue the previous incorrect diet order.)
- Physician Consult orders also cannot be modified
- For pharmacy orders, only certain fields can be modified once the order is in an ORDERED Status. For medications, the fields which can be modified are:
 - Special Instructions and Order Comments
 - Duration
 - Stop Date and Stop Time
- For IV Fluids, the fields which can be modified are:
- Special Instructions and Order Comments
 - IV Rate

- Duration
- Stop Date and Stop Time
- If changes need to be made to any other fields, such as DOSE, FREQUENCY, Route of Administration, etc. then the order should be CANCELED/REORDER
- If the Admission order needs to be modified, the physician can right click and Cancel/Reorder to enter the correct Admit order

Modifying the Order Details

- 1. In the **Orders Profile**, *right- click* on the order to be modified and select **Modify** from the shortcut menu. (If the order does not allow modification, Modify will not be available for selection on the menu. You will need to Cancel/Reorder the order.)
- Modify
- 2. The Order Details window will display. Make any necessary changes to the details.
- 3. Click Orders for Signature and review the modifications.
- 4. Click <u>Sign</u> to sign the modified order.
- 5. Click to refresh the screen.

Canceling or Discontinuing an Order

- In most cases, an order can be cancelled/ discontinued after it has been signed
 - Orders in a completed status cannot be cancelled/discontinued..
 - Lab or Radiology orders that are already in process in the department cannot be cancelled/discontinued.
- Whether an order is given a status of "Cancelled" vs. "Discontinued" is determined by the start date/time of the order in relation to when the Cancel/DC action is performed.



- If the start date/time of the order has already occurred, the status would be "Discontinued".
- If the start date/time of the order is in the future, the status would be "Cancelled".
- A canceled/discontinued order remains part of the electronic medical record.
- 1. In the **Orders Profile**, *right click* on the order to be cancelled or discontinued and select **Cancel/DC** from the shortcut menu.
- 2. The **Order Details** window displays with the current **date** and **time**, and a cancel/discontinue **reason** will be required. Select the appropriate **reason** from the list of detail values and click OK.



- 3. Click Orders for Signature
- 4. Click <u>Sign</u> to sign the Cancel/DC order.
- 5. Click to refresh the screen.

Displaying Order Information

- The **Order Information** window is accessible from the Orders Profile. It contains a variety of details and information organized under three (3) tabs.
 - **Comments** Shows any comments associated with the order.
 - **History** Shows current order details, start and stop dates and times, and department status, as well as before and after values and order statuses to reflect any modifications made to the order.
 - Additional Info Shows the start and stop dates and times, the order ID number and the current department status.
- 1. Click on the order on the Order Profile. Hover the cursor over the orderable name and the cursor changes to a selection hand.



2. The **Order Information** window will display. Click the appropriate tab to obtain the desired information. **Order Information (History Tab)**



Comments History Additional Info		
☑ Order 11/7/2007 11:35 EST	[
	Order 11/7/2007 11:35 E	
	Entered by TESTUSER , RN CERNE Written order by TEST , UNIV MD	R on 11/7/2007 at 11:35 EST.
	Status	
	Order Status	Ordered
	Department Status	Ordered
	Details	
	Requested Start Date/Time	11/7/2007 11:35 EST
	Priority	Routine
	Frequency	Once
	Stop Date/Time	11/7/2007 11:35 EST
	Reason for exam	cholecystitis
	Physician Exact Order Words	dx gallbladder for cholecystitis
	Transport mode	Wheelchair
	Required radiology order format field	Rad Type
	Preprocessing Script	OE_DEFAULT_FROM_FORM

- Click the **Exit** button to close the **Order Information** window 3.



Order Information can also be viewed by *right clicking* on the order and selecting "Order Information" from the shortcut menu.

Reprinting a Requisition or Consent Form

- Right click on the appropriate order on the Order Profile. 1.
- Select **Print** from the shortcut menu. 2.
- 3. Select the appropriate reprint option (Order Sheet, Requisition or Consent from the drop-down menu.

Results	Stop: 02/07/08 15:51:10 F
Print	Reprint Order Sheet
Reference Information	Reprint Requisition
Advanced Filters	Reprint Consent Form

Select the appropriate EPACT Queue printer name from the drop down menu in the Select Printer field. The EPACT 4. Queue printer name (a combination of 11 or 12 letters and numbers beginning with the letter assigned as your facility code) can be found on the label affixed to the printer.

Select Print Options	
Select printer:	
u4au02p3225	

5. Click OK



2. Pharmacy Orders

Considerations

- For pharmacy orders there are additional considerations
 - 1. Drugs with normalized doses will have the dosage calculator functionality available.
 - 2. No medication orders may be placed until the patient's allergy is recorded.
 - 3. There are several required fields for completing medication orders. These include: Dose, Frequency, and Route of Administration.
 - 4. A pharmacy consult is **required** if the provider wishes pharmacy to calculate dose (i.e warfarin).
 - 5. For most medications, pre-built order sentences are available so that default information is completed for required fields. These fields can be modified during order entry if necessary.
 - 6. All medications have a default Hard Stop Date of 14 days. (**NOTE**: the exception is Ketorolac which has a Hard Stop of 5 days). Medications will need to be renewed prior to the Hard Stop Date in order to remain Active on the patient's profile. If a medication order's stop date/time is modified, the order becomes a physician stop and will not route to medication renewal.

± Details for furosemide (Lasix)							
Details Order Comments	\backslash						
+ % In. ↓ ×			Remainin	g Administrations: 15 Stop: 7/11/20	011		
*Strength dose:	20		*Strength dose unit: n	ng 🗸			
*Drug Form:	Injection	×	*Route of administration:	V PUSH 🗸			
*Frequency:	Daily	~	PBN: C	🗅 Yes 🔎 No			
PRN reason:		~	Pharmacy order priority:	Routine			
*Requested start date and time:	6/27/2011 12:11 EDT	~	Next dose date and time: E	6/27/2011 12:11 EDT 🔹			
Duration:	14		Duration unit: c	day(s) 🗸 🗸			
Stop date and time:	07/11/2011 📑 🖵 1210	•	EDT Special Instructions:				

- 6. Some medications may be substituted with other drugs per Pharmacy and Therapeutics Committee approved substitutions. These drugs will display as Therapeutic Substitution PowerPlans
- 7. Non-searchable/Non-formulary drugs/IV solutions must be ordered with a Misc Med order
- 8. Medication orders entered as PRN will require that a PRN Reason be associated to the order. A list of **PRN** reasons is available from the drop down list.

■ Details for furosemide (Lasix)					
Details Details Order Commer	nts					
🛨 🖀 III. 🔍 🗵				Remaining	Administrations: ((PRN) Stop: 7/1
*Drug Form:	Injection	~]	*Route of administration:	IV PUSH	
*Frequency:	Daily	~]	PBN:	● Yes C No	
*PRN reason:		~		Pharmacy order priority:	Routine	
*Requested start date and time:	Agitation Agitation, severe	-		Next dose date and time:	6/27/2011 12:03 E	DT
Duration:	Alcohol Withdrawal Symptoms Allergy Symptoms			Duration unit:	day(s)	
Stop date and time:	Anaphylaxis Anxiety		EDT	Special Instructions:		
1 Missing Required Details	Arthritis Backache Bladder Spasm Blood Glucose					
	Blood Transfusion Reaction Bradycardia, Symptomatic	-				STAGE PRVI



- 9. Pediatric patients cannot have Medication orders placed prior to weight being entered on the current visit.
- 10. The orderable will display with a subset of possible values for the Dose, Route, and Frequency. The system displays four different colors of icons indicating possible detail values. Green circle = Most Common, Blue diamond = Common, Yellow triangle = Non-common, and White square = generic. The icons are displayed in the following order, as applicable:
 - Most Common 🤍
 - Common **♦**
 - Non-common 🛆
 - Generic 🗖

11. **DO NOT USE the characters below in Special Instructions or Order Comments.** These characters have alternative meanings in electronic code and can disrupt the processing of orders in Cerner.

^ : ; ~ \ &

Allergy Documentation

Allergy information is required before Medication orders can be successfully entered on a patient. Allergy documentation remains with the patient medical record throughout all encounters.

Adding an Allergy to the Patient's Medical Record:

1. The Allergy documentation window can be opened by clicking on either: 1) the Allergies option in the left side Navigator Menu or 2) the Allergy section located in the right corner of the yellow Patient Banner Bar.

RXSTEST, AUTOPROD1 - 8979806543 Opened by TESTEP2 , PROVIDER_IP					_	8			
Iask Edit View Patient ⊆hart Links Notifications Options Cyrrent Add Help									
🗄 🖃 Message Center 🛔 Patient List 🔝 Rounds List 👫 Discharge Readiness 📳 🌘	🕽 ESA Electronic Signature 🔍 CHS	PACS Stentor 🔍 Micromedex 🔍 OB Lii	nk 🔍 AHEC Digita	l Library 🖕					
🗄 👷 New Sticky Note 📁 View Sticky Notes 🛣 Tear Off 🛣 Attach 🕮 Ext 🧻 Gal	culator 🛛 🚯 Depart 🖓 Communicat	e 👻 🛞 Explorer Menu 🛛 🔀 Encounter Lo	cation History View	er 📮 i 💑 SIGN.: 0 FWDOC.: 0 DI	ET.: 0 🛫				
RXSTEST, AU X				+	List 🔿 🛜 Recent 🔹 Name				
RXSTEST, AUTOPROD1	Age:50 years	Sex:Male		Loc:2ES: 2136: 01	No Known Allergies	**			
Inpatient [6/23/2011 15:47 - <no -="" date="" discharge="">]</no>	DOB:8/19/1960	MRN:8979806543		Account #:3838712328	Phane.	_			
Menu - All 🛛 👎 🕂 😋 🕤 🚽 🟠 Orders					🍊 Print 🍣	0 minute			
Inpatient Summary V PowerOrders									
Flowsheets									
	× Reconciliation • 👌 Check Inte	actions 🗧 External R× History R× P	lans (0): Error 💌	Status Mer	ds History 🕒 Adm. Meds Rec 🕒 Disch	h Meds Br			
Medication List + Add Orders Medication List					, , , , , , , , , , , , , , , , , , , ,				
Documents									
Doc Viewer/PowerNote 🕈 Add	Displayed: All Active Orders Al	Inactive Orders All Orders (All Statuses	6)		Show Mor	re Orders.			
Overview View ADULT CRIT Neuromuscular Block	8 \$ 7	Order Name	Status	Details		Orde			
Rounds Summary asted Plans (0)	B Patient Care								
ested Plans (U)	66 🖬	Nursing Task	Ordered	06/24/11 14:34:00 EDT Ro	utine Once Stop: 06/24/11 14:34:00 EDT	I TES			
Allergies + Add Patient Status		Invasive Tracking	Ordered	06/24/11 8:00:00 EDT Rou		SYS_			
Condition/Precaution		CMC Pineville Nursing Charges	Ordered	06/23/11 15:53:49 EDT Ro		SYS			
Enctr/Pt Info/immuniz.		Education Teaching Record	Ordered	Placed by Discern Expert Hu 06/23/11 15:53:49 EDT Ro	iles CHSADT_NURSING_CHARGES	SYS			
Facesheet Activity		Education reaching Necord	ordered	Order placed automatically b		515			
Form Browser		Transport Mode Order Detail	Ordered		utine Once Stop: 06/23/11 15:53:49 EDT	r sys			
Diet				Placed by Discern Expert Ru					
Medications	×	Transport Mode Order Detail Daily	Ordered	06/23/11 15:53:49 EDT Ro	utine Daily-0100	SYS			

2. When the Allergies window opens, click on the

Add button.

😓 RXSTEST, AUTOPROD1 - 8979806543 Opened by TESTEP2 , PROVIDER_IP				_ 8 >
Task Edit Yew Patient Chart Links Notifications Allergy Help				
🗄 🖂 Message Center 🔹 Patient List 🔟 Rounds List 🌃 Discharge Readiness 💂 🗄 🔍 E	A Electronic Signature 🔍 CHS PACS Stentor	😋 Micromedex 🔍 OB Link 🔍 AHEC Digita	l Library 🖕	
🗄 🚧 New Sticky Note 📁 View Sticky Notes 🖾 Tear Off 🖾 Attach 🕮 Exit 🧾 Calculat	or 🛛 🚯 Depart 🛀 Communicate 👻 🛞 Explo	rer Menu 🛛 🖶 Encounter Location History View	er 💂 🦗 SIGN.: 0 FWDOC.: 0 DICT.: 0	-
RXSTEST, AU X			🔶 List	🔹 📉 Recent 🔹 Name 🔹 🕯
	rigo.oo youro	Sex:Male MBN:8979806543	Loc:2ES; 2136; 01 Account #3838712328	** No Known Allergies ** Pharm:
Mark All as Reviewed				🍊 Print 🛷 37 minutes a
Add Modify X No Known Allergies 4* Reverse Allergy Check	Display: All			
	st. Onset Reaction S Updated By S Active 6/23/2011	ource Reviewed I 6/23/2011		
No known all Drug Allergy	Active 6/23/2011	0/23/2011		



(NOTE: if the patient has No Known Allergies, you may click on the No Known Allergies button).

- Allergies				
🕂 Add	🛒 Modify	🔆 No Known Allergies	♦ Reverse Allergy Check	

3. Or Alternatively, you can RIGHT CLICK with the mouse anywhere in the white empty space area and access the Add Allergy window. (**NOTE**: if the patient has No Known Allergies (NKA), you can select that option from the pop-up window.)

Age:50 years Sex:Male Impatient [6/23/2011 15:47 - < No - Discharge date>] DOB:8/19/1960 MRN:8979806543 Mark All as Reviewed Allergies Mark All as Reviewed Allergies Modify % No Known Allergies 4% Reverse Allergy Check Display: All D/A Substance Category Reactions Severity Type Comm Est. Onset Reaction S Updated By Source Review			Note 🗾 View Sticky Note	es 🛣 Tear Off	f 🛣 Attach 🛃	Exit 🧾	⊆alculator	R. Depa	rt 🖼 Commu	nicate 🝷 🛞 Ex	plorer Menu 🗄	Encounte	er Location H
Mark All as Reviewed Allergies Add Modify No Known Allergies No Known Allergies Display: All D/A Substance Category Reactions Severity Type Comm Est. Onset Reaction S Updated By Source Reviewed No known allergies Drug Add New Orug Allergy Active 6/23/2011 6/23/2 Modify Modify Orug Allergy Orug Sidg=Effect Orug Sidg=Ef	RXS	TES	T. AUTOPROD	1 ischarge date	e>]							7980654	13
D/A Substance Category Reactions Severity Type Comm Est. Onset Reaction S Updated By Source Revie No known allergies Drug Allergy Active 6/23/2011	Menu - All	Mark Allergies	<u>All as Reviewed</u>	Known Allergies	s 4* Revers	e Allergy Cl	heck		Display: All	•	[
Add New Drug Allergy Modify Drug Side-Effect Wew Qther View History of Qther Qancel Norwin Allergies (NKA) Mark As Beviewed Image: Check Interaction		D/A	Substance	Category	Reactions	Severity	Туре	Comm			Updated By	Source	Reviewed
Modify Drug Sidg-Effect Usew History of Qther Gancel No Known Allergies (NKA) Mark As Beviewed Image: State of the state of			No known allergies	Drug			Allergy			Active	6/23/2011		6/23/201
Gancel Mark As <u>Reviewed</u> Display Check Interaction				<u>M</u>	odify iew	Dro Ot	ug Sid <u>e</u> -Ef her	fect					
Check Interaction							NHOWH AI	ergies (NK					
				D	isplay	• —							
Preferences				C	heck Interaction								
				<u>P</u>	references								

4. Select the CATALOG tab to provide a list of pre-built Common Drug Allergies. If the drug allergy is not in the list, click on the SEARCH tab to find the drug.

🞇 RXSTEST, AUTOPROD1 (MRN: 897980654	3) - Add Allergy/Adverse Effect
My Favorites Search Catalog Select -> Name D Common Drug Allergies	Substance I. Substance (required) I. Substance (required) Allergy
🖬 🎦 Food Allergies	2. Reaction type Allergy An adverse reaction to a drug or substance which is due to an immunologic response. 3. Reaction symptoms 4. Allergy details Status: Active Mark As Reviewed: 6/26/2011 17:26 EDT Severity: (not entered) Recorded on behalf of: Info source: (not entered) m/ms/mss/mss



5. From the list of Common Drug Allergies, highlight the desired drug and click on the SELECT button. If the patient has No Known Allergies, then click on the NKA button. (**NOTE**: No Known Allergies can also be selected from the list of options which displays on the initial Allergy information window after doing a RIGHT CLICK in the empty white space)

🔭 RXSTEST, AUTOPROD1 (MRN: 897980654	I3) - Add Allergy/Adverse Effect
My Favorites Search Catalog	Substance
Name Common Drug Allergies acetaminophen amoxicillin angiotensin converting enzyme aspirin beta blockers calcium channel blockers cachalosporin	1. Substance (required) NKA Reaction type Allergy Allergy An adverse reaction to a drug or substance which is due to an immunologic response.
codeine erythromycin HMG-CcA, reductase inhibitors ibuprofen iodinated radiocontrast dyes iodine macrolide antibiotic morphine nonsteroidal anti-inflammatory a opioid-like analgesic penicillin sulfa drug	3. Breaction symptoms 4. Allergy details Add Free Text Status: Active Mark As Reviewed Add Free Text Resson: Reviewed: 6/26/2011 17:26 EDT Severity: <not entered=""> Recorded on behalf of: Info source: <not entered=""> Onset: <not entered=""></not></not></not>
sulfamethoxazole sulfonamide sulfonamide tetracycline trimethoprim C Environmental Allergies Food Allergies	5. Comments Add Comment C Chronological Reverse chronological

6. After selecting the Drug Allergy, the window automatically switches to the Reaction symptoms window and the list of Common Allergy Reactions can be accessed

🔆 RXSTEST, AUTOPROD1 (MRN: 8979806543	3) - Add Allergy/Adverse Effect
My Favorites Search Catalog	Substance
My Favorites Search Latalog Select> Name Common Allergy Reactions	1. Sybstance (required) NKA [codeine Allergy Allergy Allergy Allergy Allergy Allergy Allergy Allergy An adverse reaction to a drug or substance which is due to an immunologic response. 3. Reaction symptoms Add Free Text Reason Reviewed: 6/26/2011 17:48 EDT
	Severity: <pre><not entered=""> </not></pre> Recorded on behalf of:
	Info source: <not entered=""></not>
	Onset: <not **="" ****<="" entered="" th="" v=""></not>



7. Click on the desired reaction type to highlight it, then click on the SELECT button to move the reaction to the REACTION SYMPTOMS window. If the reaction is not in the Common Allergy Reactions, you may click on the SEARCH tab and type in the name of the reaction for which you are looking.

🔆 RXSTEST, AUTOPROD1 (MRN: 897980654	3) - Add Allergy/Adverse Effect
My Favorites Search Catalog	Substance
Select -> Name Common Allergy Reactions Anaphylaxis Anaphylaxis Anaphylaxis Confusion Confusion	1. Substance (required) NKA codeine Allergy 2. Reaction type Allergy An adverse reaction to a drug or substance which is due to an immunologic response.
Cough Decreased blood pressure, Diartheae Difficulty swallowing Double vision Edema Edema of mouth Edema of roal soft tissues Eye swelling Hallucinations Headache Hives Increased diastolic blood pr	3. Beaction symptoms 4. Allergy details Add Free Text Active Add Free Text Reviewed: Bescored on behalf of: Info source: <not entered=""> Onset: <not entered=""> </not></not>
Increased systolic blood pre Itching Lethargy Lightheadedness Muscle spasm - tone Muscle weakness Nausea Nausea Nausea	5. Comments Add Comment C Opronological Reverse chronological
	<u>D</u> K <u>C</u> ancel <u>Apply</u> <u>New</u>

8. The Allergy Details section contains several fields which can be completed if the information is available.

4. Allergy <u>d</u> etails	
Status: Active	Mark As Revie <u>w</u> ed
Reason:	Reviewed: 6/26/2011 17:58 EDT
Severity: <not entered=""></not>	Recorded on behalf of:
Info source: <not entered=""></not>	<u>A</u>
Onset: <not entered=""></not>	xx /xx /xx xx • •

9. After all the desired information has been entered, click the OK button in the bottom right corner of the window to complete the Allergy Documentation



10. If you are adding a new drug allergy to a patient who previously had No Known Allergies documented, the following window will display:

CPSUIALL	ERGY
1	NKA (No Known Allergies) is currently recorded for this patient. By adding this allergy to the patient's Allergy Profile you will be required to cancel the NKA item so that you can add this allergy. Click Yes to add this allergy, canceling the NKA, or click No.
	<u>∑¥es</u> <u>N</u> o



11. Click YES to proceed with adding the new Allergy. The NKA documentation will be updated with a RED LINE indicating that NKA is no longer valid.

RXSTEST,	AUTOPROD1 - 89798065	43 Opened b	y TESTEP2 , PR	ROVIDER_I	(P									_ 8	×
sk <u>E</u> dit	⊻iew <u>P</u> atient <u>C</u> hart	Links Notific	ations <u>A</u> llergy	Help											
Message	Center 🛔 Patient List 🔟	Rounds List 🚦	🚪 Discharge Rea	adness 💂	🔍 ESA	Electronic	Signature 🔍	CHS PACS Stent	or 🔍 Microme	dex 🔍 O	B Link 🔍 AHEO	Digital Library 🖕			
												y Viewer 💂 🦂 SIGN.: O FWDO	C.: 0 DICT.: 0 💂		
STEST	F, AU 🗙												🔶 List 🔶 🍋 Recent 🔹 Nar	ne	• Å
STES	T. AUTOPROD	01			A	ge:50 y	ears		Sex:Male			Loc:2ES; 2136; 01	** No Known Alle	ergies **	
tient [6/2	23/2011 15:47 - <no -="" d<="" th=""><th>ischarge date</th><th>»]</th><th></th><th>D</th><th>OB:8/19</th><th>3/1960</th><th></th><th>MRN:897</th><th>980654</th><th>3</th><th>Account #:38387123</th><th>28 Pharm:</th><th></th><th></th></no>	ischarge date	»]		D	OB:8/19	3/1960		MRN:897	980654	3	Account #:38387123	28 Pharm:		
30	🔹 🚮 🛛 Allergies												3	Print 🎯 O minute	s ag
Allergie		Known Allergie:	s 4* Revers	se Allergy <u>C</u> r	neck		Display: All	<u>•</u>							
D/A	Substance	Category	Reactions	Severity	Туре	Comm	Est. Onset	Reaction S	Updated By	Source	Reviewed	I			1
DIA			1.12		Allergy			Active	6/26/2011		6/26/2011	•			
V.	codeine	Drug	Hives												
	codeine No known allergies	Drug Drug	Hives		Allergy			Canceled	6/23/2011		6/23/2011	-			
			Hives								6/23/2011				
			Hives								6/23/2011				

OTHER ALLERGY OPTIONS:

It is possible to perform several actions on existing drug allergies. Click on the desired drug allergy to highlight it, and then RIGHT CLICK with the mouse to display a list of options. You can: 1) VIEW the Allergy details window 2) MODIFY existing information in the Allergy details window and 3) CANCEL an existing drug Allergy.

