

Power Trials

Cerner Impact

Project Overview



Research study built in OnCore



Patient placed "on study" in banner bar, linked to research summary



PowerPlan built with the orderables required by the study

Sample Research Summary

HSISTEST, ATT
Isolation:
Allergies: Latex, Paper, Sulfamag

Age:65 years
Portal:Active Account
Blood Type:O POS

Research:On Study

Custom Information: HSISTEST, ATT

Clinical Trial/Study Enrollment History for Patient

Protocol Name	Enrollment ID	On Study Date	Off Treatment Date	Off Study Date	Contact Info
UAB15111	test1	9/1/2016			Caterinicchia, Valerie RN...
Initial Protocol		9/1/2016			

OK Cancel

Clinical Trial Summary for UAB 15111

Protocol Number

Title of Protocol: Phase 2 Randomized, Double-Blinded, Controlled Study of Tucatinib vs Placebo in Combination with Capecitabine and Trastuzumab in Patients with Pretreated Unresectable Locally Advanced or Metastatic HER2+ Breast Carcinoma

Study Agents (Drug or Device):

1. Tucatinib
2. Capecitabine (Xeloda)
3. Trastuzumab (Herceptin)

Purpose/Objective of Study:

The purpose of the study is to assess the survival and clinical benefit of tucatinib versus placebo when combined with capecitabine and trastuzumab in patients with advanced HER2+ breast cancer.

Mechanism of Drug Action/Device Description:

Tucatinib is a highly selective oral reversible HER2 tyrosine kinase inhibitor. It has >1000 fold increase in potency for HER2 inhibition compared to EGFR and blocks HER2 signaling while avoiding EGFR-related side effects.

Capecitabine is an oral prodrug of fluorouracil that interferes with DNA and RNA synthesis.

Trastuzumab is an anti-HER2 monoclonal antibody that binds to the HER2 extracellular domain and blocks HER2 cleavage, stimulating antibody-dependent, cell-mediated cytotoxicity, and inhibits HER2-mediated mitogenic signaling. Trastuzumab is administered intravenously.

Toxicities/Side Effects:

Tucatinib: diarrhea, rash, extremity pain, nausea, fatigue, cough, hepatotoxicity, heart failure

Capecitabine: diarrhea, cardiotoxicity, hand-foot syndrome, pancytopenia, hyperbilirubinemia

Trastuzumab: infusion reactions, infections, dyspnea, myalgias, congestive heart failure

Caution:

Do not place patient on Coumadin (other anticoagulants are ok).

CYP3A4 or CYP2C8 inducers or inhibitors are **NOT** permitted on study (e.g. gemfibrozil, clarithromycin, azoles, barbiturates). Please ask your study coordinator before starting any new medications.

KEY CONTACTS:

Principle Investigator: Dr. Erica Stringer-Reasor

Phone: 4-2992

Pager: 4079

Email: esreasor@uabmc.edu

Study Coordinator: Felicia Witherspoon

Phone: 4-4317

Pager: 3119

Email: fwithers@uab.edu

Sample PowerPlan

PowerOrders

+ Add | Reconciliation ▾ | External Rx History ▾ | Rx Plans (0): In Process

View

Orders for Signature

- Plans
 - Medical
 - Research - I300000905 - UAB1790**
 - Screening (Planned)
 - Cycle 1 Day 1 (Planned)
 - Cycle 1 Day 8 (Completed)
 - Cycle 2 Day 1 (Planned)
 - Cycle 2 Day 8 (Planned)
 - Cycle 3 Day 1 (Planned)
 - Cycle 4 Day 1 (Planned)
 - Cycle 5 Day 1 (Planned)
 - Cycle 6 Day 1 (Planned)
 - Cycle 7 Day 1 (Planned)
 - Cycle 8 Day 1 (Planned)
 - Cycle 9 Day 1 (Planned)
 - Cycle 10 Day 1 (Planned)
 - Cycle 11 Day 1 (Planned)
 - Cycle 12 Day 1 (Planned)
 - Cycle 13 Day 1 (Planned)
 - Cycle 14 Day 1 (Planned)
 - Cycle 15 Day 1 (Planned)
 - Cycle 16 Day 1 (Planned)
 - Cycle 17 Day 1 (Planned)
 - Cycle 18 Day 1 (Planned)
 - EOT (Planned)
 - Month 1 (Planned)
 - Month 3 (Planned)