RXSTEST, AUTOPROD1 - 8979806543 Opened by TESTEP2	, PROVIDER_IP		
<u>Task Edit View Patient Chart Links Notifications Al</u>			_
🖃 Message Center 🛉 Patient List 💿 Rounds List 驨 Discharge	Readiness 🭦 🤇 🖏 ESA Electronic Signature 🔍 🔾	:HS PACS Stentor 🔇 Micromedex 🔇 OB Link 🔇 AF	IEC Digital Library 🤤
🔀 New Sticky Note 📕 View Sticky Notes 🖾 Tear Off 🖾 Attac	🚽 🕅 Exit 🟢 Calculator 🛛 🐘 Depart 📑 Communi	icate 🝷 🛞 Explorer Menu 🛛 🗃 Encounter Location His	tory Viewer 💂 🤅 🍫 SIGN.
RXSTEST, AU X			
RXSTEST, AUTOPROD1 npatient [6/23/2011 15:47 - <no -="" date="" discharge="">]</no>	Age:50 years	Sex:Male	Loc:2ES; 21
	DOB:8/19/1960	MRN:8979806543	Account #:38
Mark All as Reviewed			
2			
Mark <u>All as Reviewed</u>			
Allergies			
💠 Add 🛛 🗹 Modify 🛛 🔆 No Known Allergies 🛛 🛠 B	verse Allergy Check Display: All		
D/A Substance Category Reaction	s Severity Type Comm Est. Onset	Reaction S Updated By Source Reviewed	- I
Codeine Drug Hives	Add New >	Active 6/26/2011 6/26/2011	
No known allergies Drug	Modify codeine	Canceled 6/23/2011 6/23/2011	·
	View History of codeine		
	Mark As <u>R</u> eviewed		
	Display +		
	Check Interaction		

Add New Modify codeine Yiew codeine View <u>H</u> istory of codeine Cancel codeine Mark As <u>R</u> eviewed	•
Display	ŀ
Check Interaction	



SEARCHING FOR A DRUG ALLERGY and ADDING TO FAVORITES

If a drug allergy product is not available in the COMMON list on the CATALOG tab, you can search for a drug and add it to your FAVORITES list for quick access.

1. After opening the Allergy Documentation Window, click on the SEARCH tab and type in the name of the drug allergy substance. Then click on the SEARCH button. A list of drug substances will appear. Proceed with the usual steps for adding the details of the drug Allergy.

🞇 RXSTEST, AUTOPROD1 (MRN: 8979806543) - Add Allergy/Advers	e Effect
My Favorites Search Catalog	Substance
Search gabapentin Select -> Search by: Search for: Substance Reaction For items with these vocabularies/principal types: Vocabularies: Allergy, Multum Allergy Category, Multum Drug /	1. Substance (required) NKA Free text Category: Allergy
Name Vocabularies Code Principal Type gabapentin Multum Drug d03182 Generic Name gabapentin con Multum Allergy Ca 417 Allergy	2. Reaction type Allergy An adverse reaction to a drug or substance which
	3. Reaction symptoms 4. Allergy details Add Free Text Status: Active Reason: R Severity: (not entered) Info source: (not entered) Onset: (not entered)
	5. Comments Add Comment C Chronological

2. If you wish to add this drug allergy substance to your FAVORITES tab, then RIGHT CLICK on the drug and select ADD TO FAVORITES:

My Favorites Search Catalog	
my ravoires [catalog]	Substance
Search gabapentin Select → Search by: Search for: Search for: • Name • Code • Substance • C Reaction	Substance (required) Free tegt Category: Drug
For items with these vocabularies/principal types:	Allergy
Vocabularies: Allergy, Multum Allergy Category, Multum Drug / 📑 📰	2. Reaction type
gabapentin Mt Add to Favorites gabapentin con Mt Add to Favorites lergy	Allergy An adverse reaction to a drug or substance which is due to an immuno
Remove from Favorites	3. <u>Reaction symptoms</u> 4. Allergy <u>details</u>
	Add Free Text
	Reason: Reviewed: 6/26/201
	Severity: <not entered=""> Recorded on behalf of:</not>
	Info source: <not entered=""></not>
	Onset: <not entered=""></not>
RXSTEST, AUTOPROD1 (MRN: 8979806543) - Add Allergy	//Adverse Effect
My Favorites Search Catalog	Substance
Se	lect -> 1. Substance (required)
Name	NKA. Free text Cate
Gabapentin	Allergy
	2. Reaction type
	Allergy An adverse reaction to a drug or substance
	An adverse reaction to a drug or substance
	3. <u>Beaction symptoms</u> 4. Allergy <u>details</u> Status: Active
	Add Free Text


Enhanced Multum Drug Conflict Checking Window

A new "enhanced" view of drug conflict checking will be introduced to Cerner.

New interaction window features:

- Interaction categories are consolidated and clearly labeled
- Click to obtain interaction information as desired
- Drug allergy reaction information is "face up"

intervision S 🕹	upport: ZZZPTEST, CLINTRANS - 189						<u> </u>			
The new order warfarin	has created the following alerts:				You can p	oull reference information on su	bstance/drug by clicking this icon			
Allergy	[1]									
Severity	Substance			Reaction Type 🛛 🗠		\mathbf{X}	Override Reason			
	warfarin			rash			-			
▲ Drug/D	rug (1)									
Severity 🗸	Substance	Details	Status		Interaction Information	Reference Information	Överride Reason			
	sulfamethoxazole-trimethoprim (Bactrim	See Instructions, 1 tablet ORAL, take o	Ordered		warfarin-sulfamethoxazole	C	-			
****NOT CLOSELY anticoagul coumarin o been assoo warfarin p following ii 1.76 was o beyond the	sulfanethoxazole timethoppin (Bactrim - See Instructions, 1 tablet ORAL, take o. Ordered warfarin-sulfamethoxazole Click for interaction information information warfarin-sulfamethoxazole warfarin-sulfamethoxazole									

The "original drug conflict checking window:

Deci	sion S	upport							
	NTIFIE rfarir	<u>D ORDI</u>	<u>ER:</u>					ZZZPTEST, CLINTRANS 189	
Sho	w: 🔼	I		-				Drug Reference Education Leaflet Reference	
. Sta	atus		Severity	Overrid		Name		warfarin Search	
 	dered		i			Initial Refill: 0, Total Refills: 0, 1 tablet ORAL	, take once tomorro	warfarin	
					Drug conflicts are denoted by Allergy reaction information	r symbol, not spelled out. is only face up if it is selected.		Pharmacology, Warnings, Pregnancy, Lactation, Side Effects, IV Compatibility, Dosage, Additional Dosage	
						rug is face up, however, for intera ck on the appropriate conflict to vi		Pharmacology (Top) Pharmacology	
					details (below).			Warfarin, a coumarin derivative, is an oral anticoagulant. Warfarin is administered in racemic form. The S-enantiomer of warfarin appears to be a more potent anticoagulant than the R-enantiomer. The mechanism of action of warfarin involves interference with the cyclical interconversion of vitamin K and vitamin K epoxide. Vitamin K is reduced to vitamin KH2. which is an essential	
	Previous Override Reason: Current Override Reason:			Free Te			vitamin K is reduced to vitamin Kr2, which is an essential cofactor in the synthesis of clotting factors II, VII, IX, and X, as well as protein C and protein S. Vitamin KH2 is converted to vitamin K epoxide in the factor synthesis process. The conversion of vitamin K epoxide to vitamin K is interrupted by warfarin,		
	bsta activ	nce: nn Cla	\$\$:		warfarin Allergy	Source:		essentially resulting in a vitamin K-deficient state and reduced production of the vitamin K-dependent clotting factors.	
1	verit eactio				rash			Warfarin is approved by the FDA for use in the treatment of deep venous thrombosis and pulmonary embolism, as well as for the	•
• 🗖 F	Remov	e identifi	ied order					<u> </u>	



Allergy Update

The following updates to the management of patient allergy information will be implemented:

- In the interest of patient safety, free-text entry of allergies will be removed for all personnel except pharmacists

 utilize Misc Food and Misc Environmental for non-drug allergies entries not found in Cerner. Acute care
 facilities can contact their pharmacy department if free-text allergy entry is necessary.
- In an effort to further eliminate un-necessary alerts, drug allergies entered with a reaction type of either **Side Effect** or **Intolerance** will <u>not</u> be shown when performing drug-allergy conflict checking.
- Clinicians are urged to enter reaction information for drug allergies to support clinical decision making when drug-allergy conflicts arise; failure to do so often requires additional physician or pharmacy involvement for clarification prior to proceeding with medication order entry.

The following Reaction Types are available when entering drug allergies:



- Allergy: An adverse reaction to a drug or substance which is due to an immunological response.
- **Side Effect**: An undesirable response to a drug which occurs at normally used doses (eg: drowsiness, nausea).
- Intolerance: A lowered threshold to the normal pharmacological actions of a drug.
- **Unknown**: The reaction is not known.



yFavorites Search Catalog	Jubstance	
lame A		-
Diarrhea Difficulty swallowing Double vision Edema Edema of mouth Edema of oral soft tissues Eye swelling Hallucinations	*Reaction type defaults to Allergy *Change if clinically warranted to Side Effect or Intolerance *NOTE: Drug-Allergy alerts will not be shown for Side Effect or Intolerance 2. Reaction type Side Effect An undesirable response to a drug which occurs at normally used doses (e.g., drow nausea).	_
- Headache	Allergy	
Hissistic Hises Increased diastolic blood pr Increased systolic blood pre Itching Lethargy Lightheadedness Muscle spasm - tone Muscle weakness Nausea Nausea Nausea and vomiting Numbness Pharyngeal edema	Side Elfect 4. Allergy details Intolerance Status: Active Unknown Reason: Reason: Reviewed: 1/10/2012 13:23 EST Severity: Cnot entered> Info source: Cnot entered> Unset: Cnot entered> Info source: Cnot entered> Info source: Cnot entered>	
Pharyngeal edema Rash Ringing in ear Seizure Shortness of breath Slurred speech Tachycardia Vorwiting	Add Comment Add Comment Chronological Reverse chronological	2

For example, adding a cefazolin and codeine order to a patient with this allergy profile:

-Allergies + Add	y 🔆 No Known A	Allergies 4*	Reverse Allergy <u>C</u> heck		Display: All		•				
D/A	Substance	Category	Reactions	Severity	Туре	C	Est. Onset	Reaction S	Updated By	Source	Reviewed
\checkmark	codeine	Drug	Nausea		Side Effect			Active	1/10/2012		1/10/2012
\checkmark	penicillin	Drug	Anaphylaxis, Eye swelling		Allergy			Active	1/10/2012		1/10/2012
			ould be generated for a		gy entry in th	e					
	D/A column sinc	e the allergy	drug entered is codifie	d.							
			allergy entries classified ayed in drug-allergy cor								

will generate the following drug-allergy alert (note that the codeine drug-allergy conflict is excluded):

Decision Support: ZZZPTEST, RRSMEDSVCS - 211									
The new order has created the following alerts: cefazolin 🛃									
🔺 Allerg	y (1)								
Severity	Substance	Reaction Type 🛛 🗠	Override Reason						
	penicillin	Anaphylaxis, Eye swelling, Hives	-						



Enhancements and Reminders

- The drug –drug alert for Morphine and Bupropion (Wellbutrin) was turned off
- The drug –drug alert for Meperidine (Demerol) and Bupropion (Wellbutrin) was turned off
- The drug-drug alert for sodium biphosphate-sodium phosphate and Ketorlac (Toradol) was turned off
- The drug-drug alert for sodium biphosphate-sodium phosphate and Meperidine (Demerol) was turned off
- The drug-drug alert for sodium biphosphate-sodium phosphate and oxycodone-acetaminophen (Percocet) was turned off
- The drug-drug alert for Ciprofloxacin and Dexamethasone (Decadron) was turned off
- The drug drug alert for Lidocaine and Bupropion (Wellbutrin) was turned off
- The drug drug alert for Toradol and Aspirin was turned off

Placing a Medication Order

- 1. Search for the orderable as for all other orders by typing in the Find window. You may search by Generic Name or Brand Name.
- 2. A list of order sentences should be available for selection. Find the desired sentence, and select the OK button.

🧶 RXSTEST, PHARM				_ 🗆 🗙
Eind:	Order sentences for: cephalexi	_	Loc:2EQ: 213	
Keflex	(None) 250 mg per Capsule ORAL On 500 mg per Capsule ORAL On 500 mg per Capsule ORAL q1 500 mg per Capsule ORAL q8 500 mg per Capsule ORAL q8	ice 2h h		
	Reset		ОК	Cancel Jone

- 3. The order details window will display. The orderable will display with a subset of possible values for the Dose, Route, and Frequency. The system displays four different colors of icons indicating possible detail values. Green circle = Most Common, Blue diamond = Common, Yellow triangle = Non-common, and White square = generic. The icons are displayed in the following order, as applicable:
 - Most Common 🤍
 - Common **♦**
 - Non-common 🍐
 - Generic 🞑
- 4. Any information in the various fields can be changed if desired. After all the information is appropriate, then click on the SIGN button in the lower right corner.



🗏 🔓 🔤 🕹			Remaining Admini:	trations: 28 Stop: 8/12/2	011 08:59:00 E
Comment Text	1		"Dose:	🔶 500 mg	~
"Drug Form:	Capsde	*	"Route of administration:	ORAL	~
*Frequency:	🔔 q12h	×	PRN:		~
Pharmacy order priority.	Routine	~	*Requested start date and time:	7/29/2011 9.00EDT	*
ext dose date and time:	7/29/2011 9:00 ED I	~	Duration:	🔷 14 day(s)	*
Stop date and time:	08/12/2011	EDT	Special Instructions:		

5. When entering range doses, do NOT use dash (-) instead put in the word "to". Example: 2 to 4 mg or 1 to 2 tablets and not 2-4mg or 1-2 tablets. If dash is used, when pharmacy verifies the order and assigns the product, it removes the 1st dose out of the dose field and leaves the higher dose only. e.g 2-4mg turns into 4mg.

comment reat.	1	
Dose:	1 to 2 tablet	~
*Drug Form:	Tablet	~

Placing an IV Order

- 1. Search for the orderable just as for all other orders by typing in the find window.
- 2. The Detail tab defaults open. Any mandatory fields will need to be satisfied.

■ Details for Dextre	■ Details for Dextrose 5% with 0.45% NaCl 1000 mL									
🖀 Details 🎁 Cor	B Details T Continuous Details									
+ % .										
*Drug Form:	IV Bag 🗸	Route of administration:	IV (INTRAVENOUS)							
PRN:	O Yes O No	PRN reason:	v							
Pharmacy order priority:	Routine	"Requested start date and time:	12/11/2010 🛨 🗸 0951 🗧	EST						
Duration:	14	Duration unit:	day(s) 🗸							
Stop date and time:	12/25/2010 🗧 🗸 0950 🗧	EST Special Instructions:								
Special Instructions (2):										
Pharmacy Owe Quantity:		Workflow Sequence:	 							

3. In addition, on IVs there is a Continuous Details tab on with the bag volume, rate or infuse over field may all be edited.



4. Click in the numbers on the field (prior to the unit) to change/add these values.

Tetails for Dextrose 5% with 0.45% NaCl 1000 mL									
Details Ti Continuous Details 🕞 Order Comments									
Base Solution	Bag Volume	Rate	Infuse Over						
🗮 Dextrose 5% with 0.45% NaCl	1000 mL	🔓 100 mL/hr	10 hr(s)						
Additive	Additive Dose	Occurrence							
		8							
Total Bag Volume	1000 mL								

Placing an IV Order with Additives

Most commonly used IV Fluids and Additives will already be pre-built for ease of ordering. (For example, Dextrose 5% in NaCl 0.45% with KCl 40 meq/liter, or NaCl 0.9% with KCl 20 meq/liter). However, there may be occasions when a unique IV Fluid concentration, or a combination of additives may be required, and these IV's cannot be found as pre-built fluids. In these situations, it is possible to create a customized type IV Fluid order by utilizing a MISC MEDICATION CONTINUOUS IV order.

1. In the Find field, type in MISC to search for the order:



2. Select the **Misc Medication Continuous IV** order. An alert will display indicating that the system cannot perform Interaction checking on this order type:

Interactio	on Checking
(i)	Interaction checking cannot be performed for Misc Medication Continuous IV. Please click OK to continue placing the order.

3. Click OK and then click on the

Done button in the lower right corner of the window.

4. The ordering window will appear, and the CONTINUOUS DETAILS tab will be the default tab to open. However, click on the **DETAILS** tab first to enter the IV Fluid and additives.



rders Medication List Document In F	'lan								
Orders for Signature									
Orders for Signature									
E IV Solutions	E 2E5; 2136; 01 Account #:3838712328 Admit: 6/23/2011 15:47 EDT								
	c Medication Continu	Order	7/29/2011 16-52 EDT	Mise Medication Contin	uous IV, Injection, Routine, 7/29/20				
	se medication continu	order	172372011 10.32 ED1	Misc Medication Contin	abus rv, mjection, modune, 7723/20				
🛨 Details for Misc Medi	cation Conti	nuo	us IV mL						
😭 Details 🕂 🔀 Continuo	us Details 📜 Ord	er Com	nments 🔪 📄 Diagnosis 🔪						
Base Solution	Bag Volume		Rate I	Infuse Over					
Misc Medication Continuous IV	mL		mL/hr	hr(s)					
Additive	Additive Dose		Occurrence						
		08							
Total Bag Volume	mL								
3 Missing Required Details Dx	Table								

5. In the DETAILS tab, there is 1 field for the Base Fluid, and 3 Fields for Additives if needed. These fields are Freetext to allow for easy order entry:

Þ	Details for Misc Medication Continuous IV mL										
	(🖆 🖸 etails) 🛗 😣 🛛 Continuous D	etails 🛛 🕕 Order Comments	🔪 📴 Dia	agnosis 🔪							
-	+ % II.										
	Freetext Description:	Misc Medication Continuous IV		Freetext Base Fluid:							
	Freetext Additive 1:			Freetext Additive 2:							
	Freetext Additive 3:			*Drug Form:	Injection	~					
	Route of administration:	IV (INTRAVENOUS)	~	PBN:	O Yes O No						
	PRN reason:		~	Pharmacy order priority:	Routine	~					
	B				la a	1					
З	3 Missing Required Details Dx. Table										

5. Let's say that you wish to order Dextrose 5% in NaCl 0.225% with KCl 15 meq/liter. You can click on each field and enter the information as appropriate:

🔹 🖆 🖸 etails 🚺 😢 Continuous De	etails 🛛 🕞 Order Comments -	V Diagnosis			
+ ≌ III. ▼ >					
Freetext Description:	Misc Medication Continuous IV		Freetext Base Fluid:	D5W in 1/4 NS	
Freetext Additive 1:	KCL 15 meq/liter		Freetext Additive 2:		
Freetext Additive 3:			*Drug Form:	Injection	~
Route of administration:	IV (INTRAVENOUS)	~	PBN:	O Yes O No	
PRN reason: [~	Pharmacy order priority:	Routine	~
				la a	
3 Missing Required Details Dx Table	е				



6. The other fields have defaulted information similar to medication orders. You may edit these fields if desired. Type any specific additional information which you wish to communicate to the Pharmacist and/or Nurse by entering the text in the Special Instructions field. If all of the remaining fields have defaulted in properly, then click on the CONTINUOUS DETAILS tab and complete the required information---BAG VOLUME field and RATE field (or the INFUSE OVER field).

👘 Details 🔰 🛗 🛇 Continuo	us Details 🕕	Order Cor	nments	\@	Diagnosis	\backslash	
Base Solution	Bag Volume		Rate			Infuse Over	
🚟 Misc Medication Continuous IV	mL	8	mL/hr			hr(s)	
Additive	Additive Dose		Occurre	ence			
		63					
Total Bag Volume	mL						

7. For this IV Fluid, we want the Bag Volume to be 1000 mL, and would like to infuse the fluid at 75 mL/hr. Entering the Bag Volume and Rate will cause the Infuse Over to automatically calculate. Alternatively, you may enter the Bag Volume and the Infuse Over numbers and the Rate will automatically be calculated. To enter the desired numbers, click at the beginning of each field just in front of the RED letters.

Details for Misc Medication Continuous IV 1000 mL									
🖉 Details 🔰 🛗 Continuous Details 🕼 Order Comments 🛝 🕞 Diagnosis 🔪									
Base Solution	Bag Volume	Bate	Infuse Over						
Misc Medication Continuous IV	1000 mL	15 mL/hr	13.3 hr(s)						
Additive	Additive Dose	Occurrence							
		8							
Total Bag Volume	1000 mL								

8. After all of the required fields have been completed, then click on the SIGN button in the lower right hand corner to submit the order to Pharmacy for verification. Because these types of fluids require special compounding in the Pharmacy IV Room, the Pharmacist will then match the IV Fluid order to the formulary ingredients stocked in the Pharmacy.

9. Another example IV Fluid may be for a Pediatric patient. In this patient, we would like to order Dextrose 5% in 0.225% Saline with KCl 5 meq and Calcium gluconate 250 mg, but we only want a total volume of 250 mL, and we will infuse the IV Fluid at 8 mL/hr. The process is the same as above. Here is how the DETAILS tab and the CONTINUOUS DETAILS tab would appear:



✓ Details for Misc Medication Continuous IV mL										
+ ≅ In. ↓ ×										
Freetext Description:	Misc Medication Continuous IV			Freetext Base Fluid:	D5W in 1/4	1 NS				
Freetext Additive 1:	KCL 5 meq			Freetext Additive 2:	Calcium Glu	uconate 250 mg				
Freetext Additive 3:				*Drug Form:	Injection		~			
Route of administration:	IV (INTRAVENOUS)	*]	PBN:	O Yes	© No				
PRN reason:		~]	Pharmacy order priority:	Routine		~			
*Requested start date and time:	07/29/2011 🗦 🖵 1831	•	EDT	Duration:	14			_		
3 Missing Required Details Dy. Table	8									

Details for Misc Medication Continuous IV 250 mL									
😭 Details 🔪 🛗 Continuous Details 💭 Order Comments 🛝 🕞 Diagnosis 🔪									
Base Solution	Bag Volume	Rate	Infuse Over						
🔚 Misc Medication Continuous IV	250 mL	월 8 mL/hr	31.3 hr(s)						
Additive	Additive Dose	Occurrence							
		8							
Total Bag Volume	250 mL								

Ordering Process: TPN Therapy

- Enter a TPN placeholder order for a patient receiving TPN therapy. This is a notification in Canopy, although TPN orders will remain on paper. TPN order entered in Canopy will display as:
 - Hyperalimentation, Adult (Parenteral Nutrition Adult)
 - Hyperalimentation, Pediatric (Parenteral Nutrition Peds)
 - Note: Since TPN formulas are typically complex and require significant preparation time, it is helpful for the Pharmacy and Nutrition Services to be notified as early as possible, preferably prior to Noon, if the order status changes to suspend or discontinue.

Pharmacy Consult Orders

- Physicians may order common pharmacy consult orders such as vancomycin, gentamicin, etc. Pharmacy will verify the consult orders and place appropriate med order. Pharmacy will maintain current process for tracking/follow-up.
 - **1.** Type Pharmacy to search for pharmacy consult PowerPlan





Pharmacy Consult

2. Select Consult type Select initiate

Selecting Orders for Signature will place PowerPlan in planned status

Orde	's Medication List
Þ	💶 🚫 🕂 Add to Phase 🗸 Start: Now 🛄 Duration: None 🛄
	🔊 💲 🕅 Component
	Pharmacy Consult (Planned Pending)
	Medications
	in the appropriate Consult request order. Y
	👕 * (Gentamicin Dosing by Pharmacy)
	🝸 * (Vancomycin Dosing by Pharmacy)
	🝸 * (Tobramycin Dosing by Pharmacy)
	👕 * (Enoxaparin Dosing by Pharmacy)
	👕 🔭 * (Warfarin Dosing by Pharmacy)
	🗌 👘 🍸 * (Amikacin Dosing by Phamacy)
	👕 * (Antibiotic Dosing by Pharmacy)
	If you desire a Pharmacist Consultation for medications field.
	🗌 🍸 * (Dosing by Pharmacy)

3. Generic Dosing Consult by Pharmacy available. Physician must complete consult details in the **Special Instructions** field.



4. Signed Consult PowerPlans

Pharmacy Consult	Initiated Pending	placing 1 order(s)
Pharmacy Consult	Initiated	placing 1 order(s)
∃ EECC Fin#:0037363849 Admit: 2/6/2011 19:	20 EST	
Medications		
👘 📔 * (Warfarin Dosing by Ph	. Order 5/7/2011 9:00	EDT MISCELLANEOUS, Daily, Routine, 5/7/2011 9:00 EDT
👘 📴 * (Dosing by Pharmacy)	Order 5/7/2011 9:00	EDT MISCELLANEOUS, Daily, Routine, 5/7/2011 9:00 EDT, unasyn continous infusion dosing by pharmacy

5. In addition, you may search for Medication specific consults by typing in the name of the medication in the FIND field. These are the same Consult Requests as found in the PHARMACY CONSULT PowerPlan.



ge:35 years Sex:Female Loc:CMC POC; POC76 OB:10/18/1976 MRN:153 Account #:167 Find: (vancomycin)	
	Allergies
Find: (vancomycin) 🖧 Starts with 🔽 Type: 👘 Acute Care Facility	
Folder: Search within: All	At location: 🔼
vancomycin Vancomycin 1 gm / Sodium Chloride 0.9% 250 mL Vancomycin 1.5 gm / Sodium Chloride 0.9% 500 mL Vancomycin 1 gm / Sodium Chloride 0.45% 250ml vancomycin 1 gm / Sodium Chloride 0.45% 250ml vancomycin 25mg/ml ophthalmic solution vancomycin 500mg/NS 250ml enema Vancomycin 500mg/NS 250ml enema Vancomycin Cl 2 gm/NS 500 mL Vancomycin dosing by Pharmacy (Consult) Vancomycin dosing by Pharmacy (Consult) Vancomycin Level Vancomycin Level Vancomycin Level Peak Vancomycin Level Trough	
vancomucin neonatal	
ZZZPTEST, CMCTEST1Age:35 yearsSex:FemaleInpatient [1/15/2009 9:42 - <no -="" date="" discharge="">]DOB:10/18/1976MRN:153</no>	La Ac
Orders PowerOrders	
Add Pocument Medication by Hx Reconciliation Reconciliation Reconciliation	
Orders Medication List	
Inters for Signature Image: Status Image: Status Status Details	
CMC POC; POC76 Account #:167 Medications	
	aily, Routine, 1/6/201
Details Drder Comments Diagnosis	
	Rem
	Rem f administration: [
Details E Order Comments Diagnosis	
Details Order Comments Diagnosis Image: Second	f administration:
Details Order Comments Diagnosis Image: Second	f administration:
Details Order Comments Diagnosis Tose: 1 Each Trequency: Daily *Requested start date and time: 1/6/2012 11:57 EST	f administration:

Suspend and Resume

The Suspend order action will be used when a patient's condition or activity requires medication administration to be interrupted for a brief period of time, for example, suspending a Metformin order on a patient scheduled for certain radiology procedures. (NOTE: If there is no intention of re-starting a medication, then the drug should be Canceled/DC rather than Suspended). Medications that are suspended



remain available for Medication Reconciliation. Medications in a suspended status can be renewed, but they will be renewed to an ordered status.

• The Resume order action will be used to put suspended orders back to an ordered status so that Medication administration can continue.

Suspend

1. Select order to be Suspended



2. Right click to display the order action menu and select Suspend

	Tear Off	Attach 3	Egt 🛄 Calculator 👫 Depart 🖓 Communicate - 🤅	DEsplorer Menu	Encounter Location History View	121	
TE, RENE X			Age:31 years	SexFer	nala	Loc:2WS: 4011; 01	No Known Allergies
ITE, RENEWAL C	No - Discharge da	ate>]	DOB:7/19/1979		000500505	Account # 1007888999	Pharm:
🕽 💿 🔹 🖾 Orders			and the second				dilli Frint 🧟 10 minu
Quick Orders							
+ Add - Document Medic	Non by Hy Bernon	Antion - 1	Check Interactions The External Rx History Rx Plans	(D) Frier -		Statur	History D Adm Meds Rec Disch Meds
Orders Medication List				Col. Burner		Medi	History O Adm. Meds Hec. O Disch. Meds
	Displayed: All Active		and the second se				
View	Chipatyed: All Active		Order Name	Status	Details		Ordering Physician
ADULT PHAR		2	insuln aspat (nuclin aspat (Novol.0G) mection - Side		2.35 LODG DOCUMENTS STREETS	AMED US ACHS (before meals and at be	
Buggested Plans (0			Scale)		Renew	- 149 2 units Call if less than 100	11
at Patient Statur		N D B W	 glucagon (glucagon recombinent 1mg Int) 	Ordered .	Copy	ULAR) Orce PRN Other (see com 8. or blood glucose between 50 an	
Condition/Pre	-	In the selection	alucose (destrose 50% injection)	Ordered	Cancel/Reorder	reededL PRN. Other (see comme	
Internet Vital Signs		1 1 10	Al hydroxide/Mg hydroxide/smethicone (Al hydroxide/M		Suspend	N. Indigestion, Ploutine, 06/07/11	
and Activity		M 17 18	ALPRAZolam (ALPRAZolam 0.25 mg Tablet)	Ordered		Eh PRN Ansiety, Routine, 06/07/1	TESTEP2 . PROVIDER_IP
- ind Patient Care		M 7 10	magnesium hydroxide (magnesium hydroxide 8% oral sus			ch right at bedtime). PRN. Constig	
- LUE Diet		M 1 10	nitroglycerin (nitroglycerin 0.4 mg Tablet single dose)	Ordered	Cancel/DC	# SUBLINGUAL d5min PRN Chest	
Modications		M 7 68	zolpidem (zolpidem 5 mg Tablet)	Ordered	Convert to Prescription	(each night at bedtime) PRN Inso.	
- Lil IV Solutions		N T	metFORMIN (metFORMIN 500 mg Tablet)	Ordered	Convert to Prescription	D (2 times a day). Routine, 06/02/	
g Laboratory	- Laboratory	111 19	enoxaparin (enoxaparin 100 mg/mL In(Syringe 1mL)	Suspended	Respired A Administration Tanes.	ANEOUS Daily. Routine. 06/02/1	TEST, BETH TEST
- of Radiology		MIRAC	Hemodobin A1c	Ordered (Diss		time collect, Lab Collect, Drice, Sto	VERTERS PRODUCED ID
- 😹 Diagnostic To	-	N III	CPK with MB	Ordered (Dring	Order Information	e collect, Lab Collect, Drice, Stop	TESTEP2 PROVIDER IP
- us Special		10.0	C. I. Controlo	Conditional (Count	Comments	Control, Line Control, Orace, Step	in tearters, interneting
- E Consuits		100 100		- 1 1041	Results		ANALYSIS BUSICESS IN
<	The Details				Ingredients		
Related Results					Reference Information	100	
Formulary Details					Print	•	

3. This opens the Suspend order detail window. The suspended order can be scheduled for a future date and time.





4. Once details are complete click the Orders for Signature button

	Notes Tear Off	St Attach 2	EgR 🛄 Çakulator 👫 Depart 🖓 Communicate -	🛞 Explorer Menu 🗰 I	Encounter Location History Vi			
TE, RENE X TE, RENEWAL C # [5/18/2011 10:28 AM	RDER	ate>]	Age:31 years DOB:7/19/1979	Sex:Female MRN:1000		Loc:2WS; 4011; 01 Account #:1007888999	No Known Allergin	ies **
Orders							🝊 Port -	2 11 minut
luick Orders								
+ Add & Document Medic	ation by Hic Records	unon - 😽	Check Interactions Betternal Rx History Rx Plan	s (0): Error +		Status	nds History 🕕 Adm. Meds Rec 🕕 Di	inch Marte
Orders Medication List							di Hintory V Man	ALT: HIGH
	Displayed: All Active	Orders 1 All	Arthur Cashers					
View	Chipter and Active	P	Order Name	Status	Details		Ordering Physician	
ADULT PHAR	04 -		insuln aspart (nouln aspart (Novol.00) injection Std			Palant Condition Chanced	TESTER2 PROVIDER IP	
Suggested Plans (0			a" glucagon (glucagon recombinant 1mg Inj)	Ordered	Timp per Injection IM (INT	RAMUSCULAR) Once PRN Other (see co n 50 mg/dL or blood glucose between 50	om TESTEP2 . PROVIDER_IP	
Patient Statur			a" glucose (destrose 50% injection)	Ordered		PRN (As needed), PRN, Other (see com		
- Condition/Pre		M 19 10	Al hydroxide/Mg hydroxide/simethicone (Al hydroxide/#			. q4h. PRN. Indigestion. Routine, 06/07/1		
Activity		M 1 10	ALPFIAZolam (ALPFIAZolam 0.25 mg Tablet) magnesium hydroxide (magnesium hydroxide 83 oral su	Ordered us. Ordered		t ORAL g8h PRN Anxiety, Routine, 06/07. gHS leach right at bedtime), PRN, Cons		
Patient Care	-	M 1 45	and the second	A State of the Sta	and the second se		ADTESTEP2, PHUVIDEH_IP	_
- 📖 Diet	T Details for ID	sulin as	spart (insulin aspart (NovoLO	G) injection -	 Sliding Scale; 	1		
Medications	Details	Dider Con	iments					
- IV Solutions	+ 7 14	12						
e Radiology	The ma line.	+ -						
- ⊯ Diagnostic Te	Suspend date an	d time: 06/10	0/2011 - 0729 - EDT		*Suspend reason:	Patient Condition Changed		
- E Special	1.2.2.5.5.000.7200.520	ALC: A CONTRACT			NUMBER AND	and the second		
- El Consults								
of Tharamy Dana								

5. Click the sign button to accept the order action

ACUTE, RENEWAL ORDER - 1000500505 Opened by TESTEP2 , PRO	ATDUN TH			_ <i>m</i> ×
Lask Edit year Eatlant Chart Units Options Current Add				
🗌 📖 Message Center 👙 Patient List 🔝 Rounds List 📧 Discharge Readine	ee 📕 🔍 ESA Electronic Signature 🚳 CHS PAG	25 Stentor 🔍 Micromedex 😋 OB Link 😋 A	HEC Digital Library	
Beer Stady Note 🐨 very pinty finter 🔀 Tear Off 🗵 Attach 🖽 Eg	t 🔟 Calculator 🎼 Depart 🖓 Communicate =	Explorer Menu Encounter Location He	story Viewer	
ACUTE, RENE X				Det ## Stecent + Name - #6
ACUTE, RENEWAL ORDER Inputient [5/18/2011 10:20 AM - «No - Discharge date»]	Age:31 years DOB:7/19/1979	SexFemale MRN:1000500505	Loc:2WS; 4011; 01 Account # 1007888999	No Known Allergies Phorm:
🛒 💶 🔹 🖾 Ordera				då mm. 2 12 mm.tes apr
Quick Orders				
+ Add as second mediation of Amountation On the	ck Interactions 🖬 External R.: History R.: Pla	na (00): Error +	Status	History O Adm Meds Rec O Disch, Meds Rec
Orders Medication List				Children of the state of the st
Id Orders for Signature				
	Order Hame Status Start	Details		
Plans H Medications	007000999 Admit: 5/10/2011 10:29 AM E	DI		
	nudin aspart (insulin asp. Suspand 6/9/2011	11-30 AM 6/10/2011 7-29 AM EDT, Patient	Condition Changed	
Restrictive Inti-				
- CARD Critical				
(a) ADULT PHAR Utinary Cathe				
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Restrictive inti				
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Formulary Details				5jgn]
		7		STAGE PROVINE

6. Order goes to a Suspended Status.

TE, BENE X			EgR 🛄 Çakulator 🏦 Depart 🖓 Communicate • 🛞	Explorer menu CP En	and a second		
						at 🖶 🎧Recent + Name	
1 5/18/2011 10:28 AM	No - Discharge date:	1	Age:31 years DOB:7/19/1979	Sex:Female MRN:10005	Loc:2WS; 4011; 01 00505 Account #:1007888999	No Known Allergie Pharm:	
O - C Orders							2 0 minut
luick Orders							
+ Add Document Medic	ation by the Recordial	-	heck Interactions Balesternal Rx History Rx Plans (0	V France m	Status	History 🕕 Adm Meds Rec 🕠 Di	
Orders Medication List	accorrection and			A LONG	Meda	History O Adm Meds Rec O Di	ich Mede F
		200.00.00					
View	Displayed: All Active On						
Restrictive Intervention .	8 5	4	Order Name	Statue	Details	Ordering Physician	-
Restrictive Intervention Restrictive Intervention	Medications	3 60	insulin aspart (insulin aspart (NovoLOG) injection - Siding Scale)		2-26 units, Injection SUBCUTANEOUS ACHS (before meals and at be << Siding Scale Comments >> 120 - 149 _2 units Call if less than 100	. TESTEP2.PROVIDER_IP	
Restrictive Intervention ADULT PHARM Subcut	2	1 60° 00	glucagon (glucagon recombinant 1 mg Ini)	Ordered	1 mg per Injection IM (INTRAMUSCULAR) Once PRIN Other (see com For blood glucore less than 50 mg/d), or blood glucore between 50 an		
ADULT PHARM Subcut	×	3 66 00		Ordered	25 mL, Injection, IV PUSH, PRN (As needed), PRN, Other (see comme		
ADULT PHARM Subcut	×	by 🕡	Al hydroxide/Mg hydroxide/smethicone (Al hydroxide/M	Ordered	30 mL, Suspension, ORAL, g4h, PRN, Indigestion, Routine, 06/07/11	TESTEP2, PROVIDER_IP	
psted Plans (0)	×	🕅 🚛	ALPRAZolam (ALPRAZolam 0.25 mg Tablet)		0.25 mg per 1 tablet Tablet ORAL glih PRN Anxiety, Routine, 06/07/1		
10		by 📭	magnesium hydroxide (magnesium hydroxide U% oral sus	Ordered	30 mL, Suspension, ORAL, gHS (each night at bedtime), PRN, Constip		
Patient Status	×	9 💷	nitroglycerin (nitroglycerin 0.4 mg Tablet single dose)	Ordered	0.4 mg per 1 tablet Sublingual Tablet SUBLINGUAL q5min PRN Chest		
	×	9 🖬	zolpidem (zolpidem 5 mg Tablet)	Ordered	5 mg per 1 tablet Tablet OFIAL gH5 (each night at bedtime) FRN Inso.	TESTEP2, PROVIDER_IP	
Condition/Precaution		10	metFORMIN (metFORMIN 500 mg Tablet)	Ordered	500 mg per 1 tablet Tablet ORAL BID (2 times a day), Routine, 06/027.		
Vital Signs			enoxaparin (enoxaparin 100 mg/mL Inj Sysinge 1mL)	Suspended	100 mg per 1 mL Injection SUBCUTANEOUS Daily, Routine, 05/02/1.	TEST, BETH TEST	
		10					
Vital Signs	E Laboratory						
Vital Signs Activity	× ×	610° (28	Hemoglobin ATc CPK with MB		Blood, 06/03/11 8:42:00 EDT, Routine collect, Lab Collect, Once: Sto Blood, 06/07/11 14:08:00 EDT, Stat collect, Lab Collect, Once: Stan	TESTEP2 PROVIDER IP	_

7. History tab in Order Information shows order as suspended



STATES ACUTE, RENEWAL ORDER - Order Inform Task View Options Help	ation for: insulin aspart (insulin aspart (NovoLOG) injection Sliding Scale) 🗾 🔀
±10. to №?	
Original order entered by TESTEP2 , PROVIDER_ Pharmacy Department insulin aspart (insulin asp	IP on 6/9/2011 at 9:26 AM EDT. art (NovoLOG) injection Sliding Scale)
Comments History Additional Info Det	ails
Suspend 6/10/2011 7:30 AM EDT Image: Condex 6/9/2011 10:45 AM EDT	Suspend 6/10/2011 7:30 AM EDT Entered by TESTEP2 , PROVIDER_IP on 6/10/2011 at 7:29 AM EDT. Status Suspended Ordered Dotais Suspended Ordered Validations Patient Condition Changed Validations Validations Pharmacy Patient Condition Changed Order of C/9/2011 10:45 AM EDT Entered by TESTEP2 , PROVIDER_IP on 6/3/2011 at 9:26 AM EDT. Status Ordered Order for Status Ordered Dotais Freetext dose Prestatus Ordered
	STAGE [PRVIPEP2 June 10, 2011 [7:44 AM EDT]

8. Suspended orders are grayed out on the MAR.

HISTER RENEWAL ORD		ge:31 years	SexTe			Loc:2WS: 4			Recent + Name	- 0
		OB:7/19/1979		1000500505		Account #:1			arm:	
10									cá Print 2	9 minutes a
1		June 09, 2011 7:40	AM EDT - June 11,	2011 7:40 AM I	DT (Clinical R	ange)			5	14
Time View	Medications	6/9/2011 8:30 6/9/2011	8:42 6/9/2011 9:00 AM EDT	6/9/2011	6/9/2011 5:0 PM EDT	0 6/9/2011 9:00 PM EDT	6/10/2011 7:40 AM EDT	6/10/2011 9:00 AM EDT	6/10/2011 5:00 PM EDT	
	insulin aspact Did your document witness in comment?	a deletera a costra	13 1 C.			1			NAMES OF STREET, STREE	
PEN PEN	9 67 mudin aspart (insulin aspart (Novol.06) injection – Stiding Scole)									
	S26 taxls, treption SUBCUTANEOUS ACHS Refore insate and at bedinnet, Routine, 06/00/11 11/20/00 EDT, 14 deeju, Shap date 06/22/11 11/20/00 EDT < Stident Ender Community == 120-148, 2 unit			2-26 units	2-26 units	2-26 units				
	insulin aspart Did you document witness in comment?									
	Correction Server (Humal.OG) Index Server (Humal.OG) Sidng Seals: Searcher SUBCUTAMEOUS odt, Nummer, 02/08/11 0 42:00 ED1 14 day(s) Slop daw 08/23/11 8 41:00 ED1 For Elbord Discuss: Balow 70. Falses Huseobers	filiding f	icale							
	insulin lispro Did you document withers in comment?						<u></u>	-		
	metFORMIN (metFORMIN 500 mg Tablet) 500 mg ter 1 tablet ORAL BID (2 times a day), Routes, 06/02/11 9:27:00 EDT, 14 day(s). 510p date 06/16/11 9:32:00 EDT.		500 mg		000 mg			500 mg	500 mg	
	metFORMIN									

Resume

1. Select the suspended medication to be resumed.

TE, RENEWAL O	DOED		Age:31 years	Sex Female			- No Known Allergies	-
15/10/2011 10:20 AM - 4	No - Discharge da	a>1	DOB:7/19/1979	MRN:10005		ccount #:1007888999	Pharm:	
O • 🖾 Orders							cilli Print. 🧟	39 minute
luick Orders								
+ Add Document Medica	tion by Hx Reconcil	ation = 🦛	Theck Interactions Determal R×History R×Plans (0: Error +		Status	History O Adm Meds Rec O Disch	a Martin B
Orders Medication List						- Hinda	Finally Sector Final Final Sector	o. messor.
H	Displayed: All Active of	orders 1 All A	ctive Orders					
View Restrictive Intervention	60 1	17	Order Name	Status	Details		Ordering Physician	
Restrictive Intervention	- Medications	- Anna	In a second s	0.00				_
Restrictive intervention	and the second second		insuln aspat (insuln aspat (NovoLOG) injection - 5liding Scale)	Surpended		EOUS ACHS (before meals and at be 20 - 149 2 units Call if less than 100	TESTEP2 PROVIDER_IP	
Restrictive Intervention Restrictive Intervention			glucagon (glucagon recombinant 1mg Ini)	Ordered	1 mg per Injection IM (INTFIAM), For blood glucose less than 50 n	ISCULAR) Once PRN Other (see com. ig/dL or blood glucose between 50 an.	an.	
Restrictive Intervention Restrictive Intervention		1 1 10 60		Ordered		(As needed) PRN, Other (see comme		
ADULT PHARM Subcut	-		Al hydroxide/Mg hydroxide/smethicone (Al hydroxide/M ALPRAZolam (ALPRAZolam 0.25 mg Tablet)	Ordered Ordered		PRN, Indigestion, Routine, 06/07/11 L gth PRN Ansietz, Routine, 06/07/11	TESTEP2 PROVIDER_IP TESTEP2 PROVIDER IP	
ADULT PHARM Subcut	-	2 2 40	ALPTIAColam (ALPTIAColam 0.25 mg 1 ablet) magnesism hydroxide (magnesism hydroxide 8% oral sus	Ordered		leach right at bedtime1. PEIN. Constic		
ADULT PHARM Subcut	-		ratrogiscerin (nitrogiscerin 0.4 mg Tablet single dooe)	Ordered		ablet SUBLINGUAL gfmm PRN Chest	TESTEP2 PROVIDER IP	
bated Plans (0)	-	1 10 100	zolpidem (zolpidem 5 mg Tablet)	Ordered		HS (each night at bedtime) FFIN Inco.	TESTEP2 PROVIDER IP	
Period Printis (0)	-	1 10	metFORMIN (metFORMIN 500 mg Tablet)	Ordered		BID (2 times a day) Floctine. 06/02/	TEST, BETH TEST	
Patient Status	-	1	enovapare lenovapare 100 mg/ml. In Sainge 1ml.)	Supported		UTANEOUS Daty Routine, 06/02/1	TEST, BETH TEST	
Condition/Precaution	H Laboratory							
Vital Signs		1 mer	Hemoglobin A1c			Toutine collect, Lab Collect, Once, Sto.		
		4 03	CPK with MB	Ordered (Dispatched)	Blood, 06/07/11 14:08:00 EDT.	Stat collect, Lab Collect, Once, Stop	TESTEP2, PROVIDER_IP	
ActMy Dation Carn								



2. Right click to display the order action menu and select Resume.

TE, RENEWAL OL	RDER No - Discharge dat	1m>1	Age:31 years DOB:7/19/1979	SexFemale MRN:1000		2WS; 4011; 01	** No Known Allergier Pharm:	
Ordera							di tan 2	39 minu
	too by the Bergerik		heck Interactions 🖬 External Rx History Rx Plans (0	D. From .		Status	fishay O Adm Meda Rec O Disc	
Orders Medication List			THE PROPERTY AND A CONTRACT OF A DESCRIPTION OF A			Meda I	fistory 🕕 Adm. Meds Flec 😲 Disc	h. Meds i
	Displayed: All Active of	Deders ALA	the Orders					
View Restrictive Intervention	8 5	4	Order Name	Status	Details		Ordering Physician	
Restrictive Intervention	Hedications		insulin aspart (insulin aspart (Novol.06) injection - Siding	and the second se		CHS (before meals and at be	TOTATES BROADED IN	_
Restrictive Intervention		and the second s	Scale)	The second second		 2 savits Coll if loss than 100 		
Restrictive Intervention	8	N 2 13 990.	glucagon (glucagon recombinant 1 mg Int)	Ordered		 Once PRN Other (see com. blood aluccose between 50 an. 	TESTEP2.PROVIDER_IP	_
Restrictive Intervention		A TO BRAN	glucose (destrose 50% injection)	Ordered	Carlos Unacciar.	dedt PRN. Other (see comme.	TESTEP2 PROVIDER IP	
Restrictive intervention			Al hydroxide/Mg hydroxide/smethicone (Al hydroxide/M.	Ordered	Altreat	digestion, Routine, 06/07/11	TESTEP2 . PROVIDER_IP	
ADULT PHARM Subcut		- b 📧	ALPRAZolan (ALPRAZolan 0.25 mg Tablet)	Ordered		IN Anxiety, Floutine, 06/07/1.		
ADULT PHARM Subcut		2 7 CB	magnesium hydroxide (magnesium hydroxide B% oral sus.	Ordered	Cancel/DC	ght at bedtime). PRN. Constip		
ADULT PHARM Subcut			nitroglycerin (nitroglycerin 0.4 mg Tablet single dose) zolpidem (zolpidem 5 mg Tablet)	Ordered	Delete	BLINGUAL g5min PRN Chest . In right at bedtime! PRN Inco.	TESTEP2 . PROVIDER_IP TESTEP2 . PROVIDER_IP	
rsted Plans (0)	-	1 10 405	matEOBMIN (metEOBMIN 500 mg Tablet)	Ordered	Convert to Prescription	imes a day). Boutine, 06/02/.		
Patient Status		hr	enoxaparin (enoxaparin 100 mg/mL Ini Syringe 1mL)	Suspended		DUS Daly, Routine, 06/02/1		_
Condition/Precaution	H Laboratory	Contraction of the	and the second s					
Vital Signs	1	660	Hemoglobin A1c	Ordered (Dispatch	Order Information	collect, Lab Collect, Once, Sto.		
ACIMIN		× 😐	CPK with MB	Ordered (Dispatch	Commerts	ect, Lab Collect, Once, Stop	TESTEP2 , PROVIDER_IP	
Datiand Cara					Resultant			
Related Results	- October							
					Reference Information			

3. This opens the Resume order detail window. The resume action can be scheduled for a future date and time. Remember to include a resume reason in the **Special Instruction** field.