			Component	Status	Dose ...	Details
<div style="background-color: #e6f2ff; padding: 2px;"> Research - I300000905 - UAB1790, Screening (Planned) Last updated on: 3/28/2018 8:43 by: Burton, Anna </div>						
<div style="background-color: #e6f2ff; padding: 2px;"> Laboratory </div>						
<input type="checkbox"/>	<input checked="" type="checkbox"/>		CBC WITH DIFF			Routine collect, Blood, Q1
<input type="checkbox"/>	<input checked="" type="checkbox"/>		Prothrombin Time (PT)			Routine collect, Blood, I300000905; I300000905/680608109318/60852895
<input type="checkbox"/>	<input checked="" type="checkbox"/>		PTT			Routine collect, Blood, I300000905; I300000905/680608109318/60852895
<input type="checkbox"/>	<input checked="" type="checkbox"/>		Phosphorus Serum			Routine collect, Blood, I300000905; I300000905/680608109318/60852895
<input type="checkbox"/>	<input checked="" type="checkbox"/>		Magnesium Serum			Routine collect, Blood, I300000905; I300000905/680608109318/60852895
<input type="checkbox"/>	<input checked="" type="checkbox"/>		Comprehensive Metabolic Panel 2 (CMP)			Routine collect, Blood, Q1
<input type="checkbox"/>	<input checked="" type="checkbox"/>		HBV Quant			Routine collect, Blood, I300000905; I300000905/680608109318/60852895
<input type="checkbox"/>	<input checked="" type="checkbox"/>		Hepatitis C Antibody			Routine collect, Blood, I300000905; I300000905/680608109318/60852895
<input type="checkbox"/>	<input checked="" type="checkbox"/>		HCV QNT (HCV RNA Quantitative)			Routine collect, Blood, I300000905; I300000905/680608109318/60852895
<input type="checkbox"/>	<input checked="" type="checkbox"/>		Urine Pregnancy Test			Routine collect, Urine, I300000905; I300000905/680608109318/60852895
<input type="checkbox"/>	<input checked="" type="checkbox"/>		Adrenocorticotrophic Hormone			Routine collect, Blood, I300000905; I300000905/680608109318/60852895
<input type="checkbox"/>	<input checked="" type="checkbox"/>		Thyroid Stimulating Hormone			Routine collect, Blood, I300000905; I300000905/680608109318/60852895
<input type="checkbox"/>	<input checked="" type="checkbox"/>		Thyroxine Free			Routine collect, Blood, I300000905; I300000905/680608109318/60852895
<input type="checkbox"/>	<input checked="" type="checkbox"/>		CA 125			Routine collect, Blood, Q1
<div style="background-color: #e6f2ff; padding: 2px;"> Radiology </div>						
<input type="checkbox"/>	<input checked="" type="checkbox"/>		CT Rsh Chest with contrast METRIC			bill to insurance, IRB #I300000905, Q1
<input type="checkbox"/>	<input checked="" type="checkbox"/>		CT Rsh Body with contrast METRIC			bill to insurance, IRB #I300000905, Q1
<input type="checkbox"/>	<input checked="" type="checkbox"/>		MR Rsh Body with contrast METRIC			I300000905 - Nonstandard imaging protocol, Q1
<div style="background-color: #e6f2ff; padding: 2px;"> Research - I300000905 - UAB1790, Cycle 1 Day 1 (Planned) Last updated on: 3/28/2018 8:43 by: Burton, Anna </div>						
<div style="background-color: #e6f2ff; padding: 2px;"> Laboratory </div>						
<input type="checkbox"/>	<input checked="" type="checkbox"/>		CBC WITH DIFF			Routine collect, Blood, I300000905; I300000905/680608109318/60852895
<input type="checkbox"/>	<input checked="" type="checkbox"/>		Phosphorus Serum			Routine collect, Blood, I300000905; I300000905/680608109318/60852895
<input type="checkbox"/>	<input checked="" type="checkbox"/>		Comprehensive Metabolic Panel 2 (CMP)			Routine collect, Blood, I300000905; I300000905/680608109318/60852895
<input type="checkbox"/>	<input checked="" type="checkbox"/>		Urine Pregnancy Test			Routine collect, Urine, I300000905; I300000905/680608109318/60852895
<div style="background-color: #e6f2ff; padding: 2px;"> Research - I300000905 - UAB1790, Cycle 1 Day 8 (Completed) 3/28/2018 8:43 - 3/28/2018 9:10 Last updated on: 3/28/2018 9:04 by: Christopher, Hollie W </div>						
<div style="background-color: #e6f2ff; padding: 2px;"> Laboratory </div>						

How does PowerTrials Team know when to build my PowerPlan?