UTE, RENEWAL ORDER - 100	0500505 Opened by TESTEP2 , F	ROVIDER_IP			- 0
	rt Units Options Current &				
iessage Center 🍦 Patient List	📑 Rounds List 🎬 Discharge Rea	dness 🚆 🔍 ESA Electronic Signature 🔍 CHS PACS SI	entor 🔍 Micromedex 🔍 OB Link. 🔍 Al-	EC Digital Library	
ew Sticky Note 🗯 View Sticks	Notes Tear Off I Attach	l Egit 🛄 Galculator 👫 Depart 🛁 Communicate + 🛞	Explorer Menu 🔮 Encounter Location His	itory Viewer	
TE, RENE X				+	List # Stecent + Name
TE, RENEWAL C	RDER (No - Discharge date>]	Age:31 years DOB:7/19/1979	Sex:Female MRN:1000500505	Loc:2WS: 4011; 01 Account #:1007888999	** No Known Allergies ** Phorm:
🗢 🕘 🖸 Orders					dis Print 2 41 minut
Quick Orders					
+ Art Province Martin	armenter tra Lateraren errer et 💊	Check Interactions Betternal Rx History Rx Plans (0	D. France at	Status	
Orders Medication List			areas and a second s	U Me	ds History 🕕 Adm. Meds Flec 🕚 Disch. Meds F
View	Displayed: All Active Orders All A	Active Orders			
Restrictive Intervention	S \$ 7	Order Name	Status Details		Ordering Physician
Restrictive Intervention		insuln aspart (Insuln aspart (NovoLOG) injection - Side.	Returne 6/10/2011 8:12 At	MEDT	TESTEP2_PROVIDER_IP
Restrictive Intervention	🗹 🦭 🖬 🚱	* glucagon (glucagon recombinant 1 mg In()		M (INTRAMUSCULAR) Once PRN Other (see co less than 50 mg/dL or blood glucose between 50	
Restrictive Intervention	M 17 18-00	* ducose Idextrose 50% injection)		PUSH, PRN (As needed), PRN, Other [see com	
Restrictive Intervention	M 19 68	Al hydroxide/Mg hydroxide/simethicone (Al hydroxide/M		ORAL, g4h, PRN, Indigestion, Routine, 06/07/1	
ADULT PHARM Subcut	M 7 10	ALPRAZolam (ALPRAZolam 0.25 mg Tablet)		r Tablet ORAL of PRN Ansiety, Routine, 05/07	/I. TESTEP2.PROVIDER_IP
ADULT PHARM Subcut		spart (insulin aspart (NovoLOG) injection – Sliding Sc	ale)	
ADULT PHARM Subcut	Details Details Order (Comments \			
-	+ 15 h. 0 × 1				
Patient Status Condition/Precaution					ana: 52 Stop: 6/23/2011 11:29:00 AM ED)
Vital Signs	Resume date and time: 6/10/3		*Resume Rea	Adverse Reaction/Intolecable Side Effect	
	Maret Drosse Dit Torry Billion	2011 - 1130 - EDT		Canceled by provider	
Activity	A Real Property of Long Transmission				
				Duplicate Order	
Activity Distant Carn				Left AMA Order entry error	Orders For Signature

4. This window will also display when the next dose will be due. When the details are complete, click the Orders to Sign Button.



😓 ACUTE, RENEWAL ORDER - 100050	0505 Opened by TESTEP2 , PROVI	DER_IP					_ @ X
Iask Edit Yew Patient Chart	Links Options Cyrrent Add b	jelp					
🗄 🖃 Message Center 🛔 Patient List 🔛	Rounds List 🎬 Discharge Readiness	📳 🤅 😋 ESA Electronic Signature 🕄 CHS PACS St	entor 😋 Micromedex 😋 G	B Link 😋 AHEC Di	gital Library		
New Sticky Note TView Sticky Note	es 🐺 Tear Off 🖾 Attach 🗰 Ext	🔟 Çakulator 🛛 🕵 Depart 🖓 Communicate + 🛞	Explorer Menu 😁 Encounte	Location History V	inver		
ACUTE, RENE	these sectors and the sector sectors and the sector sectors and the sector sectors and the sec				12	de List 🕪 🚫 Recent +	Name • 🏟
ACUTE, RENEWAL OR	DED	Age:31 years	Sex:Female		Loc:2WS: 4011: 01		n Allergies **
Inpatient [5/18/2011 10:28 AM - <no< th=""><th>- Discharge date>]</th><th>DOB:7/19/1979</th><th>MRN:100050050</th><th>5</th><th>Account #:1007888999</th><th>Pharm:</th><th></th></no<>	- Discharge date>]	DOB:7/19/1979	MRN:100050050	5	Account #:1007888999	Pharm:	
🗧 😋 🔹 🚮 Orders				-			di Print 3 42 minutes ago
8							
Quick Orders							
Add & Document Medication	n by Hic Reconciliation = 🐊 Check:	Interactions 🛛 🔂 External Rx History Rx Plans (0)): Error *		Sta	Ms Meds History 😗 Adm. Meds	Rec 1 Disch, Meds Rec
Orders Medication List							
View	played: All Active Orders All Active O	Orders					Show More Orders
Restrictive Intervention		r Name	Status Deta	6		Ordering Physician	<u>ا</u> ا ف
Restrictive Intervention							
Restrictive Intervention		n aspart (insulin aspart (NovoLOG) injection Slidin sgon (plucagon recombinant 1 mg Inj)			, Patient Condition Changed (RAMUSCULAR) Once PBN Other (see	TESTEP2, PROVID com TESTEP2, PROVID	
Restrictive Intervention	2 3 1 66 guo	agon (glucagon recombinant 1mg Ing			an 50 mg/dL or blood glucose between !		ch_iP
Restrictive Intervention	M 🐂 🖬 66° duoi	se (destrose 50% injection)			I. PRN (As needed), PRN, Other (see or		ER IP
Restrictive Intervention	M 🖢 🖬 Al hy	droxide/Mg hydroxide/simethicone (Al hydroxide/M	Ordered 30 m	Supension, ORAL	. g4h, PRN, Indigestion, Routine, 06/0	7/11 TESTEP2 . PROVID	ERIP
Restrictive Intervention	M 🖢 🖬 ALPI	RAZolam (ALPRAZolam 0.25 mg Tablet)	Ordered 0.25	ng per 1 tablet Table	et ORAL g8h PRN Anxiety, Routine, 06/	07/1 TESTEP2 , PROVID	ER_IP
ADULT PHARM Subcut	Details for insulin aspar	t (insulin aspart (NovoLOG)	injection - Sli	ting Scale)		1
ADULT PHARM Subcut		· · · · · · · · · · · · · · · · · · ·	,	ing coure	,		
ested Plans (0)	Details Deter Comments	\ \					
s —	十名版 书列						
Patient Status					Remaining Administra	tions: 52 Stop: 6/23/20	11 11:29:00 AM EDT
Condition/Precaution	Resume date and time: 6/10/2011 8:	12 AM EDT 👻	•8	esume Reason: [Patient Condition Changed		1111
Vital Signs Activity	Next Dose Dt Tm: 06/10/2011	= 1130 = EDT					1111
Dation Care	Here Dolle Di The Doll Torabit	- 1100 - CO1					
Formulary Details							Orders For Signature
Pormutary Details							Colores r or Signature
						laws on fearments	1
						STAGE PRVIPEP2	June 10, 2011 8:13 AM EDT

5. Click the Sign Button to accept order action.

ACUTE, RENEWAL ORDER - 1000500505 Opened by TESTEP2 , PROVIDE	R_1P			- 0 ×
Lask Edit Yew Batient Chart Units Options Current Add He				
📖 Message Center 🧍 Patient List 🔝 Rounds List 🌃 Discharge Readness				
😒 Herr Sticky Note 🐲 View Sticky Notes 🛣 Tear Off 🖾 Attach 🕮 Kat 📋	Calculator 🕼 Depart 🖓 Communicate * 🛞	Explorer Menu 🗇 Encounter Location Hi		
ACUTE, RENE X				List 👄 💁Recent + Namis 🔹 🛃
CUTE, RENEWAL ORDER patient [5/18/2011 10:28 AM - <no -="" date="" discharge="">]</no>	Age:31 years DOB:7/19/1979	SexFemale MRN:1000500505	Loc:2WS: 4011; 01 Account #:1007888999	** No Known Allergies ** Pharm:
🖸 💿 📲 🙆 Orders				🍊 Pitt 🦧 46 mitstes og
Quick Orders				
+ Add 💣 Decoment Medication by Its Reconstration = 🔊 Check In	eractions 🛛 🖬 External Rx History 🔹 Rx Plans (0)	Error +	Status	s History 🕕 Adm. Meds Rec 🜒 Disch. Meds Rec
Orders Medication List				
M Diders for Signature				
View j do s 🕑 🗠 🛛 order		Details		24
s for Signature - 2WS; 4011; 01 Account II:1007 Hedications	888999 Admit: 5/18/2011 10:28 AM EDT			
	aspat (insuln asp. Resume 6/9/2011 11:30	AM 6/10/2011 8 12 AM EDT, Patient	Condition Changed	
Restrictive Intervention				
CARD Critical Care Adr				
ADULT PHARM Subcut				
Uninary Catheter Inserti				
Urinary Catheter Inserti				
Urinary Catheter Inserti Urinary Catheter Inserti				
Urinary Catheter Inserti Urinary Catheter Inserti				
Restrictive Intervention				
Details				
Related Results				in the second se
Formulary Details (OMaring Required Details				Size
		1		STAGE PRVIPEP2 Dune 10, 2011 MILT APTED

6. Order goes back to an ordered status.





7. Order History tab in Order Information window displays progression of order actions.

🍋 ACUTE, RENEWAL ORDER - Order Inform	ation for: insulin aspart (insulin aspart (NovoLOG) injection Sliding Scale)	
<u>T</u> ask <u>V</u> iew <u>Options</u> <u>H</u> elp		
±11. !o №?		
Original order entered by TESTEP2 , PROVIDER_ Pharmacy Department	IP on 6/9/2011 at 9:26 AM EDT.	
	art (NovoLOG) injection Sliding Scale)	
Comments History Additional Info Det	ails	
M Resume 6/10/2011 8:19 AM EDT		<u> </u>
Suspend 6/10/2011 7:30 AM EDT	Resume 6/10/2011 8:19 AM EDT	
☑ Order 6/9/2011 10:45 AM EDT	Entered by TESTEP2 , PROVIDER_IP on 6/10/2011 at 8:12 AM EDT. Status After Before	
	Order Status Ordered Suspended	
	Details	
	Resume date and time 6/10/2011 8:12 AM EDT	
	Resume Reason Patient Condition Changed Next Dose Dt Tm 6/10/2011 11:30 AM EDT	
	Stop Date/Time 6/23/2011 11:29 AM EDT	
	Validations	
	Nurse Review Bouted to 2WS	
	Pharmacy Verification	
	Routed to Pharmacy	
	Suspend 6/10/2011 7:30 AM EDT	
	Entered by TESTEP2 , PROVIDER_IP on 6/10/2011 at 7:29 AM EDT.	
	Status After Before Order Status Suspended Ordered	
	Details	-1
1		
	STAGE PRVIPEP2 June 10, 2	2011 8:21 AM EDT

8. Medication is active on the MAR.



Dose Calculator

- The Dosage Calculator provides the ability to enter normalized units of measure on a target-dose basis. The Target dose is populated based on the dose you enter in *PowerOrders*; you may also enter and modify the Target dose directly in the calculator
- The Dose calculator will auto-evoke for normalized doses. The window opens with the Target Dose, Calculated Dose, Reduced Dose, and Final Dose. The Dose Forms window displays the common formulary products available, to guide with optimal and accurate dosing. Providers may opt to cancel their normalized dose calculation window and sign order with dose as a normalized dose. This will send the order to pharmacy for dose calculation during order verification.

Entering Normalized Doses

1. Search for the medication.



RXSTEST, PEDS - Add Order		
RXSTEST, PEDS Inpatient [6/18/2011 20:44 - <no< th=""><th>Age:7 years Sex:Female DOB:1/27/2004 MRN:111122</th><th>Loc:CRS; 1202 ** No Known 2Account #:11 Pharm:</th></no<>	Age:7 years Sex:Female DOB:1/27/2004 MRN:111122	Loc:CRS; 1202 ** No Known 2Account #:11 Pharm:
Eind: Ondan 040		
ondansetron	Search <u>w</u> ithin: All	At location: CMC-P
ondansetron 12 mg / Sodium Chloride ondansetron 8 mg / 50 mL Sodium Chl Ondansetron 8 mg/NS 50mL		
ondansetron inj Ondansetron tablet		
	R×ST	EST, PEDS - 1111222255 Done

2. When the Medication is selected the order sentence window will open

Order Sentences	
Order sentences for: ondansetron	
PEDIATRIC DOSING 0.1 mg/kg per Injection IV PUSH q4h PRN Nausea/Vomiting 0.1 mg/kg per Injection IV PUSH q4h PRN Nausea/Vomiting 0.1 mg/kg per Injection IV PUSH q4h PRN Nausea/Vomiting 0.15 mg/kg per Disintegrating Tablet 0BAL q4h PRN Nausea/Vomiting 0.1 mg/kg per Disintegrating Tablet 0BAL q6h 0.1 mg/kg per Disintegrating Tablet 0BAL q6h PRN Nausea/Vomiting 0.1 mg/kg per Disintegrating Tablet 0BAL q6h PRN Nausea/Vomiting 0.1 mg/kg per Disintegrating Tablet 0BAL q8h PRN Nausea/Vomiting	
B-15 mg/kg per Disintegrating Tablet ORAL 4th FRN Nausea/Vamiting 0.15 mg/kg per Disintegrating Tablet ORAL q6h 0.15 mg/kg per Disintegrating Tablet ORAL q6h 0.15 mg/kg per Disintegrating Tablet ORAL q6h 0.15 mg/kg per Disintegrating Tablet ORAL q8h 0.15 mg/kg per Injection IV PUSH q8h PRN Nausea/Vomiting 2 mg per Injection IV PUSH q8h PRN Nausea/Vomiting 3 mg per Injection IV PUSH q8h PRN Nausea/Vomiting 4 mg per Injection IV PUSH 0n Call 4 mg per Injection IV PUSH 0nce 4 mg per Injection IV PUSH 0nce	
4 mg per Injection IV PUSH PRN (As needed) PRN Nausea/Vomiting 4 mg per Injection IV PUSH q4h 4 mg per Injection IV PUSH q4h PRN Nausea/Vomiting 4 mg per Injection IV PUSH q6h 4 mg per Injection IV PUSH q6h PRN Nausea/Vomiting 4 mg per Injection IV PUSH q6h 4 mg per Injection IV PUSH q6h PRN Nausea/Vomiting 4 mg per Injection IV PUSH q8h	•
Reset	Cancel

- 3. .Select an order sentence, and click OK.
 - The Dose calculator will auto-evoke for normalized doses. The window opens with the Target Dose, Calculated Dose, Reduced Dose, and Final Dose. The Dose Forms window displays the common formulary products available, to guide with optimal and accurate dosing.
 - The Final dose field indicates the Calculated Dose which will be applied to the order. If necessary, you can round the dosage in the Final Dose field to a more appropriate dose or change from the order details dose field.

4. Click Apply Dose and the updated Dose will populate the Order detail field. For some medcations the Pharmacist may round off the Final Dose in order to achieve a more measureable dose for administration to the patient. For example, a Final Dose of Ampicillin 234.16 mg might be rounded to 235 mg.

(**NOTE**: If you Click on the CANCEL button and Sign the order, the order will go to Pharmacy for verification and the Pharmacist will perform the calculations on the Normalized Dose.)



Dosage Calc	ulator onda	ansetron			×
- Dose Valu <u>1</u>) Target <u>2</u>) Calcula <u>3</u>) Reduce <u>4</u>) Final do <u>6</u>) Rou <u>n</u> di <u>7</u>) Adjust F	dose: ited dose: ed dose: ose: ing rule:	D.1 1.5876 1.5876 1.5876 No rounding	mg/kg v mg mg 100 2 2 mg 0.1	- mg/kg	Dose Forms: ondensetron ondensetron 2 mg/2.5 mL UD oral Soln ondensetron 2 mg/mL Ini 2 mL ondensetron 4 mg DD Tab ondensetron 8 mg OD Tab ondensetron 8 mg Tablet
Reference	Data				
D <u>a</u> te of bi <u>G</u> ender:	irth:	01/27/2004 Female	(7 Years)		
<u>H</u> eight:		104.14	cm	Source:	6/18/2011 20:57 104.14 cm
Actual <u>w</u> e	ight:	15.876	kg	Source:	6/18/2011 20:58 15.876 kg 💌
Adjusted v	weight:	15.876	kg	Adjustment:	Actual (no adjustment)
Ser <u>u</u> m cre	eatinine:		mg/dL	Source:	Manually entered
CrCl (est.):			mL/min	Algorithm:	Schwartz - full term Missing data
<u>B</u> ody surfa	ace area:	0.68	m2	Algorithm:	Mosteller
Last Do	ose Calculatio	ən			Apply Dose Cancel

5. The order sentence selected will populate the Order Detail fields.

ᆂ	Details for ondansetro						
	Details E Ingredient Det	ails 🔪 📴 Order Comments 🔪					
	🕂 🖀 lin. 🔍 🎽			Remaining Admin	istrations: (PRN) Stop: 7/2/2011	21:24:00 EDT	
	Comment Text:			Freetext dose:			
	*Strength dose:	1.5876		*Strength dose unit:	mg	~	
	*Drug Form:	Injection		*Route of administration:	IV PUSH	~	
	*Frequency:	q8h 🗸 🗸		PRN:	● Yes C No		
	*PRN reason:	Nausea/Vomiting ~		Pharmacy order priority:	Routine	~	
	*Requested start date and	6/18/2011 21:25 EDT		Next dose date and time:	6/18/2011 21:25 EDT	~	
	Duration:	14		Duration unit:	day(s)	~	
	Stop date and time:	07/02/2011 🗧 🗸 2124 📑	EDT	Special Instructions:	[
0	0 Missing Required Details Sign						
	Missing Required Details					Sign	

Medication Frequencies and Start Times

When placing medication orders which have a frequency field, the START DATE and TIME field will indicate when the order becomes Active and when the first dose/next dose is designated to be administered (for scheduled orders).

Placing the initial order:

1. Search for the medication by typing a drug name in the Find field. Select the desired order sentence.



RXSTEST, PHARMTRAIN1	MTRAIN1	Age:50 years te>] DOB:10/18/1960	Sex:Male MRN:4564940659	Loc:2E Accour
Eind:	5 mg per Injection IV PL 10 mg per Tablet ORAL 10 mg per Tablet ORAL 5 mg per Tablet ORAL	ISH q6h ISH q6h ISH q6h PRN Nausea ISH q6h PRN Nausea/Vomiting ISH q6h ACHS (before meals and at bedtime) BID (2 times a day) Dn Cal Once TID (3 times a day) TIDAC (3 times a day before meals) q6h q6h PRN Nausea q8h ACHS (before meals and at bedtime) TIDAC (3 times a day before meals)		
				RXSTEST,

2. The Order Details window will display the **REQUESTED START DATE and TIME** field and the **NEXT DOSE DATE and TIME** fields. Note the time that the order is being entered into the system in the lower right hand corner.