- PowerTrials specialist receives an automated notification from Oncore once the Oncore Protocol Calendar is completed.
 - ◆ Protocol Calendar has orders associated with study visits. It also has who to charge for each order. (Sponsor vs patient)
 - ◆ **Study Coordinator (SC) needs to validate Protocol Calendar to make sure orders are correct.**
 - ◆ The PowerTrials team might request validation of the Protocol Calendar if the study team is not building the Protocol Calendar.

Protocol Calendar used for PowerPlan build plan:

Study No.: UAB1736					
Arm: Arm A					
	Screening 1@ On Treatment 8 Cycles @28Days				
Re-labelled visits	D -28 to -1				
	D1	C1D1	C1D8	C1D15	C2D1
CBC/Plt + Manual Diff	X	S	X	X	S
PT	X				
Appt/INR	X				
Uric Acid	X	X	X	X	X
LDH	X	X	X	X	X
Phosphorous	X	X	X	X	X
Magnesium	X	X	X	X	X
CMP	X	S	X	X	S
Direct Billirubin	X [A]	X [A]	X [A]	X [A]	X [A]
U/A w/micro	X				
Serum Preg Test	X				
Urine Preg Test	X				
Venipuncture	X	S	X	X	S
Neck CT w/contrast	X [A]				
Chest Ct w/contrast	X				
Abdm/Pelvis CT w/contrast	X				

X: bill to sponsor

S: bill to patient's insurance (Standard of Care)

Important - Builders need to know the length and # of cycles. For example - this one has 8 cycles and each is 28 days.

Calendar Foot Notes
A. If Clinically Indicated.

Email Notification:

- If the Calendar contains Lab and/or Rad orders, the PowerTrials specialist will notify the SC by email, that the PowerTrials team has received the notification and is in the process of building the PowerPlan.
 - ◆ Feel free to make suggestions.

Priority: Normal
From: Helpdeskprod@uabmc.edu
Sent: 7/31/2018
To: ansanders@uabmc.edu
Cc: msjerome@uab.edu
Subject: SR 655642 - UAB1791 - I300001021 (CC)
Good morning Angel,
I'm about to begin building the PowerPlan for UAB1791. Is there anything I need to know prior to building?

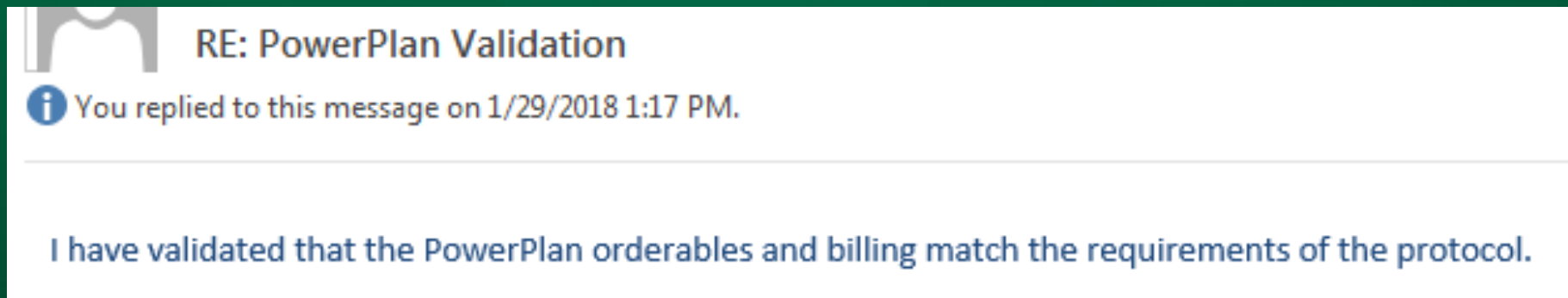
Alicia Martin-Gunter
Z-Orders/PowerPlans
abmartin@uabmc.edu

Power Plan:

- A specialist builds PowerPlan according to the validated Protocol Calendar specifications.
- If the study has more than one Arm, a PowerPlan will be built for each Arm separately.
- If the Screening visit will occur prior to Arm randomization, please let us know and a separate PowerPlan will be built for Screening.
- Research PowerPlans have modifiers built into orders that will be billed to the patient's insurance or the IRB account. **Because Research PowerPlan orders are pre-coded with Q1 and Research modifiers, they cannot be modified by the end-user.**

Validation Email sent to SC

- A request for validation email is sent to SC who is assigned to the study in OnCore. If no SC has been assigned, then we will reach out to the Research Manager.
- Will include Validation Workaid
- Validation must be completed within 2 weeks.
- Reply All to validation request email.