Orde	ers	Medical	tion List	Docum	ent In	Plan					(
	Orders for Signature										
		& \$	(? 5	٣ (c	Irder Name	Status	Start	Details		
	E 2E\$; 2138; 01 Account #:3631600378 Admit: 6/17/2011 11:17 EDT										
	B Medications										
	🔲 🎒 metoclopramide (Reglan) Order 6/17/2011 17:00 EDT 10 mg per Tablet ORAL TIDAC (3 times a day before meals), Routine, 6/17/2011 17:00 EDT, 14 day(s), Stop date 7/1/2011 16:59 EDT										
	▼ Details for metoclopramide (Reglan)										
		😭 Det	ails 🔰	0rder	r Com	ments 🔪					
	-	+ %	_{lh}	₩ >					Rema	aining Administrations: 42 Stop: 7	7/1/2011 16:59:00 EDT
				*D	rug F	orm: Tablet		~	*Route of administration	ORAL	▼
				E	eque	ency: TIDAC (3 times a	day before mea	als) 🔉	PBN	CYes ONo	
				Ρ	RN re	ason:		~	Pharmacy order priority	Routine	▼
	lle	Reques	sted sta	rt date	and	time: 6/17/2011 17:00	EDT	~	Next dose date and time	6/17/2011 17:00 EDT	✓
					Dur	ation: 14			Duration unit	day(s)	■
	L					۱					
	01	Aissing R	equired I	Details	Ore	lers For Nurse Review					Sign
										STAGE	RNEP. 17 June 2011 11:51 EDT

3. Click on the Drop down box of the Next Dose Date and Time field to see the next 3 scheduled Administration times:

for metoclopramide (Reglan)							
etails 🔃 Order Comments							
a lin. 🛡 🗧				ining Administrations: 4	42 Stop: 7/1/201		
Frequency:	TIDAC (3 times a day before meals)	`	PBN:	U Yes U No			
PRN reason:		~	Pharmacy order priority:	Routine	~		
ested start date and time:	6/17/2011 17:00 EDT	~	Next dose date and time:	6/17/2011 17:00 EDT			
Duration:	14		Duration unit:	day(s)			
Stop date and time:	07/01/2011 🗧 🗸 1659	EDT	Special Instructions:				
Required Details Orders For Nurse Review							



	Requested start date and time (First Administration):	
Remainin	06/17/2011 - 1700 - EDT	0 PM EDT
*Strength dose unit:	Next administration:	-
*Route of administration:	06/18/2011 🗧 - 0730 🗧 EDT	
PRN:	Following administration:	
Pharmacy order priority:	06/18/2011 🗧 - 1130 🗧 EDT	
Next dose date and time:	6/17/2011 5:00 PM EDT 🗸	·
Duration unit:	day(s) 🗸	- 1
		Sign

4. The frequencies have been created to optimize the timeliness of medication ordering with sufficient time to obtain medications and subsequently administer the drug to the patient. Therefore, it should rarely be necessary to alter the Start Time/Start Date when placing a medication order. However, if it is deemed necessary to begin an order earlier than the indicated Start Time/Date, it is possible to change the Pharmacy Order Priority field from Routine to **STAT**

toclopramide (Regla	an)		
Order Comments			
			ning Administrations: 42 Stop: 7/1/2011 1
Frequency: IIDAL (3 times a c	Jay before meals] 💙		U Yes U No
PRN reason:	~	Pharmacy order priority:	Routine
date and time: 6/17/2011 17:00	EDT 👻	Next dose date and time: [6/17/2011 17:00 EDT
Duration: 14		Duration unit:	day(s) 🗸
:op date and time: 07/01/2011	🗧 🔽 1659 🗦 EDT	Special Instructions:	
tails Orders For Nurse Review			
	ning Administrations: 42	Stop: 7/1/2011 16:59	9:00 EDT
PRN: 1	U Yes U No		
Pharmacy order priority:	Routine	~	
	(None)		
Next dose date and time:	Routine STAT day[s]	· · ·	
Next dose date and time:	Routine STAT N	▼	

5. Note that the Requested Start Time and Next Dose Time fields will default to the Current Time.

Drde	rs	Medication Lis	st Documer	t In Plan						
►L [Ord	lers for Signatur	e							
		8		Order Name		Status	Sta	art	Details	
		2ES; 2138;	01 Accou	nt #:363160037	8 Admit:	6/17/20	011 11:	:17 EDT		
		Medications								
				metoclopramide	(Reglan)	Order	67	17/2011 12:01 EDT	10 mg per Tablet ORAL TID day(s), Stop date 7/1/2011	AC (3 times a day before meals) 12:00 EDT
Í	-	Details for N	netoclo	pramide	(Regl	an)				
		😭 Details 🔪	🕕 Order C	Comments						
		🖶 💊 In.	₩ ≈						Rema	ining Administrations: 43
			Trequenc	9: TIDAC (3 time	s a day bel	ore meals;	J 🗸		PBN:	U Yes U No
			PRN reaso	n:			~		Pharmacy order priority:	STAT
	F	Requested start	t date and tim	e: 6/17/2011 12	:01 EDT		~		Next dose date and time:	6/17/2011 12:01 EDT
			Duratio	n: 14					Duration unit:	day(s)
		Stop	date and tim	e: 07/01/2011	÷	1200	÷	EDT	Special Instructions:	[
	01	vlissing Require	d Details	Orders For Nurse	Review					



4. After completing all the necessary information, then click on the Sign button to place the order.

*Note: When ordering Cardiac Stress Tests over the weekend, the Requested Start date/time should be updated for the following Monday. The Nuclear Medicine Department does not perform these tests over the weekend.

Miscellaneous Medication orders

There may be occasions where it is necessary to order a medication, but the drug cannot be found through a search of the order catalog. These situations might include: 1) Drugs which a patient may be taking, but is not in the facility's formulary and there is no Therapeutic Alternative 2) a newly marketed medication which a patient is taking but is not yet on the pharmacy formulary 3) Some OTC type medication that a patient is taking which may need to be continued as an inpatient med. For those occasions, a medication order can be placed by utilizing the Template Non-Formulary format (TNF).

1. Placing the initial order:

• Search for the medication by typing MISC in the Find field.

RXSTEST, AUTOPROD1 - Add Order RXSTEST, AUTOPROD1 Inpatient [6/23/2011 3:47 PM - <no -="" d<="" th=""><th>vischarge date>]</th><th>Age:50 years DOB:8/19/19</th><th></th></no>	vischarge date>]	Age:50 years DOB:8/19/19	
Eind: misc cor ♣ ✿ ☆ ▼ ➡ Folder:	ntains T ype: Search <u>w</u> ithin:	Acute Care F	Facility At location: CMC-P
Blood Bank Miscellaneous Misc Diet Misc Medication Misc Medication Continuous IV Nursing Misc Communication			

• Selecting the MISC Medication option will allow the provider to enter orders for most all situations. A Warning box will display indicating that Interaction checking is not available

Exstest, AUTOPROD1 - Add Orde	2r						
RXSTEST, AUTOPRO)D1	Age:50 years	Sex:Male	Loc:2ES; 2136; 01			
Inpatient [6/23/2011 3:47 PM - <n< th=""><th>o - Discharge date>]</th><th>DOB:8/19/1960</th><th>MRN:8979806543</th><th>Account #:38387123</th></n<>	o - Discharge date>]	DOB:8/19/1960	MRN:8979806543	Account #:38387123			
<u>F</u> ind: ሶሳ	Contains 💌 Type:	Acute Care Facility					
💿 🙆 😪 🕶 Folder:	Search <u>w</u> ithin:	All	At location: CMC-P				
Blood Bank Miscellaneous Misc Diet Misc Medication Misc Medication Continuous IV Nursing Misc Communication							
	Interaction Checking			×			
	Interaction Checking						

2. The Order Details window will display. All of the Required fields will be highlighted in Yellow. The FreeText Description field and the FreeText Dose field will allow for any text entry into these fields. Other fields will have options available to select from a drop down menu.



Order	s Medication List					
	🔊 💲 🕜 🖳 Ϋ Order Nan	ne Status	Start	Details		
E	2ES; 2138; 01 Account #:36316	00378 Admit: 6/17/2011	11:17 EDT			
E	Medications					
_	🔲 👘 🗙 misc medi	cation (TNF M Order	6/17/2011 12:51 EDT	Routine, 6/17/2011 12:51 EDT	, 14 day(s), Stop date 7/1/2011 1:	
_	Z Details for misc medication	on (TNF Medica	ation)			
	Betails E Ingredient D	etails 🛛 🗽 Order Comment	s \			
	₽ % [h, ₽ ×]					
	🛨 🔛 lin. 🔍 🎽			Remaining Administrations: (Unknown) St		
	*Freetext Description: 📗			*Freetext dose:		
	Drug Form:		~	*Route of administration:		
	*Frequency:		~	PBN:	C Yes C No	
	PRN reason:		~	Pharmacy order priority:	Routine	
	*Requested start date and time: 6	/17/2011 12:51 EDT	~	Duration:	14	
	Duration unit: d	ay(s)	~	Stop date and time:	07/01/2011 📑 🖵 1250	
	Special Instructions:					
	4 Missing Required Details					
	4 Missing Required Details					

3. When entering information in the Freetext Dose field, an alert window may appear as indicated below. Simply click YES and continue with completing the other detail fields.

Medications	Order Services	X
Details for misc medicati Details for misc medicati Details Ingredient D The second sec	Please review the message(s) for the following order(s): Cleveland Clinic 3% eye drops The units you have selected are invalid. Would you like to add them a	ie, 6/17/2011 12:5
*Freetext Description:		
Drug Form:	*Route of administration:	· · ·
*Frequency:	PBN:	O Yes O No
PRN reason:	✓ Pharmacy order priority:	Routine
*Requested start date and time:	/17/2011 12:51 EDT V Duration:	14
Duration unit:	ay(s) 🗸 Stop date and time:	07/01/2011 🗧 🖵 1250
Special Instructions:		
2 Missing Required Details		

4. After completing all the necessary information, then click on the Sign button to place the order.

•	2 Details for misc medication (Cleveland Clinic 3% eye drops)								
		: V iii Order Comments							
	+ % ∥ ↓×		Rema	ining Administrations: 42 Stop: 7/1/2011 12:59:00 EDT					
	*Freetext Description:	Cleveland Clinic 3% eye drops	*Freetext dose:	2 drops					
	*Drug Form:	Ophthalmic Suspension 🗸 🗸	*Route of administration:	EYE, LEFT 🗸					
	*Frequency:	TID (3 times a day) 🗸 🗸] PRN:	C Yes 💿 No					
	PRN reason:	v	Pharmacy order priority:	Routine					
	*Requested start date and time:	6/17/2011 13:00 EDT 🗸 🗸] Duration:	14					
	Duration unit:	day(s) 🗸	Stop date and time:	07/01/2011 🗧 🔽 1259 🕂 EDT					
	Special Instructions:	Patient or family has medication]						
Ľ									
0	Missing Required Details			Sign					



Pharmacy Communication

Med Note

Physicians may enter a Med Note orderable to communicate notes such as "No NSAIDS", "Mix fluids in NS", "Concentrate all fluids", etc. to Pharmacy. (Note:Do not use Med Note to request Pharmacy Consults. Instead use Pharmacy Consult PowerPlan).

1. Type Med Note or Note to search for orderable



2. Select prebuilt sentence

Eind:	M Contains Type: M Acute Care Facility Folder: Search within: All At location: CMC-P	•
Med Note	Corder Sentences	
	Reset OK Cancel	

3. Complete note details in the Freetext Description, then sign orderable.



▪ Details for O-Medication Warning (Med	Note)
🖆 🏵 Details 🕞 Order Comments	
+ \$ In. ↓ >	
*Freetext Description:	Freetext dose:

- 4. Pharmacy will address Med Note when verifying the order.
- 5. MAR display No IM Injection Med Note verified as ordered by physician.

Medications	3/31/2011 11:47 EDT	3/31/2011 22:23 EDT
Scheduled		
<u>b</u> 60'		
0-Medication Warning (No IM injections) No IM injections, misc, Misc, MISCELLANEOUS, Daily, Routine, 04/01/11 9:00:00 EDT		
0-Medication Warning		
მი ¹ D-Medication Warning (Triple concentrate drips) Triple concentrate drips, misc, Misc, MISCELLANEOUS, Daily, Routine, 04/01/11 9:00:00 EDT		
0-Medication Warning		

6. MAR Display - No IM injection Med Note verified with Pharmacist entering note in dose field.

Medications	3/31/2011 11:47 EDT	3/31/2011 22:28 EDT	3/31/2011 22:29 EDT
Scheduled			
მძ ^ი O-Medication Warning No IM injections, No IM Injections, Misc, MISCELLANEOUS, Daily, Routine, 04/01/11 9:00:00 EDT			
0-Medication Warning			
භිත් O-Medication Warning (Triple concentrate drips) Triple concentrate drips, misc, Misc, MISCELLANEOUS, Daily, Routine, 04/01/11 9:00:00 EDT			
0-Medication Warning			

Locked Profile

• 1. When pharmacy is actively entering orders in the patient's profile, the physician will receive a warning when they go to enter orders.

Patient Profile Is Reserved - FIRSTNET, THREE ICONS	X
Unable to secure patient's medication profile. Profile is currently locked by TESTEP2 , PHARMACIST EP2.	
ОК	

- 2. Click OK. When the pharmacist closes the patient's profile, the physician will be able to place orders.
- 3. Additionally, if ordering from the MPage, the user will then see



Discern N	1Pages X
8	Discern MPages Orders InvokeNewOrdersWithMultipleDxMOEW - order(s) failed to add to SP

• 4. In either case, the user should wait a few minutes and then reattempt ordering.



3. PowerPlans

- A **PowerPlan** is a predefined group of orders that are routinely prescribed together, which can be entered under one orderable name. Once placed, they remain linked via the **PowerPlan** name. They may have a Zynx link to Evidence Based practice to guide use.
- Orders placed as a **PowerPlan** will stay grouped and will be identified by a **b** icon.

PowerPlan Naming Convention

- **PowerPlans** have a standard naming convention that consists of keywords at the beginning of the name all caps.
- The keywords identify the population and specialties the PowerPlan was designed for.
 - Population prefaced with PEDS to designate a pediatric PowerPlan. Prefaced with ADULT to designate if it is an adult version of a pediatric PowerPlan.
 - Specialty prefaced with the appropriate specialty acronym. Below is the list of specialty acronyms.

• • •	1 7 7
ANE	Anesthesia
ВНС	Behavioral Health
CARD	Cardiology
CRIT	Critical Care
EENT	Eye Ear Nose Throat
GASTRO	Gastroenterology – Hepatology
MED	General Medicine
NEO	Neonatology
NEPHRO	Nephrology
NEURO	Neurology – Neurosurgery
NB	Newborn Care
ОВ	Obstetrics
GYN	Gynecology
ONC	Oncology - Hematology
PAIN	Pain Service
TRANS	Transplant
ORTHO	Orthopedics
PHARM	Pharmacy
PLASTIC	Plastic-Cosmetic
PULMO	Pulmonology
RAD	radiology
REHAB	Rehabilitation
SURG	General Surgery
TRAUMA	Trauma Services
URO	Urology
VASC	Vascular
	<u>k</u>



Selecting a New PowerPlan

- **1. PowerPlans** can be found in the order catalog by typing the topic in the search window, using the "contains" search function.
- Wild Card Search (*)
 - Example S* will bring back any PowerPlans beginning with an S

Eind: 🔽 💏 Contains 💌 Type: 👘	Acute Care Facility
▲ 🛣 😒 🕶 Folder: Search within: All	At location: ZZEPACT DUMMY ORG
Adenocard Anticardiolipin Ab-IgG & IgM BRHC: Post Cardiac Cath Med Orders CARD Acute Coronary Syndrome CARD Acute Coronary Syndrome CARD AdD Pacemaker ILR Post CARD AICD Pacemaker ILR Pre CARD AICD Pacemaker ILR Pre CARD Cardiothoracic Surgery Post ICU CARD Cardiothoracic Surgery Post ICU CARD Cardiothoracic Surgery Post ICU CARD Cardiothoracic Surgery Post ICU CARD Cardiothoracic Surgery Post Telemetry CARD Cardiothoracic Surgery Post Telemetry CARD Cardiothoracic Surgery Post CARD Cardiothoracic Surgery Post CARD Cardioversion Post CARD Cardioversion Post CARD Cath Lab Interventional Post CARD Cath Lab Interventional Post CARD Cath Cath Lab Pre CARD Cath Cath Cath Pre CARD Chest Pain Observation CARD Critical Care Atmission CARD Critical Care VN 5/5/2011	CARD EP Study and Ablation Post CARD EP Study and Ablation Pre CARD Esophagogastrectomy Post ICU CARD Esophagogastrectomy Pre CARD Heart Failure CARD Mediastinotomy Mediastinoscopy Post CARD Mediastinotomy Mediastinoscopy Pre CARD Medications CARD Pleux Catheter Post CARD Pleux Catheter Post CARD Sheath Femoral Arterial CARD Sheath Femoral Arterial CARD Sheath Femoral Arterial CARD TEE Pre CARD Theracic Admission or Transfer CARD Thoracic Surgery Pre CARD Thoracic Surgery Pre Cardec Cardec 2 mg-25 mg/mL oral liquid

• 2. Select a **PowerPlan** by left clicking on the name of the plan. When the plan name turns blue and is bold, the plan has been placed on the patient's order scratchpad in a planned pending status. As with orders, multiple **PowerPlans** can be selected at one time

▲ ☆ ► 🖬 Folder: Search within: All	At location: ZZEPACT DUMMY ORG
denocard nticardiolipin Ab-IgG & IgM BRHC: Post Cardiac Cath Med Orders DRHC: Pre Cardiac Cath Med Orders CARD Acute Coronary Syndrome CARD Acute Coronary Syndrome CARD Acute Coronary Syndrome CARD Acute Coronary Syndrome CARD Active Deacemaker ILR Post CARD Atrial Fibrillation CARD Cardiothoracic Procedure Discharge Phased CARD Cardiothoracic Surgery Post ICU CARD Cardiothoracic Surgery Post ICU CARD Cardiothoracic Surgery Post Telemetry CARD Cardiothoracic Surgery Post Telemetry CARD Cardiothoracic Surgery Post Telemetry CARD Cardiothoracic Surgery Post CARD Cardioversion Post CARD Cardioversion Pre CARD Cath Lab Interventional Post CARD Cath Lab Diagnostic Post CARD Cath Lab Diagnostic Post	CARD EP Study and Ablation Post CARD EP Study and Ablation Pre CARD Esophagogastrectomy Post ICU CARD Esophagogastrectomy Pre CARD Mediastinotomy Mediastinoscopy Pre CARD Mediastinotomy Mediastinoscopy Pre CARD Mediastinotomy Mediastinoscopy Pre CARD Medications CARD PleuX Catheter Post CARD PleuX Catheter Pre CARD Sheath Radial Arterial CARD Sheath Remoral Atterial CARD Sheath Radial Arterial CARD TEE Pre CARD Thoracic Admission or Transfer CARD Thoracic Surgery Pre CARD Thoracic Surgery Pre CARD Thoracic Surgery Pre CARD Thoracic Surgery Pre
CARD Chest Pain Observation CARD Critical Care Admission CARD Critical Care VN 5/5/2011	Cardec Cardec 1 mg-15 mg/mL oral liquid Cardec 2 mg-25 mg/mL oral liquid

*Note: To resize the ordering window, click the resize square (found at the top righ-hand side of the window) This will allow you to see the orders you have selected on your desktop. To complete the process, click done.



• 1. Powerplans can also be located under the **Inpatient PowerPlan catalog**. From the menu, select Orders, then select the +ADD button.



• 2. From the orders screen window, click the button with a file folder

				100					ntor 🕄 UpToDate Online 😦	
🔀 New Sticky Note 📲 View Sticky Note	Tear Off Attact	Bi Change # Suspen	d 🗐 Eigh 🧻 Galculator 🔞 Ac	sHoc 🔒 i	M Conversation • 👫 D	npart 🚽 Comm	unicate • 🖪 Pat	ient Education 🔥 Pati	ant Bharmacy () Explorer Men	u 📓 i 🌜 DOG D CRIT
AXAcute, Sixt X									de List 🗰 🏠 Recent	Name
AXAcute, Sixty Two patient [9/29/2011 9:37 - (No - Dis	charge date;]		Age:52 years DOB:11/18/1958		Sex:Male MRN:00001060	i2		train: A062; 01	** Allergies	-
Menu - All 🛛 🔻 🖗	00.00	ders								🕼 Print 🧟 O minute
nbulatory Summary	Down Dates 1									
patient Summary v02a	PowerOrders									
wsheets	🛧 Add 🚽 Docume	nt Medication by Hx Rei	conciliation + 🔗 Check Interactio	ons 🖬	Stemal Rx History 🔗	Rx Plans (0): In F	Process		Status Meds History 😲 Adm. Mec	Rec O Dirch Made B
robiology Viewer	Orderer Interference	List Document In Plan							· right rinky · run risk	
cuments	orders Triedcadori	use I bocumene arream I								
c Viewer & PowerNote + Add			Displayed: All Active C	Orders Al	Inactive Orders All Orde	ers 5 Days Back				Show More Orders.
dors		View	1 A S	7	Order Name	Status	Details			2. 11
atient Ad Hoc Ordering	Orders for Sig	PAXAcute, Sixty Two-			37013	Station and			manager and and and	
ergies 🔹 🕈 Add		AXAcute, Sixt	v Two	Ag	:52 years	Sex:Male		Loc:Atrain: A06	2:01 ** Allergies **	
dication Profile	Medical In	patient [9/29/2011 9:	37 · (No · Discharge date)]	DO	B:11/10/1958	MRN:000	0106062	Account #:1020	006062	
dication List 🕈 Add	Pharma # ADULT1									
R Summary	# SURG G	Diagnosis (Problem) being	Addressed this Visit		End I	66	Starts with	Type: 🔂 Acute C	are Facility	<u> </u>
phosis and Problems	Valsari	💠 Add 👘 Convert	Display: Active	*	a 6 9 · 🗅	Folder Inpatien	t Order Search	anthin: All	· At location: CMC	
harge Summary	I CARD F	Clinical Dx	Code		-					
Snapshot	Orders Ul Patient			_	Services			1		
B Patient Care Summ	ing Condit			- 111	Department					
	- 🗹 Vital S			- 111	Department					
ctr & Pt Info & Immun	– ⊯ Activit – ⊯ Patien				Circumstances Clinical Problems					
cesheet	- M Diet				Ad Hoc Medication	\$				
m Browser	- M Medica				Inpatient Powerplay	n Catalog				
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alth Maintenance	- ≥ Labora	+ Add : Convert	Display: All	-						
tories & Procedures	- 🗹 Diagno	-								
O & Adv Graph & I-view	- 🖽 Special	Name of Problem	Code ∠	_						sce
X Person Aliases	- 🗹 Consul - 🗹 Theraj	Hypoglycemia	444845012	-11						educ
munication Schedule	- 🖬 Bed Ma									<u></u>
R	- 🔛 Medical									
erview	- E Physicia									
terview tient Care Summary	■ Medication His ■ Reconciliation	L								
inatal Pt Care Summary								DAVAGE	244 Turo - 0000100000	
inatal Rounds Report									Sixty Two - 0000106062	Lone
erence Text			8	1	Perform PN / Flu Imm		Stop: 11/15/10			
erral History				4	Perform PN / Flu Imm Events/Procedures/I		Stop: 11/15/10	0 10:57:42 EST 7:41 EST Constant Indic	alw.	
unds Summary				/	Events/Procedures// Medication List (Medi		Stop: 11/15/10 10:5		910I	
ener samming y	1			1	Verify VTF Screening		Story 11/15/1			
		gnoses & Problems	Details							
		Related Results	- Details							
	F	ormulary Details	Dx Table							Orders For Signature



• 3. Select Inpatient Power Plan Catalog.