Example of PowerPlan Extract:

Unique Plan Description: Research - W170621010 - UAB1736
Plan Selection Display: Research - W170621010 - UAB1736
Plan Type: Medical
Version: 1
Begin Effective Date: 1/5/2018 14:14
End Effective Date: Current
Available at all facilities

Screening Laboratory

- CBC WITH DIFF
Routine collect, Blood, W170621010; W170621010/0680606439318/60852747
- PT
Routine collect, Blood, W170621010; W170621010/0680606439318/60852747
- PTT
Routine collect, Blood, W170621010; W170621010/0680606439318/60852747
- Uric Acid
Routine collect, Blood, W170621010; W170621010/0680606439318/60852747
- LDH
Routine collect, Blood, W170621010; W170621010/0680606439318/60852747
- Phosphorus Serum
Routine collect, Blood, W170621010; W170621010/0680606439318/60852747
- Magnesium Serum
Routine collect, Blood, W170621010; W170621010/0680606439318/60852747
- CMP**
Routine collect, Blood, W170621010; W170621010/0680606439318/60852747
- Bilirubin Direct
Routine collect, Blood, W170621010; W170621010/0680606439318/60852747
- Urinalysis
Routine collect, W170621010; W170621010/0680606439318/60852747
- HCG Pregnancy Serum
Routine collect, Blood, W170621010; W170621010/0680606439318/60852747
- Urine Pregnancy Test
Routine collect, Urine, W170621010; W170621010/0680606439318/60852747

Radiology

- CT Rsh Body wo+w contrast METRIC
W170621010; W170621010/0680606439318/60852747
- CT Rsh Chest wo+w contrast METRIC
W170621010; W170621010/0680606439318/60852747
- CT Rsh Neck wo+w contrast METRIC
W170621010; W170621010/0680606439318/60852747

Cycle 1 Day 1 Laboratory

- CBC WITH DIFF
Routine collect, Blood, Q1

Q1: Billed to patient insurance (standard of care)

IRB#: Billed to study

- CMP**
Routine collect, Blood, Q1
- Bilirubin Direct
Routine collect, Blood, W170621010; W170621010/0680606439318/60852747

Cycle 1 Day 8 Laboratory

- CBC WITH DIFF
Routine collect, Blood, W170621010; W170621010/0680606439318/60852747
- Uric Acid
Routine collect, Blood, W170621010; W170621010/0680606439318/60852747
- LDH
Routine collect, Blood, W170621010; W170621010/0680606439318/60852747
- Phosphorus Serum
Routine collect, Blood, W170621010; W170621010/0680606439318/60852747
- Magnesium Serum
Routine collect, Blood, W170621010; W170621010/0680606439318/60852747
- CMP
Routine collect, Blood, W170621010; W170621010/0680606439318/60852747
- Bilirubin Direct
Routine collect, Blood, W170621010; W170621010/0680606439318/60852747

Cycle 1 Day 15 Laboratory

- CBC WITH DIFF
Routine collect, Blood, W170621010; W170621010/0680606439318/60852747
- Uric Acid
Routine collect, Blood, W170621010; W170621010/0680606439318/60852747
- LDH
Routine collect, Blood, W170621010; W170621010/0680606439318/60852747
- Phosphorus Serum
Routine collect, Blood, W170621010; W170621010/0680606439318/60852747
- Magnesium Serum
Routine collect, Blood, W170621010; W170621010/0680606439318/60852747
- CMP
Routine collect, Blood, W170621010; W170621010/0680606439318/60852747
- Bilirubin Direct
Routine collect, Blood, W170621010; W170621010/0680606439318/60852747

Cycle 2 Day 1 Laboratory

- CBC WITH DIFF
Routine collect, Blood, Q1
- Uric Acid
Routine collect, Blood, W170621010; W170621010/0680606439318/60852747
- LDH
Routine collect, Blood, W170621010; W170621010/0680606439318/60852747

Scheduling Testing:

- SC that will utilize Power Plan is required to attend testing.
 - ◆ **Backup** SC should attend as well
- Testing must be done in General Services Building (GSB) due to the testing platform only working in GSB.
- Will take less than an hour!
- After one testing/training event in GSB, the SC can be given privileges to test remotely.