PAXAcute, Sixty Two spatient (9/29/2011 9:37 - (No - Dia	charge dates] Age:52 j			Sex Hale MPIN 0000106062		Loc:Atrain: A052; 01 Account # 1020005062	- Allergies -
Menu - All * G	O - C Onters						di frer 20min
mbulatory Summery	PowerOrders						
patient Summary v02a							
a feast avoid	Add "Document Medication by He Reconciliation	 Check Interact 	tions 🗖 to	iternal Rs History & Rx H	ane (00): 3n Pro	cess	🖍 Meda History 🔹 Adm. Meda Fiec: 🔹 Disch. Meda
scrobobagy Wesser	Orders Medication List Donament In Plan						
ocuments	evenue. Londennie Leernaue niemet						
or Venner & Presentation - Add	H	Displayed: All Active	Orders All	inactive Orders I All Orders S1	Days Back		
rders	View	177 AT 15	150	Online Marrie	Status .	Details	
gustarit Ad Hug Crohering	Orders for Signature In Plana	- Condition/Ph	ecoution		Taxanda		
hergers + A.S.I	Discussed In Plan		M	Contact lociation (holati-	Ordered	Pleason for facilition Physician orders, 52	213/10 13 20:00 EST Constant Indicator
edeation People	in Mechan	- Vital Signa	0.100				
edication test + Adul	Pharmacy Consult (Planned)		all also GB	Pulse Overvetry (Neg)		10/03/11 14 50:00 EDT, 51al, PRN (Au-	needed), Spot Check
	# ADULT PEMRM Subcutaneous Insulin Non Pregna		- 64°G-1	VAN Signs		10/03/11 14 50:00 EDT Routese gilts	
AR. Summary	# SURG General MPP		1. ev. 41	Weight		10/03/11 14 50:00 EDT Routes Daily M	
agnose and Problems	Valuartan/Diovan Therapeutic Substitutio CARD Heart Palure (Discordinand)	- Astrony	111 alu*	Vital Signs	Discontinued	10/03/11 13 33:00 EDT Routese Per Pol	ki y
scherge Summery	Concorners (Laconornaed)	- Astrony	1 45	Onis Ann	Ordered	10/03/11 15:52:00 EDT Routine Date E	where we address an endland stars following
Drugoshot	Patient Status	0	1 av 61	Antrésen		10/03/11 14 50 00 EDT Drame Date E	
MB Pabent Care Summ	Condition/Precaution		100	Antaine		10/03/11 13 33 00 EDT Fosters Datable	
	of Vital Signs	- Patient Care					
schrift Ph Solio & Demourt	ad Patient Care		1. 641 (41)	Cardiac Monitor		Continuous 10/02/11 14 58:00 EDT	
testest .	of Dist		44.08	Intake and Output		Steel 10/03/11 14 58 00 EDT Routere q	
and Browner	ad Medications		10 AV 63	Moldy Provider Abronnal			less then 30 mU/hi for 2 consecutive hours
rowth Chart	af IV Solutions		1.1 44 49	Notify Provider Vital Sages Notify Provider Vital Sages		10/03/11 14 58 00 EDT, 02 Sal Leve 11 10/03/11 14 58 00 EDT, SBP Leve The	
	inf Laboratory		-	Nursing Misc Communic		10/03/11 14 50:00 EDT Do not give Bet	
ealth Handenarice	af Radiology of Diagnostic Tests		1 AV 81	Obtain EKG II		10/03/11 14 50:00 EDT with any chest	
istories & Procedures	- us Special			PEN Adapter			top: 10/03/11 14 58:00 EDT II not already in place
60 fs Adv Graph & Livery	of Consults		1 44'GA	Teaching (Educate)			http: 10/03/11 14 50 00 EDT Self management educ
XX Person Alases	iaf Therapy Departments		111 ala" (21)	Teaching (Educate)			rop: 10/03/11 14 58 00 EDT VTE Prophylaets (such
resunitation Schedule	- Lill Bed Management		M	Invasive Tracking	Ordered	11/16/10 0:00:00 EST D-aly (Clinical)	
An	Lif Herical Equip and Supplies Lif Physician Consults		×	Invanye Tracking	Ordered	12/02/10 8 00:00 E 51 Routes D ally (Ca	recell
verview	Madication History		2	CMC Numma Charge	Gidered Ordered	11/16/10 8 00 00 EST D aly [Clean al] 12/01/10 8 44 25 EST Bourse Comban	de de star
alient Care Summary	# Recorditation History		100.0	Crist Hunseld Charges		Placed by Discern Expert Rules CHSAD1	
ervalal PL Care Summary			1	Document Tobacco Ces	Orchester	Stor: 11/19/10 20 24 32 EST	Contraction of Contra
ernal al PE Care Turrenery			1	Events/Proceskees/Noti	Orchestard	11/15/10 11 05 13 EST Constant Index	Aca .
			M		Ordered	Stop 11/15/10 11:05 13 EST	
oference Text			× .	Perform Phi / Flu Inenure	Ordered	Stop: 11/15/10 10:57 42 EST	
of erral History			M	Eversts/Procedures/Noti-	Ordered	11/15/10 10:57 41 EST Constant Indica	Ace .
orande Scanenaery			M.	Medication List (Medicat	Ordered	Step: 11/15/10 10 52 40 E ST	
and the second	1		~	Vacily VTF Scotlander P	Circhneryt	Stres 11/15/10 10 57 40 FST	
		a Detaile					
	Related Results	1					
	Pormulary Datata	CONTRACTOR					

• 4. Select appropriate Power Plan according to specialty.





Selecting PowerPlan orders

• 1. The PowerPlan displays in the top part of the navigator. When you left click on the PowerPlan name, the orders that are included will be display on the right side of the screen.

+ Add & Occurrent Medication by Ho								
Orders Medication List								
	H at o +	Add to Phase - A Check Alerts Start Now	Duration None					
View	A G		and a second sec	1 10 20				
Orders for Signature		Component	Status	Details	Order Comment			
17665		Failure (Planned Pending)						
8 Medical	😑 Patient St.							
CARD Heart Falure (Planned Pending)		Admit/Change Patient Status		TN				
E CARD Critical Care Admission (Initiate								
Suggested Plans (U)	F	Orthostatic Vital Signs		T.N Stat Once				
Orders III Patient Status	9	T Vital Signs		T.N Routine g4h				
Patient Status M Condition/Precaution	B Patient Ca							
Vital Signs	DVT 9	B DVT Prophytania						
M Activity		S PH - VTE Dider Set						
M Patient Care		Monitoring						
- if Diet	F	Cardiac Monitor		Continuous T.N				
- III Medications	R	🕜 Weight		T.N Routine Daily Measure in Kg				
- III IV Solutions	P	Intake and Output		Strict T.N Routine gBhr				
- El Laboratory	E	Pulse 0x Cont (Pulse 0x)		T.N. Routine, Daily, continuous				
- El Radology	R	Pulse Dx Once (Spot Check Pulse Dx)		T.N. Stat. Once				
- 🖽 Diagnostic Tests		Pulse Oximitity (Nog)	T.N Routine Daily Continuous					
- III Special	Notificatio							
- 🖽 Consults	R	Notity Provider Vital Signs		T.N. SBP Less Than 80				
- M Therapy Departments	F	Notily Provider Vital Signs	T,N, 02 Sat Less Than 90					
- 🔜 Bed Management	P	Notify Provider Abnormal Output	T.N For unine output less then 30 mi/hr for 2					
ill Medical Equip and Supplies		d Communication						
III Physician Consults	F	Teaching (Educate)	T.N Routine Once - Sell management educ					
Medication History	P	Teaching (Educate)	T.N Routine Once Smoking Cessation					
	Utinary Ca	sheter Management						
	a Details							
Related Results	1			100	us procession			
Formulary Details	Save as My F	avoite		iv ir	itiate Orders For Sign			

2. Select the appropriate orders by left clicking the box in front of the order. Some orders are already pre-checked in the PowerPlan as part of the design. If you do not wish to place these orders, simply left click on the box in front of it to de-select it.

4	S + A	ld to Phase 👻 🛕 Check Alerts	Start: Now	Duration: None				
	20	Component		Status	Details	Order Comment		
в	Patient Care)						
	🔀 DVT Prophylaxis							
	PH - VTE Order Set							
	Monitoring							
F		🔭 Cardiac Monitor			Continuous T;N			
7		📅 Weight			T;N Routine Daily Measure i	nKg		
া বা বা বা		🔭 Intake and Output			Strict T;N Routine q8hr			
		💙 Pulse Ox Cont (Pulse Ox)			T;N, Routine, Daily, continu	ous		
7		🔭 Pulse Ox Once (Spot Chec	ck Pulse 0x)		T;N, Stat, Once			
		💙 Pulse Oximetry (Nsg)			T;N Routine Daily Continuou	IS		
	Notification							
7		🔭 Notify Provider Vital Signs			T;N, SBP Less Than 80			
বাবাব		🖄 Notify Provider Vital Signs			T;N, O2 Sat Less Than 90			
7		🝸 Notify Provider Abnormal 0	Jutput		T;N For urine output less the	n 30 ml/hr for 2		
	Tasks and	Communication						
বা ব		🔭 Teaching (Educate)			T;N Routine Once - Self mar	nagement educ		
7		😰 Teaching (Educate)			T;N Routine Once Smoking	Cessation		
	Urinary Catl	neter Management						
		🔭 Urinary Catheter Insertion			T;N Routine Once PRN Ind	velling If patient		
в	Diet							
		REMINDER: Enter fluid re	estriction parameters in diet	order.				
		CKD Diet Consistent Carbohydrate D			T;N			
					T;N Calorie Level Consisten			
		🔭 Low Sat Fat/Low Chol/2 g	gm Na Diet		T;N Special Instructions: Ca	rdiac Diet 🔍 👻		
	Details							
Sa	we as My Fa	vorite				🔆 Initiate 🛛 Orders For Signature		

PowerPlan Order Details

• 1. A 😵 will appear next to the order name once it has been selected if there are missing required order details that have not been entered



•	ፋ 🗓 🛇 🛨 Add to Phase 🔻 🛕 Check Alerts 🛛 Start: Now 🔤 Duration: None 🛄								
	8 7		Component		Status	Details			
I	Diagnostic								
		7	DX Chest PA and Lat			T;N Routin	ie, Or		
		😨 📝 🔀 Chest 1 View (DX Portable Chest) T;N Stat, Once)nce,			
	Diagnostic T	ests							
	- 😹 🖊	2	Echo Cardiogram			T;N, Routir	ne, O		
Σ	🗒 🗙	2	ECG Electrocardiogram			T;N Stat O	nce,		
		1	ECG Electrocardiogram			T+1;N Rou	itine (
2	38	Ø	ECG Electrocardiogram			T;N Stat O	nce,		
	Conculto								

- 2. To modify the order, **double click** on the order details to bring up the order detail window.



Most orders have today/now defaulted for the start date/time; however, the start date/time field will **not** populate until the PowerPlan has been **initiated**.

• 3. Some orders have multiple order sentences pre-built for you to choose from. View and select the appropriate order sentence by clicking on the down arrow to the left of the order details.

Notif	ication	
	🎓 Notify Provider Vital Signs	💶 🔽 T;N, SBP Less Than 80
N	🔭 Notify Provider Vital Signs	T;N, SBP Less Than 80
2	🔭 Notify Provider Abnormal Output	T;N, SBP Less Than 90
Task	s and Communication	T;N, SBP Less Than 100

Notes in the PowerPlan are designated by the science. They help guide the user when selecting and placing orders.

All patients need an Admit order. Please ensure that the Admit/Change Patient Status order is selected for inhouse patients, when changing a level of care or when ordering cardiac monitoring. Also ensure required fields are completed when you create a PowerPlan in a planned state.

To modify an order in a planned PowerPlan, confirm the order is checked, then right click on the order

tropium-abuterol	🔀 3 nL, Inhalation Solution.	Nodify Planned Order	ours)
uterol (albuterol 2.5 mg/3 mL 0.083% inh Soln)	2.5 mg per Inhalation Soli -		- 6 hours)
uterol (abuterol CFC free 90 mcg/inh inhidation aerosol)	2 puff, Inhaler, INHALATI patient.	Reference Information Enable Edit on the Line	NON-intubated
N dosing			
uterol (albuterol 2.5 mp/3 ml, 18.083% (nh Solh)	2.5 mg per Inhalation Solut	on NEBULIZATION Ba2h (eve	rv 2 hours) PRN



Select Modify Planned Order and enter prefered changes in the order detail window. To save, add to your favorite.

		steol (salmatarol 50 mog inhalatio			(LATION, RBID (2 times a day)	
	🔽 forme	sterol (formoterol 12 mcg inhalation	n capsule)	12 mog per Capsule	INHALATION Rq12h (every 12)	hours)
Inhaled A	nticholinergic Bronch	odiators				
-					A.L.C. DECIDITION 6. A	
E Detailt I	• ipratropit	Im-albuterol				
	A Strategy	ments 🕼 Olfset Detail: 🔪	Dimini 1			
Bota	ils 13 Under Lon	ments 10 Utiset Detait: 1	1551 Diagnoss /			
-	whether the					
- * % i	in. 🗸 🗉					
	Comment Text:	Г		"Dose:	200	
	Counters rest.	1		0094		
	*Drug Form:	Inhalation Solution	-	"Route of administratios:	cNo Itemso	
		ETT D - D - (D)		005		11
	"Frequency:	🔛 Rq6h (every 6 hours)	· ·	PBN:		¥
						ED.
7.	amacy order priority.	Foutne	¥ 1	Flexuested start date and time:		
	armacy order priority: on now to end point:	Foutne	· · · · · · · · · · · · · · · · · · ·	Requested start date and time: Special Instructions:		100

When ordering a physician consult, please ensure that the consult physician has been notified. Use the radio buttons to denote this communication.

Evidence Based Links

- Zynx links to evidence based practice have been attached to some orders. This is denoted by the 😿. icon.
- As with preps and special instructions, the Zynx link may be viewed by hovering over the icon and clicking on the link.

Dia	gnostic
	😹 👩 DX Chest PA and Lat 🛛 🦯
	DX Chest 1 View (DX Portable Chest)
🗄 Dia	Notifications:
	🕞 Click to see Evidence-based Information.

SubPhases

• **1. PowerPlans** may also contain **Subphases**. **Subphases** are Powerplans added to another **PowerPlan**. They are identified with the icon .

Medications
📲 📲 CARD Medications
🖶 PHARM Nicotine Replacement Therapy
🖏 PHARM Potassium Magnesium Replacement
🐣 Consider Using Subcutaneous Insulin Nonpregnant

• 2. Selecting the box to the left of the **subphase** will add the it underneath the main **PowerPlan** in the Navigator window, and the **subphase** components will appear on the right.

Orders Medication List						
View I	4] ◎ + Ad	d to Phase + Alerts Start Now Duration: None				
B-Plans B-Medical		ster Management 🎦 Urinary Catheter Insertion				
CARD Heart Failure (Planned Pending)	E Diet	REMINDER: Enter fluid restriction parameters in diet order.				
B CARD Critical Care Admission (Initiated) Suggested Plans (0) Gorders		CKD Diet				
Patient Status Condition/Precaution		Low Sat Fat/Low Chol/2 gm Na Diet NPO Diet NPO Diet Past Midnight				
- ₩ Vital Signs - ₩ Activity		Sodium Controlled (2gm) Diet				
- ₩ Patient Care - ₩ Diet		CABD Madications PHABM Nicotine Replacement Therapy Planned Pending				
IV Solutions Laboratory		PHARM Potassium Magnesium Replacement Consider Using Subcutaneous Insulin Nonpregnant				

3. Select the appropriate orders from the **subphase** and fill in any required details.



- 4. To return to the main **PowerPlan**:
 - Click the **PowerPlan** name in the navigator.
 - Click the "Return to" button at the top and bottom of the subphase components

Orders Medication List	
View	A Return to CARD Heart Failure
··· Orders for Signature	Statu
<u></u> ₽-Plans	CARD Heart Failure, PHARM Nicotine Replacement Therapy (Planned P
🖻 Medical	Patient Status
B-CARD Heart Failure (Planned Pending)	🐣 Relative Contraindications: stroke in progress, acute coronary syndr
PHARM Nicotine Replacement Therapy (Planned Pe	Patient Care
CARD Critical Care Admission (Initiated)	Teaching (Educate)
Suggested Plans (0)	Teaching (Educate)
i≑-Orders	Nursing Misc Communication
- 🔲 Patient Status	Medications
🗠 🗹 Condition/Precaution	Smoking Cessation Medications
🛛 🗹 Yital Signs	Patient with HEAVY TOBACCO USE (Daily tobacco use: 20 or more
🛛 🗹 Activity	ONE:

Add to Phase

- 1. If there is an order that is not included in the PowerPlan, it can still be added by selecting **Add to Phase** button at the top.
- 2. It will bring up the **order catalog** window to search for the appropriate order.

Orders Medication List	
	💶 🚫 🕂 Add to Phase 🕶 🛕 Check Alerts Start: Now
View	Add Order
⊖ Orders for Signature B-Plans	Urin Add Outcome / Intervention
É-Medical	
CARD Heart Failure (Planned Pending) PHARM Nicotine Replacement Therapy (Planned Pe	Biet Biet
CARD Critical Care Admission (Initiated)	CKD Diet
- Suggested Plans (0)	Consistent Carbohydrate Diet

- If there is an active PowerPlan, individual order should be added to it by utilizing the Add to Phase. This groups all the orders together.

Merge View

- **Merge View** displays the PowerPlan components with those already ordered for the patient and active on the patient profile.
- It also shows any order already selected in plans that are being ordered.
- Uncheck any duplicate or unnecessary order from the plan after viewing what is already ordered or being ordered.
- Click on the control icon to activate the Merge View.



8 P	Component	Status	Details			
CARD Heart Failure (P	lanned Pending)					
😑 Patient Status						
	Admit/Change Patient Status		T;N			
Vital Signs						
Image: Second	Orthostatic Vital Signs		T;N Stat Once			
v 🕅 🗹	Vital Signs		T;N Routine q4h			
Vital Signs (Other)						
🗹 📴	Blood Pressure	Ordered	05/03/11 15:38:00 EDT Routine			
🗹 🗈	Pulse Oximetry (Nsg)	Ordered	05/03/11 15:38:00 EDT Stat Daily			
🗹 🕞	Vital Signs	Ordered	05/04/11 15:38:00 EDT Routine			
🖌 💽	Vital Signs	Ordered	05/03/11 15:38:00 EDT Routine			
🗹 🕞	Vital Signs	Ordered	05/03/11 15:38:00 EDT Routine			
	Weight	Ordered	05/03/11 15:38:00 EDT Routine			



***NOTE:** ED physicians enters the Admit/Change patient status order after speaking with the accepting physician. To avoid duplications and omission of the Admit/Change patient status order, the Admitting physician can use merge view to verify order placement prior to adding the order from the Admission PowerPlan.

Initiating the PowerPlan

- 1. Once the appropriate orders have been selected, the **PowerPlan** needs to be signed.
- 2. The **PowerPlan** can be **initiated**, if the orders will be needed immediately.
 - The **PowerPlan** can be left in a **planned** status if the orders are not yet needed. (i.e. the patient has not arrived yet or these are postop orders for when the patient is out of surgery).
- 3. Once initiated each order in the PowerPlan and subphase will display individually on the **Orders Profile** under the appropriate **Clinical Category**
- 4. After selecting the appropriate orders and filling in the required order details, click on FowerPlan to an Initiated status.
- 5. Click the Signature button.
 6. Click the button
- VIf the PowerPlan is initiated, single click anywhere on the order line to bring up the order detail window.

View Excluded Components

- View Excluded Components displays the PowerPlan components that were not selected at the time the PowerPlan was initiated.
- It is a convenient way to quickly add an order that was part of the **PowerPlan** but was not originally selected.
- 1. Click on an existing Initiated PowerPlan by clicking on the PowerPlan name in the View column.



2. Click on the 🔯 to view components that part of the **PowerPlan** but were not initiated.

	•	
S S Component	Status	Details
CARD Heart Failure (Initiated) 6/16/2011 9:32 EDT		
Last updated on: 6746/2011 9:33 EDT by: POWERPLANS , CATHERINE BE	NNETT	
😑 Patient Status		
🗖 🗖 Admit/Change Patient Status		T;N
Vital Signs		
📝 Orthostatic Vital Signs	Processing	
📝 Vital Signs	Processing	
Patient Care		
器 DVT Prophylaxis		
PHARM VTE Prophylaxis		
Monitoring		
🗹 🚱 🔂 Cardiac Monitor	Ordered	Continuous 06/16/11 9:32
🔀 Weight	Processing	
📝 Intake and Output	Processing	
🗖 Pulse Oximetry (Nsg)		T;N Routine Daily Continue
🍸 Pulse Oximetry (Nsg)	Processing	

• 3. Select any additional orders to initiate and modify the order details.



PowerPlan Statuses

- PowerPlans can be in 1 of 5 statuses on a patient's chart:
- **1. Planned Pending** chosen from the orderable search, but not yet signed, nor initiated
- **2. Planned** signed and therefore attached to the chart, but not yet available to be acted upon
- **3.** Initiated Pending chosen from the orderable search and initiated, but not yet signed.
- 4. Initiated signed AND Initiated; orders are in ordered status and available to be acted upon
- **5. Discontinued** PowerPlan was discontinued, therefore all orders are either discontinued or in progress.
 - PowerPlan statuses are seen in the Navigator to the left of the orders in the Orders window.

Quick Orders	
🕂 Add 🛛 🖑 Document Medication by Hx 🛛 🚴 Check Interact	tions
Orders Medication List	
View	▲ Start: Now Durat
= Plans	CARD Thoracic Surgery Pre (Planned Pending)
É-Medical	Patient Status
 CARD Thoracic Surgery Pre (Planned Pending) 	🔲 🔲 🕎 Admit/Change Patient Status
⊯ CARD Heart Failure (Planned)	🔽 🕜 📸 Obtain Consent for
CARD Critical Care Admission (Initiated)	🛛 🖯 Vital Signs
- Suggested Plans (U)	🔽 🕜 🍞 Vital Signs
. É-Orders	🔽 🕐 🍞 Vital Signs
- 🖬 Patient Status	B Activity
🛛 🗹 Condition/Precaution	Visiting Out of Bed
Vital Signs	


Planning PowerPlans

• The **PowerPlan** can be left in a **planned** status if the orders are not yet needed. (i.e. the patient has not arrived yet or these are postop orders for when the patient is out of surgery

To put in a Planned status:

- 1. Add a new PowerPlan from the Order Catalog.
- 2. Select the desired orders.

3.	Click the	Orders For Signature button.
4.	Click the	<u>Sign</u> button.
		(a) (b) (b) (b) (b) (b) (b) (b) (b) (b) (b
	1.1	a Detale Detale

Planned orders will not appear on the order profile. They can be viewed by left clicking on the planned PowerPlan in the View column.

PowerPlans can be planned by one provider and signed into active status (initiated) by another provider.

- 1. Click on an existing Planned PowerPlan by clicking on the PowerPlan name in the View column.
- 2. Review all the orders and order details are correct. Use the Merge View to see any duplicate orders.
- 3. Click on ^[2] Initiate to move the PowerPlan to an Initiated status.
- 4. Click the button.
- 5. Click the Sign button.

Initiating a PowerPlan: Virtual Unit Location

- Helpful Tips for entering orders on a patient in the ED awaiting a bed assignment:
 - Check to make sure the patient has been transferred to one of the **5 virtual ED beds**. If the patient is not bedded in a virtual unit, you <u>cannot</u> initiate PowerPlan orders or complete the Admission Medication Reconcialitation:
 - AEC (Ambulatory ED)
 - o DAC (Diagnostic ED)
 - o MJC (Major ED)
 - o PEC (Pediatric ED)
 - HOC (Holding ED)



To identify if a patient has been moved to a virtual unit, view the patient location in the demographic banner.

👌 kilo onen altari 😋 Alaket Dirakat Laborary 📕 f			
Convension Louisber 🧩 Charge Folsy 🖡	Depart Correspondenter -		
I REAL PROVIDENCE STATE		dis. 12-6 all Pecent N. Name	- 46
SexFemale EMIN:0002818757	LocMJC: CMAJ: 05	** Allergies ** Inpatient (5/10/2012 16:00 = «No	Disch
CHR 70001010101	I HITTELETERATE	the second s	
Patient is still in ED Uni	t: DO NOT ORDER		
Patient is still in ED Uni			
Patient is still in ED Uni	S. DICT.: 0		
Patient is still in ED Uni Micromedex 🔍 AHEC Digital Library 👼	S. DICT.: 0	🖛 List 🍽 🍋 Recent • 🛙 Name	- #
Patient is still in ED Uni Micromedex Q AHEC Digital Library	S. DICT.: 0		- M

- The nurse on the receiving unit can initiate the plan once the patient arrives.
- If additional orders need to be added to the admission order set, make sure they are "added to the phase" of the plan so they can be initiated with the plan.

Discontinuing PowerPlans

- 1. To Cancel/DC all orders in either a "Planned" or "Initiated" PowerPlan, the PowerPlan itself can be discontinued. Right click on the PowerPlan name in the view window and choose Discontinue.
- 2. Planned Pending PowerPlans can only be "Removed" not discontinued.



Planned status PowerPlans can also be Voided if placed incorrectly on a patient's chart.

3. The Discontinue PowerPlan window will appear. Only select the orders and subphases you do not want to

discontinue.		🙀 Discontinue CARD Heart Faihere				
	Keep	Component	Ghanas	Order Details		
		Or estate Vital Signs	Gederend	05/26/11 19 20:00 EDT Stat Once Step: 05/26/11 19 20:00 EDT		
	Platers Cat	2 V9 Signs	Ordered	05/26/11 19 20 00 EDT Routes glin		
	E 1	Call Lac Monitor	O+deted	Continuous 05/28/11 19 20 00 EDT Routine Constant Indicator		
		CTW HA	Oscheresd	05/26/11 19 20 00 EDT Rissine Daily Measure in Kg		
		Power and Durput	Ordered	Steid 05/26/11 19/20:00 EDT Routes gBs		
PowerPlans		Phone One Once (Spot	O+dered	05/26/11 19:20:00 EDT. Stat. Disce. Stop. 05/26/11 19:20:00 EDT		
		No Provider Vital Signa	Childeneed	05/26/11 19:20:00 EDT: 58P Less Than 80, Routine		
		y Provider Vital Signs	Ordered	05/26/11 19:20:00 EDT, 02:5at Levi Than 90, Routine		
Discontinuing PowerP	an	Dubind	O-dered	05/25/11 19:20:00 EDT For same output less them 30 mb/te for 2 consecutive hours Constant Indicator		
Biocontinuing i owon	-	Teaching (Educate)	Ordered	05/26/1119/20:00 EDT Positive Drice Stop (05/26/1119/20:00 EDT - Sell management education regarding: dialy- resight, medications, low sodium diet, Bail restrictions, follow up appointments, activity level, and rights of workening. Treat failure:		
		Teaching (Educate)	O+dete-d	05/26/11 19:20:00 EDT Routine Once Stop: 05/26/11 19:20:00 EDT Smoking Cessation		
	Rendications					
	- C	Replacement Therapy	Indiated	Stark 5/26/2011 18:29 ED T		
		Communication	O+detesd	05/26/11 19:20 00 EDT Constant Indicator Do not give Bata Blocker # heart rate less than 50		
	NV Sakases					
		FEIN Adapter	Ordered	05/26/11 19 20 00 EDT Routine Once Stop: 05/26/11 19 20 00 EDT If not already in place		
	L. otherse advantage					
		CPK.MB	Ordered (Dispatched)	Blood, 05/26/11 19:20:00 ED1, Stat collect, Lab Collect, Once, Stop date 05/26/11 19:21:00 ED1		
		CPE, with MB	Ortherest	Blood, 05/26/11 19 20:00 EDT, Stat collect, Lab Collect, Orsce, Stop date 05/26/11 19 21:00 EDT		

3-12



When Discontinuing a PowerPlan, pay close attention to the Admit/Change patient status order and the Code status and select **keep** for the order to remain active as appropriate

Feedback Link

- CHS continually strives to improve the quality of the **PowerPlans**.
- At the bottom of each **PowerPlan** is a link to a webpage to provide feedback on the design.
- 📓 孩 Provider Shared Baseline Feedback
- As with preps and Zynx links, the Feedback link may be viewed by hovering over the icon and clicking on the link.
- You will be contacted when your feedback has been reviewed or if there are any additional questions.

Multiphase Plans

- Some PowerPlans are made up of multiple phases (i.e. PostOp and PreOp phases).
- Easily manage the complete care of the patient throughout their stay.
- Each phase can be planned or initiated individually.
- In general providers or clinicians should initiate the appropriate phase of the MPP only when those orders should be implemented by the clinical staff with the following exception:
 - When the plan needs to be initiated prior to the patient's arrival to the next level of care for workflow purposes.
 - To alert the appropriate department, ie pharmacy, of where to deliver the medication, utilize the special instructions field of that order to indicate this information: "send medication to OR"

Ordering Multiphase Plans

- 1. Select the PowerPlan from the order catalog
- 2. In the Navigation View, each phase is listed under the PowerPlan.



3. Left click the first phase and the orders that are included will be display on the right side of the screen.

B-Plans	OB Cesarean Section, OB Cesarean Section Pre (Planned Pending)
i di- Medical	Patient Status
B-OB Cesarean Section	🗖 🛛 🗧 OB Labwork for the Unregistered Patient
OB Cesarean Section Pre (Planned Pending)	🗖 🗧 🗧 🖓 OB Cesarean Section VTE
OB Cesarean Section Post (Planned Pending)	🔽 😵 📝 Admit/Change Patient Status (Admit)

4. Select the appropriate orders and modify the order details.



5. Click on **Initiate** to move the first phase to an Initiated status.

6. Once the first phase orders are selected and modified, left click the remaining phases and select the appropriate orders and order details.

7. Once all phases' orders have been selected and the order details are filled out, sign the order by clicking the

Orders For Sjgnature	
	button.

l 🔊 💲 🕜 🗖	38	Order Name	Status	Start	Details .
		OB Cesarean Section, OB Cesarean Sectio	Initiated Pending		placing 16 order(s)
🖓 Initiate		OB Cesarean Section, OB Cesarean Section Post	Planned Pending 👉		placing 0 order(s)
⊟ OUS; 0103; 01 A	coun	t #:0963852852 Admit	6/15/2011	8:48 EDT	
Patient Status					
đ	b 🗈	Admit/Change Patient Status (Admit)	Order	6/16/2011 11:07 EDT	6/16/2011 11:07 EDT Observation TEST , AMBULATORY PROVIDER PILOT Intermediate/Progressive Care Specialty Care: 1
Condition/Precaut	ion				
6	b 🗈	Code Status	Order	6/16/2011 11:07 EDT	6/16/2011 11:07 EDT Routine Full Code Blue Constant Indicator
🖯 Vital Signs					
	b 🗈	Vital Signs	Order	6/16/2011 11:07 EDT	6/16/2011 11:07 EDT Routine g4hr
Patient Care					
6		Fetal Monitoring	Order		External 6/16/2011 11:07 EDT Routine 30 minutes prior to proceed
é] # 💽	Fetal Heart Rate	Order	6/16/2011 11:07 EDT	6/16/2011 11:07 EDT Routine Per Protocol Check FHR pre and p regional anesthesia as appropriate per facility
e	la 🗈	Surgical Prep	Order	6/16/2011 11:07 EDT	6/16/2011 11:07 EDT Routine Once clip suprapubic area
ê) E	Athrombics (SCD's)	Order	6/16/2011 11:07 EDT	6/16/2011 11:07 EDT Routine Knee-hi, apply and initiate pump in Constant Indicator
ê	•	Urinary Catheter Insertion	Order	6/16/2011 11:07 EDT	6/16/2011 11:07 EDT Routine On Call Indwelling may insert in the OR if facility allows
ê	•	Teaching (Instruct)	Order	6/16/2011 11:07 EDT	6/16/2011 11:07 EDT Routine Once deep-breathing and coughing exercises
ê	•	Peripheral IV Insertion (IV Start)	Order	6/16/2011 11:07 EDT	6/16/2011 11:07 EDT Routine Once Insert - 18 g preferred

Only the first phase orders will be initiated. The other phases' orders will be in a planned status and can be initiated later.

8. Then click the Sign button

Medication PowerPlans

When ordering certain medications, please use the pre-built medication PowerPlans (i.e Heparin, Warfarin). Search by typing PHARM in the search window or select Pharmacy PowerPlans in the Inpatient Catalog folder.



C:\Documents and Settings\shill19\Local Settings	Temporary Internet Files(OLK2)Pharmacy Medication Specific PowerPlans.gf	💌 🍫 🗙 Live Search
C:\Documents and Settings\shill9\Local Settings\Te	n	🚹 • 🔝 - 🖶 • 🔂 Page • 🎯 T <u>o</u> r
22PTEST, CMCTEST1 - Add Order ZPTEST, CMCTEST1		
tient [1/15/2009 9:42 - <no -="" date="" discharge="">]</no>	DOB:10/18/1976 MRN:153 Account #167	
agnosis (Problem) being Addressed this Visit	End: Ipharm 🖧 Starts with 💌 Type: 🔂 Acute Care Facility	
Add To Convert Display: All	Al Cacion: ZZEPACT DUMM	
Clinical Dx Code	PHARM 3% Sodium Chloride for ASYMPTOMATIC Hyponatremia in Adult Brain Injury Neuro or Neurosurg Pharmaflur	
TestDx	PHARM Abciximab Pharmaflur 1.1	
	PHARM Alvimopan Pre	
	PHARM Amiodarone	
	PHARM Aspiration Pneumonia Antimicrobials	
	PHARM CAP Antimicrobials	
	PHARM cloZAPine	
	PHARM Common Cardiac Medications	
	PHARM Dofetilide	
	PHARM Eptitibatide	
	PHARM HAP VAP HCAP Antimicrobials	
oblems	PHARM Heparin Low Dose	
Add 1, Convert Display: All	HARM Heparin Regular Dose	
ame of Problem Code 🛆	PHARM Ibuilide	
IABETES MELLITUS 250	PHARM Insulin Low Dose [(BG -120)/50]	
YPERTENSION 997.91	PHARM Insulin Moderate Dose [[BG -120]30]	
	PHARM Intrathecal Backden Pre	
	PHARM Local Anesthetic Infusion Pump PHARM Local Anesthetic Infusion Pump PHARM Local Anesthetic Infusion Pump Pre	
	PHARM Local Pain Infusion Care	
	E PHABM Nesitifie	
	PHARM Nicoline Replacement Therapy	
	er Privani v Le Própriyada - Enoxaparin Per PHARM Wafarin Pharmacy Consult	
	Pharmacy Consult Pharmacy Consult	
	- Information Consultance	
	ZZZPTEST, CMCTEST1 - 153One	
		📦 Internet 🗮 100

V *NOTE: When ordering blood cultures, please utilize the Culture Blood Standard Set PowerPlan

Favorites

Creating a Personalized Favorites Folder

The Favorites Folder allows often used orders to be stored for quick and convenient retrieval when needed.

- 1. Open the Add Order window.
- 2. Click the browse button; then select **Organize Favorites**





3. Click Create Folder to create a personalized Favorites sub-folder.



4. Type in the desired name (i.e., My Favorites).

To create a new folder, click Create Folder. To rename, select the item and click Rename. To move an item to a folder, select the item and click Move to Folder.	 □-C. Favorites E-C. Patient Care ⊕-C. Diet ⊕-C. Rad ⊕-C. Lab
Create Folder Rename	Ca Upgrade Teolica
Move to Folder Delete	🛅 My Favorites

5. Click

The personalized (i.e., "My Favorites") sub-folder can be divided into additional sub-folders (i.e., "Diet" or "Patient Care") following the above instructions, highlighting "My Favorites" before clicking **Create Folder**.

Adding an Order to Favorites

Close

- 1. Click the Add Order icon to open the search window; search for the desired order.
- 2. *Right click* on the orderable name; then click **Add to Favorites**

Vitafol-08	Vitamin K Level	VMA,Urine
Vital Signs	Vitapap	VMA-Random Urine
Vitamin A E Add To Favorites	Daplex	Vocational Services
Vitamin A Level	Vitreous Fluid BUN	Void On Call

3. Click to **highlight** the appropriate sub-folder; then click to return to the Add Order window.

	PowerChart will add the currently selected orders to your Favorites.	OK
Name:	Vital Signs	Cancel
Create in:	E Favorites	New Folder

4. Click Done to return to the Orders Profile.

Creating Favorite PowerPlans

- A standard **PowerPlan** can be modified to support your practice while utilizing best practice and evidence-based links.
 - Order sentences defaults can be changed



Save as My Favorite

- Orders can be selected or deselected.
- Order Comments can be added.
- Orders can be added via the Add to Phase functionality above.

This modified **PowerPlan** can be saved as a personal favorite to save you time in the future.

1. Find a PowerPlan that was already placed on a patient's chart or after modifying a new PowerPlan, click

button at the bottom of the screen. Ordered Ordered 15/25/11 19:20:00 1 Ordered Ordered 5/26/11 19:20:00 E 5/25/11 19:20:00 E

0K 2. Type in the name of the favorite plan and click This name is only visible to you.

Save as My Favorite	×
Plan Favorite Name:	
CARD Heart Failure CB	
	<u>OK</u> <u>Cancel</u>

- 🕂 Add to bring up the **Order Catalog** window. 3. Click
- 4. Click on My Favorite Plans folder or search for the PowerPlan.



5. It still brings up the Standard PowerPlan and also your favorite PowerPlan. The date behind the favorite PowerPlan name is the date you added it as a favorite.



Eind: Card heart M	Starts with 💌 Type: 🔀 Acute Search <u>wi</u> thin: All	Care Facility Image: At location: ZZEPACT DUMMY ORG
CARD Heart Failure		

6. Select your favorite **PowerPlan**.

<u>F</u> ind:	齢 Sta	arts with 💌 Type:	🔁 🖪
💿 🙆 😒 🖬 Folder:		Search <u>w</u> ithin: 🗚	
CARD Heart Failure	5/27/2011]	

7. Notice it only shows the standard **PowerPlan** name and not your favorite name.



- 8. When a **PowerPlan**'s content is updated you will receive notification with what changed and requesting you're you resave yourfavorite **PowerPlan**.
- 9. Clicking Load standard catalog plan will load the Standard PowerPlan and not your favorite plan. Later, when you click on your favorite Powerplan, you will be prompted to address the change notification again.
- 10. **Do not save it under a new name.** It will create a 2nd favorite **PowerPlan** in your favorite folder. When you click on the old favorite, you will receive the change notification and be prompted to resave. A window will appear warning you there is already a favorite **PowerPlan** with that name. Click Yes to resave the **PowerPlan**

Browsing the Favorites Folder

- 1. Open the Add Order window.
- 2. Click the browse button.



3. The list of favorites folders will appear in the Add Order window. Click on the desired favorites folder to display the orders.

My Favorites	Vital Signs Vitamin E Level
--------------	--------------------------------

4. Click to select the desired order(s) and follow the standard order entry process.



Organizing the Favorites Folder

- In addition to creating new folders or sub-folders and renaming existing folders, the **Organize Favorites** function can be used to move an order from one folder to another and to delete orders and/or sub-folders from Favorites.
- 1. Click on the order to be moved; then, click **Move to Folder**.





Deleting an Order or a Sub-folder from Favorites

1. Click on the order or sub-folder to be deleted; then, click Delete



2. Click Close

2.

3.

3. Or, to remove an order from the folder, *right click* on the desired order and select **Remove From Favorites** from the shortcut menu



Therapeutic Substitution of Medications

For some medications, there are Pharmacy & Therapeutics Committee (P&T) approved substitutions which are routinely used as replacement products. Therefore, when trying to order these drugs, the initial search may fail to return the medication for which you are looking. These P&T approved substitutions have been built as PowerPlans and named with both Brand Names and Generic Names as appropriate.

1. Search for the medication. Note that in this instance, no results are returned. Also, note that the Search criteria is based upon the **STARTS WITH** option.

🐫 RXSTEST, PHARMTRAIN1 - A	dd Order				
RXSTEST, PHARM	ITRAIN1	Age:50 years	Sex:Male	l	La
Inpatient [6/17/2011 11:17 -	<no -="" discharge<="" th=""><th>-DOB:10/18/19</th><th>60 MRN:456</th><th>64940659 /</th><th>Ac</th></no>	-DOB:10/18/19	60 MRN:456	64940659 /	Ac
		>			
<u>Find:</u> diovan	🛱 🌔 Starts with	💽)Туре: 🚯 Ас	ute Care Facility		
💿 🙆 🚖 🕻 🔯 Folder:	Sear	ch <u>w</u> ithin: All	• A	t location: CMC-	Ρ
		1			

2. Changing the Search criteria to **CONTAINS** will allow the application to find the medication if it is being utilized in a Therapeutic Substitution PowerPlan.

📒 RXSTEST, PHARMTRAIN1 - Add	l Order			
RXSTEST, PHARMT Inpatient [6/17/2011 11:17 - <n< th=""><th>RAIN1 Age:50 lo - Discharge DOB:10</th><th></th><th>Sex:Male MRN:4564940659</th><th>Loc: Acc</th></n<>	RAIN1 Age:50 lo - Discharge DOB:10		Sex:Male MRN:4564940659	Loc: Acc
Find: diovan di	the Contains Type:	🕕 Acute Car		IC-P
Hydrochlorothiazide-valsartan/Dic	ovan HCT Therapeutic Substitu	ion		



3. Select the appropriate PowerPlan and the Plan will open to display the P&T approved substitutions. Select the desired order by clicking on the box beside the designated substitute order.

rde	ers Medication List		
۱	🛋 🚫 🕂 Add to Phase	✓ ▲ Check Alerts Start: Now Duration: None	
	8 8 7	Component Status [Details
	Valsartan/Diovan Thera	apeutic Substitution (Planned Pending)	
	Medications		
	🏈	 Per Pharmacy and Therapeutics Committee approval, valsartan (Di 	iovan) will be substituted with candesartan according to the following regime
	🏈	For valsartan (Diovan) 40 mg ORAL two times a day:	
		' candesartan 4	4 mg per Tablet ORAL q12h, Therapeutic Substitute for Valsartan/Diovan 4
	(§	For valsartan (Diovan) 80 mg ORAL two times a day:	
			3 mg per Tablet ORAL q12h, Therapeutic Substitute for Valsartan/Diovan 8
	<u></u>	For valsartan (Diovan) 80 mg ORAL Daily:	
	N		3 mg per Tablet ORAL Daily, Therapeutic Substitute for Valsartan/Diovan 8
	<u></u>	For valsartan (Diovan) 160 mg ORAL Daily:	
			16 mg per Tablet ORAL Daily, Therapeutic Substitute for Valsartan/Diovan
	<u>\$</u>	For valsartan (Diovan) 160 mg ORAL two times a day:	
			16 mg per Tablet ORAL q12h, Therapeutic Substitute for Valsartan/Diovan
	<u>\$</u>	For valsartan (Diovan) 320 mg ORAL Daily:	
		candesartan 3	32 mg per Tablet ORAL Daily, Therapeutic Substitute for Valsartan/Diovan
	J		
	🛣 Details		
	Save as My Favorite		汉 Initiate

4. INITIATE or SIGN the PowerPlan as desired. The Therapeutic Substitution PowerPlan will display in the left side Navigator Window

STEST, PHARMTRAIN1 ient [6/17/2011 11:17 - <no -="" date="" discharge="">]</no>	Age:50 years DOB:10/18/1960	Sex:Male MRN:4564940659	Loc:2ES; 2138 Account #:363
😌 💿 🕞 🚰 Medication List			
🕂 Add 🛛 🗬 Document Medication by Hx 🔹 Reconciliation 🕶	🚴 Check Interactions 🛛 🛅 🛙	External R× History R× Plans (0): Er	rror - Status Meds H
Orders Medication List			
	M 💽 🐼 🚫	+ Add to Phase - Start: 6/17/	2011 12:40 EDT Stop:
View			
···· Orders for Signature		🛛 🕅 Component	
		iovan Therapeutic Substitution	
É-Medical			by: TESTEP2 , PROV
Valsartan/Diovan Therapeutic Substitution ((Initiated) 🛛 🖂 Medicati		
Suggested Plans (0)		🗹 🙍 🏍 🎾 candesartan (candesartan 8 mg Tablet
– Orders			
- El Patient Status			
- 🖬 Condition/Precaution			
🔟 Vital Signs			
- 🖬 Activity			
🛛 🗹 Patient Care			
- Diet			
- Medications			
··· 🛄 IV Solutions			
- 🖬 Laboratory			
🛄 Radiology			
🔟 Diagnostic Tests			



4. Sliding Scale

- PowerPlans have been built with pre-completed sentences to expedite the order entry process.
- A custom Sliding Scale can also be built using the Sliding Scale tool.

Placing Insulin Sliding Scale Orders from within a PowerPlan

- PowerPlans have been built with pre-built insulin sliding scale orders.
 - 1.If the name of the PowerPlan is known, use the "Starts with" search filter. Select **Adult PHARM Subcutaneous Insulin Non Pregnant** Powerplan. Using the **Adult PHARM Subcutaneous Insulin Non Pregnant** Powerplan will ensure you have the additional orders to support this patient, for example Hemoglobin A1c and Diabetes Teaching Consult.