Testing:

- One-on-one assistance by your PowerTrials specialist
- Script outlining each step of testing process

How To Order PowerPlan

Step 1: Select Documentation Encounter

TESTINGPRO, TANGO Age:52 years Research: Gender:F **Loc:DOCUMENTATION** Att: Documentation [<N
Isolation: Portal:Never Invited DOB:12/19/1964 Fin#: Resus Status:Full Res
Allergies: Allergies Not Recorded Blood Type: Weight: MRN:000060852421

Orders

PowerOrders

+ Add | Reconcilia

Custom Information: TESTINGPRO, TANGO

Visit Type	Location	Est Arrive Date	Admit Date	Discharge Date	FIN	Service	Visit Reason
1 Time OP	W2E	11/7/2017 07:48:00	11/7/2017 07:48:00		680603077311	IM-5	ALICIA GUNTER MARTIN TESTING
1 Time OP	ECO	10/2/2017 05:30:00	10/2/2017 12:30:00		680603077275	GI-25	DIARRHEAH
Documentation	DOCUMENTATION						

GENERAL INFORMATION

Full Name: TESTINGPRO, TANGO EMC:

Reg Date/Time: EMC Phone:

D.O.S.: Fin Number:

Nurse Unit: DOCUMENTATION

Room:

Step 2: Go to Orders tab and 'Add'

The screenshot displays a medical software interface for a patient named TESTINGPRO, TANGO. The top navigation bar includes the patient's name and a close button. Below this, a blue header bar contains patient details: Age: 52 years, Portal: Never Invited, Blood Type: (blank), Research: (blank), Gender: F, DOB: 12/19/1964, Weight: (blank), Loc: DOCUMENTATION, Fin#: (blank), and MRN: 000060852421. The left sidebar shows a 'Menu' with 'Orders' selected. The main content area is titled 'Orders' and features a toolbar with a '+ Add' button circled in yellow, along with 'Reconciliation', 'External Rx History', and 'No Check' options. A 'View' panel on the left lists categories like 'Orders for Signature', 'Plans', 'Suggested Plans (0)', and 'Orders' with sub-options for 'Admission/Discharge/Transfer', 'Vital Signs', and 'Activity'. The main table area shows a 'Display' dropdown set to 'All Orders (All Statuses)' and a table header with columns for '\$', 'Order Name', 'Status', 'Dose ...', and 'Details'. A message at the bottom right states 'No orders currently meet the specified filter'.

TESTINGPRO, TANGO

TESTINGPRO, TANGO
Isolation:
Allergies: Allergies Not Recorded

Age: 52 years
Portal: Never Invited
Blood Type:

Research:

Gender: F
DOB: 12/19/1964
Weight:

Loc: DOCUMENTATION
Fin#:
MRN: 000060852421

Menu

Orders

Inpatient Summary

Last 2 Days Results

Vital Signs

Lab Results

Rad/Imaging Reports

Images aka ISite

Clinical Assessment Results

Reports and Documents

Orders

+ Add | Reconciliation | External Rx History | No Check

Display: All Orders (All Statuses)

\$	Order Name	Status	Dose ...	Details
No orders currently meet the specified filter				

View

- Orders for Signature
- Plans
- Suggested Plans (0)
- Orders
 - Admission/Discharge/Transfer
 - Vital Signs
 - Activity

Step 3: Enter Study Name, IRB#, or Protocol # into Search field (make sure 'Contains' is selected)

The screenshot shows the TESTINGPRO, TANGO - Add Order interface. At the top, a patient information bar displays: TESTINGPRO, TANGO; Age: 52 years; Research; Gender: F; Loc: DOCUMENTATION; Att: Documentation [<No - Admit date...]; Isolation; Portal: Never Invited; DOB: 12/19/1964; Fin#: MRN: 000060852421; Allergies: Allergies Not Recorded; Blood Type; Weight; Resus Status: Full Resuscitation.

The main area is titled "Diagnoses & Problems" and includes a search bar with "15111" entered. A yellow arrow labeled "3" points to the search bar. To the right of the search bar, a dropdown menu is set to "Contains", which is circled in yellow. A yellow arrow labeled "5" points to the search results, which show "Research - W160325006 - UAB15111".