🧏 ACUTE, RENEWAL ORDER - Add Orde	er	_ _ X
	Age:31 years Sex:Female DOB:7/19/1979 MRN:1000500	Loc:2WS; 401** No Known .Account #:10 Pharm:
<u>Find:</u> adult d ^a da	Starts with 🗨 Type: 👘 Acute Care f Search <u>w</u> ithin: All	Facility At location: CMC-P
ADULT MED Admission ADULT MED Admission KTM 6/2/2011 ADULT MED Enteral Nutrition ADULT NEURO Epilepsy Admission ADULT ORTHO Spine Post ADULT ORTHO Spine Pre ADULT PAIN Epidural Intrathecal Ch	ADULT PHARM Epoprostenol Inhala ADULT PHARM Epoprostenol Inhala ADULT PHARM Epoprostenol Intrav ADULT PHARM Hyponatremia Symp ADULT PHARM PCA fentaNYL ADULT PHARM PCA HYDROmorph ADULT PHARM PCA Meperidine ADULT PHARM PCA Morphine	ADULT PHARM PICC Maintenance ADULT PHARM Subcutaneous Insul ADULT PHARM Thrombolytic Dwell ADULT PHARM Thrombolytic ADULT PHAR ADULT PULMO Pneumonia Immuno ADULT RAD IP Enteral Contrast CT ADULT RAD Vascular Malformation Adult/TPN/PPN Diet
•	ACUTE, RENEWAL	. ORDER - 1000500505 Done

If the name of the PowerPlan is not known, use the "contains" search filter

2. Select the desired order and click the done button to close the search window.

🍋 ACUTE, RENEWAL ORDER - Add Orde	r	
ACUTE, RENEWAL / Inpatient [5/18/2011 10:28 AM - <]		Loc:2WS; 401** No Known Account #:10 Pharm:
Eind: Folder:	Contains 💽 Type: 🗊 Acute Care F Search within: All	At location:
ADULT PHARM Subcutaneous Insul Free and Total Insulin Hold Insulin in AM Insulin Antibodies Insulin Antibody insulin aspart (NovoLOG) 100 units/mL inj insulin aspart (NovoLOG) injection Slid	insulin aspart protamine-insulin aspart insulin detemir HARM Subcutaneous Insulin Non Pregnant Insulin GF Binding Protein 3 insulin glargine insulin glulisine insulin isophane Insulin Level	Insulin Level-Total Insulin Like Growth Factor Insulin Like Growth Factor 1 Insulin Like Growth Factor 2 Insulin Like Growth Factor 2 Insulin Like Growth Factor 3 Insulin Like Growth Factor BP2 Insulin Like Growth Factor BP2
	ACUTE, RENEWAL	ORDER - 1000500505



Note: Inpatient PowerPlans begin with either the service line (Card, Pulm, Pharm, Crit) or the patient population (Adult, Ped).

3. The Powerplan is in Planned Pending status. Select a Low, Moderate or High Insulin dose. Use the dropdown to select the POC(Accucheck)) frequency.



4. Initiate and sign the order. This will send a One time task to the Nurse and then they will Initiate the corresponding Low, Moderate, High Insulin subphase PowerPlan.



Placing Insulin Sliding Scale Order from Outside a PowerPlan

1. From the Order Profile, click the add button to open the order search window. Using the "Contains" search filter, search for Insulin Regular, or Novolog, or Humalog

2. Select the Sliding Scale order, and click done to close the search window.

😓 ACUTE, RENEWAL ORDER - Add Order	×
ACUTE, RENEWAL Age:31 years Inpatient [5/18/2011 10:28 AM - < DOB:7/19/1979	
	e: 👘 Acute Care Facility
💿 🖄 🚖 🖬 Folder: Search <u>w</u> ithin:	All At location: CMC-P
ADULT PHARM Subcutaneous Insulin Non Pregnant Free and Total Insulin Hold Insulin Hold Insulin in AM Insulin Antibodies Insulin Antibody insulin aspart (NovoLOG) 100 units/mL inj insulin aspart (NovoLOG) injection Sliding Scale	insulin aspart protamine-insulin aspart insulin detemir Insulin GF Binding Protein 2 Insulin GF Binding Protein 3 insulin glargine insulin gluisine insulin isophane Insulin Level
	<u> </u>
A	CUTE, RENEWAL ORDER - 10005005 <mark>05 Done </mark>

3. The Order Sentence window opens

🥵 Order Sentences	_ _ ×
Order sentences for: insulin aspart (insulin aspart ((NovoLOG) injection Sliding Scale)
(None) Sliding Scale, Injection SUBCUTANEOUS ACHS Sliding Scale, Injection SUBCUTANEOUS TIDA(Sliding Scale, Injection SUBCUTANEOUS q6h	
	>
Reset	OK Cancel

NOTE: Order sentences have been built to facilitate the speed and accuracy of order entry.

4. Select the desired order sentence and Click OK



😓 Order Sentences		D X
Order sentences for: insulin aspart (ir	nsulin aspart (NovoLOG) inject	ion Sliding Scale)
(None) Sliding Scale, Injection SUBCUTAN Sliding Scale, Injection SUBCUTAN Sliding Scale, Injection SUBCUTAN	EOUS TIDAC (3 times a day b	
Reset	ОК	Cancel

5. This places the order on the scratchpad and opens the order detail window.



-FI

6. To set the sliding scale detail, click the Sliding Scale Icon

ACUTE DENEWAL ODDED - 10005	00505 Opened by TESTEP2 , PROVIDER_I	p				- 8 ×
	Links Options Current Add Help					
		Con Electronic Construer 🔊 Con DACE C	tentor 😋 Micromedex 😋 OB Link 😋 AHEC	Cinital Library		
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	es 🚠 Tear Off 🚠 Attach 🖾 Egit 🔠 Çak	culator 🚓 Depart 📲 Communicate 🔹 🚱	Explorer Menu 🔮 Encounter Location History	y Viewer 😰		
ACUTE, RENE X					💠 List 🍁 🔤 🍋 Recent 🕶	
ACUTE, RENEWAL OF	DER	Age:31 years	Sex:Female	Loc:2WS; 4011; 01	** No Known	Allergies 😁
Inpatient [5/18/2011 10:28 AM - <n< th=""><th></th><th>DOB:7/19/1979</th><th>MRN:1000500505</th><th>Account #:100788899</th><th></th><th></th></n<>		DOB:7/19/1979	MRN:1000500505	Account #:100788899		
Menu - All 🛛 🔻 🖗	😋 😂 📲 🖾 Orders				¢	🏐 Print 🛛 🍣 21 minutes ago
Inpatient Summary V	Quick Orders					
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Medication List Add Documents	Orders Medication List					
Doc Viewer/PowerNote + Add		N & \$ 05 P	Order Name Status St	tart Details		
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7. This opens the Sliding Scale window where desired parameters can be specified. The scale is set according to the starting levels and the increments set. Each row is fixed based on those settings, unlike the pre-completed scales in a PowerPlan where each Blood Glucose level can be dosed individually.

Sliding Scale			×
Starting levels Level: 50 ÷ Dose 2 ÷	units	Increments Size 50	
Call if less than 100	🕂 🔽 Call i	if greater than 500	Calculate
- Sliding scale	-		
From 150	To 199	Additive Dose	Condition Call if less than 100
200	249	4	Call Il less than 100
250	243	6	
300	349	8	
350	399	-	Call if greater than 500
		10	
			OK Cancel

To make changes to the default scale:

8. Change the Starting level by clicking the up or down arrows or by highlighting and typing in the level.

Sliding Scale			×
Starting levels Level: 120 Dose 2	units 💌	Increments Size 50	
Sliding scale			
From	To	Additive Dose	Condition
150	199	2	Call if less than 100
200	249	4	
250	299	6	
300	349	8	
350	399	10	Call if greater than 500
			OK Cancel



9. Change the Increment by clicking the up or down arrows or by highlighting and typing in the increment.

Sliding Scale			×
Starting levels Level: 120 - Dose 2 - Conditions Call if less than 100		Increments Size 30 Dose 2	
From	То	Additive Dose	Condition
150	199		Call if less than 100
200	249	4	
250	299	6	
300	349	8	
350	399	10	Call if greater than 500
			OK Cancel

9. Change the Number of rows in the scale by clicking the up or down arrows or by highlighting and typing in the number.

Sliding Scale			×
Starting levels Level: 120 - Dose 2 - Conditions Call if less than 100	units V Call	Increments Size 30 Dose 2	
Sliding scale	То	Additive Dose	Condition
From 150	199		Condition <u> </u>
200	249	4	
250	299	6	
300	349	8	
350	399	10	Call if greater than 500 🚽
			- -
			OK Cancel



10. Change the increments of the dose by clicking the up or down arrows or by highlighting and typing in the number.

Sliding Scale			×
Starting levels Level: 120 😨 Dose 2 😨 Conditions Call if less than 100	units 💌	Increments Size 30 Dose 4	Number 7
Sliding scale			
From	To	Additive Dose	Condition 🔺
150	199	2	Call if less than 100
200	249	4	
250	299	6	
300	349	8	
350	399	10	Call if greater than 500 🚽
			•
			OK Cancel

10. Conditions can be customized by checking/unchecking the boxes and increasing or decreasing the critical values.

Sliding Scale			×
Starting levels Level: 120	units	Increments Size 30 Dose 4	
Conditions Call if less than 100 Sliding scale	🕂 🔽 Call	if greater than 500	Calculate
From	То	Additive Dose	Condition
150	199		Call if less than 100
200	249	4	
250	299	6	
300	349	8	
350	399	10	Call if greater than 500
			OK Cancel



- 13. Click the Calculate Button to update the scale to reflect the new starting level, increments, and conditions.
- 14. Click the OK button to close the window

Sliding Scale			×
Starting levels Level: 120 Dose 2		Increments Size 30 5 Dose 4 5	
Sliding scale	Το	Additive Dose	Condition
120	149		Call if less than 100
150	179	6	
180	209	10	
210	239	14	
240	269	18	
270	299	22	\
			OK Cancel

15. The new scale can be viewed in the Comments Tab.

😓 ACUTE, RENEWAL ORDER - 1000500	0505 Opened by TESTEP2 , PROVID	ER_IP			_ . ×
Task Edit View Patient Chart	Links Options Cyrrent Add H	(elp			
Message Center 🛉 Patient List 🔝	Rounds List 👫 Discharge Readiness	💂 🤅 🕄 ESA Electronic Signature Q, CHS PA	iCS Stentor 🔍 Micromedex 🕄 OB Link 🔍 A	NHEC Digital Library 🖕	
👷 New Sticky Note 🗐 View Sticky Note	s 🔀 Tear Off 🗵 Attach 🗐 Egt 🛛	🔹 Çakulator 🔹 Depart 🔄 Communicate	• 🛞 Explorer Menu 🛛 🕸 Encounter Location H	istory Viewer	
ACUTE, RENE X					🗭 List 🏟 💁 Recent 🔹 Name 🔹 💏
ACUTE, RENEWAL ORI	DER - Discharge date>]	Age:31 years DOB:7/19/1979	Sex:Female MRN:1000500505	Loc:2WS; 4011; 01 Account #:1007888999	"" No Known Allergies " Pharm:
Menu - All 🔹 🕈 🕂	ઉ 💿 🔹 🚮 Orders				🍊 Print 💸 1 hours 27 minutes ago
Inpatient Summary V	Quick Orders				
Flowsheets					
Microbiology Viewer	🕂 Add 🖓 Document Medicatio	n by Hx 🔋 Reconciliation * 🛛 👶 Check Intera	tions External Rx History Rx Plans (0):	Error •	Ieds History 😲 Adm. Meds Rec 😲 Disch. Meds Rec
Medication List 🕈 Add	Orders Medication List				
Documents			la concentration de concentration de la concen	la contra de con	
Doc Viewer/Power/Note + Add	View	K & \$ @ \$?	Order Name Status insulin aspart (insulin Order	Start Details 6/9/2011 11:30 AM 2-26 units. Injection S	UBCUTANEOUS ACHS (before meals and at bed.
Overview Rounds Summary	s for Signature				
Rounds summary		T Details for InSulin a	aspart (insulin aspart (No	voLOG) injection — Slidir	ng Scale)
Allergies + Add	dical	📅 Details 🔪 🗊 Order D	omments		
Diagnosis and Probl	Restrictive Intervention for Vio Restrictive Intervention for Vio	in the state			[]]
Enctr/Pt Info/immuniz	Urinary Catheter Insertion &		1		
Facesheet	CARD Critical Care Admissio	n (Initia 120 - 149 2 units Califiess t	han 100		<u>ے ا</u>
Form Browser	ADULT PHARM Subcutaneou	180 - 209 10 units			
Growth Chart	PHARM Moderate Dose In Urinary Catheter Insertion & C	E10 E00 14 0100			
Health Maintenance	Urinary Catheter Insertion & C	270 · 299 22 units			
Histories/Procedures	Urinary Catheter Insertion & C				
I&O/Adv Graph/Iview	Urinary Catheter Insertion & C				
MAR	Restrictive Intervention for No Restrictive Intervention for Vio				
MAR Summary	Restrictive Intervention for No				
Orders	Destrictive Intervention for No				<u>× </u>
Patient Care Summary	Related Results				
Perinatal Patient Car	Formulary Details	0 Missing Required Details			Sign
Perinatal Rounds Re					
					STAGE PRVIPEP2 June 09, 2011 10:41 AM EDT
			,		, , , , , , , , , , , , , , , , , , , ,



16. Complete additional order details and click the sign button to place the order.



17. Order is on the Order Profile in "Ordered "status.





18. Sliding Scale detail can be viewed by hovering over the order....



19. and also on the MAR

😓 ACUTE, RENEWAL ORDER - 100050	0505 Opened by TESTEP2 , PROVIDE	R_IP								_ # X
Task Edit View Patient Chart	Links Options Help									
🔄 Message Center 🛓 Patient List 📑	Rounds List 🎬 Discharge Readiness	🗄 🕄 ESA Electronic Signature 💐 CHS PACS Ste	ntor 🔍 Micromedi	x 🕄 08 Link (🔾 AHEC Digital Libi	rany 👳				
🗄 🔀 New Sticky Note 📲 View Sticky Note	es 🔀 Tear Off 🖭 Attach 🗐 Eyt 🚦	Galculator 🔹 Depart 🛁 Communicate 🔹 🛞 I	Explorer Menu 🛛 👼 I	Encounter Locatio	on History Viewer					
ACUTE, RENE X							4	🕨 List 📫 🛛 🗞 P	Recent • Name	- 两
ACUTE, RENEWAL OR	DER - Discharge date>]	Age:31 years DOB:7/19/1979	Sex:Female MRN:1000	500505		c:2WS; 401 ccount #:100		** No Phar	Known Aller n:	gies —
Menu - All 🛛 🔻 🕂	😋 💿 🔹 🏠 MAR								🖂 Print 🤡 1 l	hours 47 minutes ago
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Medication List 🕈 Add	Time View									
Documents	Scheduled	Medications	6/8/2011 1 12:30 PM EDT	5/8/2011 5:00 PM EDT	6/8/2011 6:00 F PM EDT	5/8/2011 9:00 PM EDT	6/9/2011 8:3 AM EDT	AM EDT		6/9/2011 12:00 PM ED1
Doc ViewenPowenNote + Add	Unscheduled	Did you document witness in comment?								
Overview	PRN	nsulin lispro (HumaLOG)								
Rounds Summary		Siding Scale, Injection SUBCUTANEOUS g4h.						Sliding Scale		Sliding Scale
	Continuous Infusions	Routine, 06/09/11 8:42:00 EDT, 14 day(s), Stop date 06/23/11 8:41:00 EDT								
Allergies + Add		For Blood Glucose: Below 70, Follow Hypoglyce For Blood Glucose: For Blood Glucose.								
Diagnosis and Probl		Did you document witnes Did you document witnes To All	ypoglycemia Orders							
Enctr/Pt Info/Immuniz										
Facesheet		metFORMIN (metFORMIN 500 mg per 1 tablet Tablet OFI 181 - 210: 3 units - faul Brutine 06/07/01 927 net							500 mg	
Form Browser		day). Routine. 06/02/11 9.27. 211 - 240: 4 units	additional Insulin						0000 mg	
Growth Chart		Stop date 06/16/11 9:26:00 E 241 - 270: 5 units metFORMIN 271 - 300: 6 units	additional Insulin							
Health Maintenance		PRN 301 - 330: 7 units -	additional Insulin							
Histories/Procedures		331 - 360: 8 units Over 360: 10 units	addhonal Insulin additional Insulin						30 mL Not given within	
I&O/Adv Graph/lview		Al hydroxide/Mg hydroxid (Al hydroxide/Mg hydroxid 30 mL Suspension, ORAL, gd Glaccer river 180 r	rective Insulin when	patient NPO-No	stify Provider for Blo	od			5 days.	
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MAR Summary		date 06/21/11 14:07:00 EDT								
Orders		Al hydroxide/Mg hydroxide/simethicone PBN Besponse								
Patient Care Summary		PBN Besponse PBN PBN			· · · · ·			1	0.25 mg	
Perinatal Patient Car		ALPRAZolam (ALPRAZolam 0.25 mg Tablet)							Not given within 5 days	-
Perinatal Rounds Re	Therapeutic Class View	1							u uovo.	<u> </u>
				_				STAGE P	AVIPER2 June 09	2011 10:48 AM EDT
								Jinde yi	the sea pane or	AVIT IN TO POIL OF



5. Adhoc Ordering MPage

- The Adhoc Ordering MPage should only be used to enter single orders into the system. A good example for its use would be when rounding on patients on subsequent hospital stay days and a few minor orders need to be placed. It should not be used for Admitting orders, Quality Measures ordering (i.e. VTE, Stroke) or Evidence Based Order Sets. PowerPlans should be used in those situations.
- The MPage will incorporate a central display screen, similar to that in the screenshot below, through which inpatient clinicians will interact to place ad hoc orders for their patients. The ability to select and place multiple orders will be supported. It is highly recommended that items found in specific PowerPlans, such as Anticoagulant Therapy, be ordered from the PowerPlan, not the Ad hoc page. The Ad hoc page is meant for the provider to quickly place one off orders.
- The screen below will be divided into five tabs,
 - Lab (Lab Orders with frequencies of Today, Tomorrow or Stat)
 - Rad/Studies (Radiology Orders with frequencies of Today, Tomorrow or Stat)
 - ➢ IV/Diet/Pt. Care
 - Consults/Resp Ther.





Features of Adhoc Ordering Mpage

- 1. Each orderable listed on the form will have a corresponding check box located adjacent to the orderable title.
 - Left clicking on the box will place a **green** check mark in it and select the orderable to be placed once the "Submit" button is clicked at the end of the order selection process. Orders selected using this method will be ordered using complete orders sentences which will serve to populate all order parameters necessary. In other words, this method will place the selected orders without prompting the user for any additional information. Note that there will be exceptions to this rule when working with orderables that contain parameters that cannot be pre-defined.
 - Right clicking on the box will place a **red** check mark in it and select the orderable to be placed once the "Submit" button is clicked at the end of the order selection process. Orders selected using this method will be ordered using complete orders sentences which will serve to populate all order parameters necessary however the order entry window will be displayed for the order so that parameter values can be modified before placing the order.
- 2. The ad hoc form will contain a "Submit" button that will be clicked to submit the orders selected using one of the methods described in items above.
- 3. The form will also include a "Submit with additions" button that will allow the user to further modify their orders or add additional orders that do not appear on the Mpage. This feature can also be used to place additional orders not found on Mpage orders.
- 4. The form will also include a "Clear Form" button that will cancel the orders process for the selected orders and clear their associated check boxes.
- 5. There will be a hover over feature that will show the complete order sentence, the order name, and current orders list if applicable.

Order Mnemonic: [23226	31393] CBC with Differential
Order Sentence: [235297	7392] Blood, T;N, Stat collect, Nurse collect, Once
Current Orders:	12 Alexand Alexandre Alexandre Alexandre Alexandre Alexa
01/31/2011 16:28	Blood, 01/31/11 16:25:00 EST, 01/31/11 16:26:00 EST, Stat collect, Lab Collect, Once, Stop date 01/31/11 16:28:00 EST
01/28/2011 13:29	Blood, 01/28/11 13:29:00 EST, 01/28/11 13:29:00 EST, Stat collect, Lab Collect, Once, Stop date 01/28/11 13:29:00 EST
01/20/2011 11:08	Blood, 01/20/11 11:07:00 EST, 01/20/11 11:07:00 EST, Stat collect, Lab Collect, Once, Stop date 01/20/11 11:08:00 EST
01/20/2011 10:40	Blood, 01/20/11 10:38:00 EST, 01/20/11 10:38:00 EST, Stat collect, Lab Collect, Once, Stop date 01/20/11 10:40:00 EST
01/20/2011 10:39	Blood, 01/20/11 10:38:00 EST, 01/20/11 10:39:00 EST, Stat collect, Lab Collect, Once, Stop date 01/20/11 10:39:00 EST

- 6. The number of times the order has been placed for the selected encounter appears to the right of the order label in a parenthesis. (5) Would indicate that order had been placed 5 times in the past on the selected encounter
- 7. Each tab will have alternating line highlighting as demonstrated on the Lab tab to aid in the ordering process.



6. Addendum

Communication Types

Communication Type	Description	Creates Co- Signature	Exists Today
	Used for EPACT Phase 2 at CPOE Venue Facility		
CPOE PROTOCOL.	Utilized at a CPOE facility when orders are being entered by a non-provider. The provider will have previously placed and signed an electronic order indicating the particular Protocol based on the facilities approved protocols. The Non-Provider then uses this communication type to enter the orders that fall within the guidelines of the previously ordered protocol. This should not be used for Standing orders or any other orders when a Provider has not previously ordered the Protocol. Protocol orders will not require a co-signature, as these orders will be covered by the original order.	No	No
CPOE STANDING	Utilized at a CPOE facility for facility and/or institutional orders that apply to all patients admitted to a unit, facility and/or clinic, and will be carried out for all patients that meet set criteria. This will generate a co-signature per facility policy. Examples of protocol orders are ED Triage Orders. When in doubt as to whether or not to use the CPOE Protocol or CPOE Standing communication type, choose the CPOE Standing communciation type to generate a co-signature to the ordering physician.	Yes	No
CPOE TELEPHONE	Utilized when an order is phoned in by a provider. The order will be placed while the provider is still on the line, and all alerts will need to be addressed while the provider is on the line. The order would have to be read-back and verified with the provider on the line.	Yes	No
CPOE Verbal	Utilized when an order is given within the clinical care setting audibly to another clinician that can enter the order, but does not have the authority to be the authorizing signer for that order. This communication type would be utilized only when the Physician is involved in an emergent situation or in a sterile procedure where he or she cannot immediately attend to the patient. These orders are given face-to-face.	Yes	Yes
THERAPEUTIC SUBSTITUTION FOR PHARMACY	Utilized at a CPOE facility by pharmacists if a therapeutic substitution needs to be made for the medication originally ordered. Based on pre-approved substitutions from the facility PNT committee, these will not generate a co-signature back to the ordering provider.	No	No



	Used for EPACT Phase 1 and EPACT Phase 2 Facilties		
Proposal	Proposed Orders can be utilized by Clinicians that can enter orders they wish to propose to a physician. These orders are not active until the physician approves the order via a Message Center action. The order is viewable on the order profile while in the proposed status. Examples would be orders placed by Medical Students and Urinary Catheter Re-assess orders.	No	No
Written	Default communication type for Physicians in CPOE and Non CPOE venues. Used when an order has been entered on paper during downtime in CPOE venue and previously signed by the physician, or by Non CPOE venue for all orders	No	Yes
Fax	Utilized in an environment for orders that are signed and faxed to the facility for entry by the unit secretary.	No	Yes
	Placed by the system and not available for end-user selection		
Discern Expert	Used when orders are placed behind the scenes via a CCL rule or through documentation.	No	Yes
Electronic	Used with ePrescribe for prescription orders	No	Yes
ESI Default	Used when orders come back inbound to Cerner from foreign systems where the order is created (i.e. Sunquest Lab, Centricity Radiology).	No	Yes