On the left side, there is a table for "Diagnosis (Problem) being Addressed this Visit" with columns for "Annotated Display" and "Code". A yellow arrow labeled "4" points to the "Add" button above the table. At the bottom right, a "Done" button is visible, with a yellow arrow labeled "6" pointing to it.

Step 4: Add or Select Diagnosis

Step 5: click on correct PowerPlan

Is your patient “On Study”?

- When a patient is placed “On Study” in OnCore, OnCore sends this information to Cerner Impact.
- There are two ways to tell:
 - ◆ the PowerTrials Tab in the Impact Menu
 - ◆ “On Study” in the banner bar
- For patients undergoing initial Screening visits, and that have not been entered into OnCore, there will be a pop up box requiring an override reason.

Example of “On Study” in the banner bar

HSISTEST, ATT	Age:65 years	Research:On Study	Gender:F	Loc:DOCUMENTATION
Isolation:	Portal:Active Account		DOB:11/10/1952	Fin#:
Allergies: Latex, Paper, Sulfamag	Blood Type:O POS		Weight:115.67 kg	MRN:000001710929

Example of PowerTrials Tab Impact Menu

The screenshot displays a patient's profile in a medical software interface. The patient's name is PTESTING, D, with a DOB of 11/17/1978 and gender F. The interface includes a 'PowerTrials' tab and a table titled 'Clinical Trial/Study Enrollment History for Patient'. The table lists several studies with columns for Protocol Name, Enrollment ID, On Study Date, Off Treatment Date, Off Study Date, and Contact Info. A blue arrow points from the 'Off Study Date' column to the text on the right.

Protocol Name	Enrollment ID	On Study Date	Off Treatment Date	Off Study Date	Contact Info
UAB15111	005-bbTEST	12/1/2017		12/10/2017	Caterinicchia, Valerie RN...
Initial Protocol		12/1/2017		12/10/2017	
UAB16121	0002	12/21/2017			Lee, Charles A MD...
Initial Protocol		12/21/2017			
UAB1779	008	12/18/2017			Burton, Ar...
Initial Protocol		12/18/2017			
016-1300000520-PIONEERIII	784970501	1/21/2018			Frazier, Patrick RN...
Initial Protocol		1/21/2018			
016-1300000520-PIONEERI	78497082487	1/23/2018			Frazier, Patrick RN...
Initial Protocol		1/23/2018			
016-1300000520-PIONEERII	78497120887	1/23/2018			Frazier, Patrick RN...
Initial Protocol		1/23/2018			
016-1300000138-ENVISAGE	78497031421	1/23/2018			Frazier, Patrick RN...
Initial Protocol		1/23/2018			

A patient can be on more than one study. Make sure your specific study is listed.

When the patient has an “Off Study” indicator in OnCore, 15 days later, the “On Study” in the banner bar will expire. The patient’s enrollment in the study will be available in the PowerTrials tab in Impact’s Menu

Step 7: If patient is listed as On Study in OnCore for the study associated with the PowerPlan:

HSISTEST, ATT

Isolation:

Allergies: Latex, Paper, Sulfamag

Age:65 years

Portal:Active Account

Blood Type:O POS

Research:On Study

Gender:F

DOB:11/10/1952

Weight:115.67 kg

Loc:DOCUMENTATION

Fin#:

MRN:000001710929

Ordering Physician

Research - W160325006 - UAB15111

*Physician name

*Order Date/Time

01/29/2018 1151

*Communication type

- Med Student
- Protocol/Standing Order**
- VORB
- Written
- Discern Expert

OK Cancel

Enter the physician and Protocol/Standing Order.

The PowerPlan will appear under the Orders tab in the View Menu in Impact under Active orders.

Orders Medication List


View

- Research - W160325006 - UAB15111
 - Screening (Planned)
 - Cycle 1 Day 1 (Planned)
 - Cycle 1 Day 12 (Planned)
 - Cycle 2 Day 1 (Planned)
 - Cycle 2 Day 12 (Planned)
 - Cycle 2 Day 21 (Planned)
 - Cycle 3 Day 1 (Planned)
 - Cycle 4 Day 1 (Planned)
 - Cycle 4 Day 21 (Planned)
 - Cycle 5 Day 1 (Planned)
 - Cycle 6 Day 1 (Planned)
 - Cycle 6 Day 21 (Planned)
 - Cycle 7 Day 1 (Planned)
 - Cycle 8 Day 1 (Planned)
 - Cycle 8 Day 21 (Planned)
 - Cycle 9 Day 1 (Planned)
 - Cycle 10 Day 1 (Planned)
 - Cycle 11 Day 1 (Planned)
 - Cycle 11 Day 21 (Planned)
 - Cycle 12 Day 1 (Planned)
 - Cycle 13 Day 1 (Planned)
 - Cycle 14 Day 1 (Planned)
 - Cycle 14 Day 21 (Planned)
 - Cycle 15 Day 1 (Planned)
 - Cycle 16 Day 1 (Planned)
 - Cycle 17 Day 1 (Planned)
 - Cycle 17 Day 21 (Planned)
 - Cycle 18 Day 1 (Planned)
 - Cycle 19 Day 1 (Planned)
 - Cycle 20 Day 1 (Planned)

Step 7: If patient is **not** listed as On Study in OnCore for the study associated with the PowerPlan:

DOE, BRAVO Isolation: Allergies: Allergies Not Recorded	Age:10 years Portal:Never Invited Blood Type:	Research:	Gender:F DOB:5/9/2007 Weight:	Loc:DOCUMENTATION Fin#: MRN:000001713452
--	---	------------------	-------------------------------------	--

DOE, BRAVO - Add Plan

 To order the plan Research - W160325006 - UAB15111 the patient must either be enrolled or be pending enrollment in the UAB15111 clinical trial/study. The patient does not meet these requirements. Would you like to continue ordering this plan?

[Contact Information](#)

***Override**

Comment:

Anticipated Enrollment
Imminent Enrollment
Protocol extended to nonenrolled patient
Enrollment not required

DOE, BRAVO - 000001713452

OK Cancel



A warning box will appear requiring and Override reason

Step 8: Sign the PowerPlan on the Documentation Encounter!!

HSISTEST, ATT Age:65 years Research:On Study Gender:F Loc:DOCUMENTATION Att: Documentation [<No - Admit date> <No - Discharge date>]
Isolation: Portal:Active Account DOB:11/10/1952 Fin#: Resus Status:Full Resuscitation
Allergies: Latex, Paper, Sulfamag Blood Type:O POS Weight:74 kg MRN:000001710929

Orders

PowerOrders

Reconciliation Status: Meds History, Admission, Outpatient

Orders Medication List

View

- Orders for Signature
- Plans
 - Oncology
 - NEURO ONC Bevacizumab every 14 days - Cy
 - NEURO ONC Bevacizumab every 21 days (2 d
 - Medical
 - Research - W160325006 - UAB15111
 - Screening (Planned Pending)
 - Cycle 1 Day 1 (Planned Pending)
 - Cycle 1 Day 12 (Planned Pending)
 - Cycle 2 Day 1 (Planned Pending)
 - Cycle 2 Day 12 (Planned Pending)
 - Cycle 2 Day 21 (Planned Pending)
 - Cycle 3 Day 1 (Planned Pending)
 - Cycle 4 Day 1 (Planned Pending)
 - Cycle 4 Day 21 (Planned Pending)
 - Cycle 5 Day 1 (Planned Pending)
 - Cycle 6 Day 1 (Planned Pending)
 - Cycle 6 Day 21 (Planned Pending)
 - Cycle 7 Day 1 (Planned Pending)
 - Cycle 8 Day 1 (Planned Pending)
 - Cycle 8 Day 21 (Planned Pending)
 - Cycle 9 Day 1 (Planned Pending)
 - Cycle 10 Day 1 (Planned Pending)
 - Cycle 11 Day 1 (Planned Pending)
 - Cycle 11 Day 21 (Planned Pending)
 - Cycle 12 Day 1 (Planned Pending)
 - Cycle 13 Day 1 (Planned Pending)
 - Cycle 14 Day 1 (Planned Pending)
 - Cycle 14 Day 21 (Planned Pending)
 - Cycle 15 Day 1 (Planned Pending)

\$	Component	Status	Dose ...	Details
	Research - W160325006 - UAB15111, Screening (Planned Pending)			
	Diagnoses: Breast cancer			
	Laboratory			
<input type="checkbox"/>	CBC WITH DIFF			Routine collect, Blood, Q1
<input type="checkbox"/>	Prothrombin Time (PT)			Routine collect, Blood, W160325006; W160325006/652920069317/3161216
<input type="checkbox"/>	PTT			Routine collect, Blood, W160325006; W160325006/652920069317/3161216
<input type="checkbox"/>	Uric Acid Serum (Uric Acid)			Routine collect, Blood, W160325006; W160325006/652920069317/3161216
<input type="checkbox"/>	Lactate Dehydrogenase (LDH)			Routine collect, Blood, W160325006; W160325006/652920069317/3161216
<input type="checkbox"/>	Phosphorus Serum			Routine collect, Blood, W160325006; W160325006/652920069317/3161216
<input type="checkbox"/>	Magnesium Serum			Routine collect, Blood, W160325006; W160325006/652920069317/3161216
<input type="checkbox"/>	Comprehensive Metabolic Panel 2 (CMP)			Routine collect, Blood, Q1
<input type="checkbox"/>	Urinalysis			Routine collect, W160325006; W160325006/652920069317/3161216
<input type="checkbox"/>	Hepatitis B Surface Antigen			Routine collect, Blood, W160325006; W160325006/652920069317/3161216
<input type="checkbox"/>	HBc Total Ab (Hepatitis B Core Total Antibody)			Routine collect, Blood, W160325006; W160325006/652920069317/3161216
<input type="checkbox"/>	Hepatitis C Antibody			Routine collect, Blood, W160325006; W160325006/652920069317/3161216
<input type="checkbox"/>	HCG Quant (HCG Pregnancy Serum)			Routine collect, Blood, W160325006; W160325006/652920069317/3161216
<input type="checkbox"/>	Draw and Hold Research 10mL Tube			Routine collect
	Radiology			
<input type="checkbox"/>	MR Rsh Stringer Head wow W160325006 METR			W160325006; W160325006/652920069317/3161216
<input type="checkbox"/>	CT Rsh Stringer Bdy wow W160325006 METRC			W160325006; W160325006/652920069317/3161216
<input type="checkbox"/>	CT Rsh Stringer Chst wow W160325006 METR			W160325006; W160325006/652920069317/3161216
<input type="checkbox"/>	NM Bone Screening Routine Whole Body			W160325006; W160325006/652920069317/3161216

Diagnoses & Problems

Related Results

Formulary Details

Dx Table Orders For Nurse Review Sign

Step 9: When a patient is scheduled for a visit

- Select upcoming encounter

PTTESTING, J
Age: 37 years
Gender: F
DOB: 4/16/1980
MRN: 000060852537
Phone: (205) 996-8763
Portal: Never Invited
Research:
Fin#: BMI:
Loc: DOCUMENTATION
Weight:
Resus Status: Full Resus...
Advanced Directives:
Fall Risk:
Documentation [<No - Admit date> <No - Discharge date>]
Att:
Allergies: Allergies Not Recorded

Orders

PowerOrders

Custom Information: PTTESTING, J

Visit Type	Location	Est Arrive Date	Admit Date	Discharge Date	FIN	Service	Visit Reason
1 Time OP	W2E	2/1/2018 06:00:00			680604308030	IM-5	ALICIA POWER PLAN TESTING
Documentation	DOCUMENTATION						
1 Time OP	OPD	11/21/2017 08:00:00			680604307324	IM-5	SICK

GENERAL INFORMATION

Full Name: PTTESTING, J
Reg Date/Time:
D.O.S.:
Nurse Unit: DOCUMENTATION
Room:
EMC:
EMC Phone:
Fin Number:

OK Cancel

Reconciliation Status
Meds History Admission Outpatient

Diagnoses & Problems
Related Results
Formulary Details

Dx Table Orders For Nurse Review

Show More Orders...
Orders For Signature

ABUILD ABM RTIN January 31, 2018 8:12

Step 10: Select Screening or Cycle in PowerPlan(1). Click box beside each order to be performed (2). Click 'Initiate' (3).

1

2

3

PowerOrders

+ Add | Reconciliation | External Rx History | No Check

View

Orders for Signature

Plans

Medical

Research - W160325006 - UAB15111

Screening (Planned Pending)

Cycle 1 Day 1 (Planned Pending)

Cycle 1 Day 12 (Planned Pending)

Cycle 2 Day 1 (Planned Pending)

Cycle 2 Day 12 (Planned Pending)

Cycle 2 Day 21 (Planned Pending)

Cycle 3 Day 1 (Planned Pending)

Cycle 4 Day 1 (Planned Pending)

Cycle 4 Day 21 (Planned Pending)

Cycle 5 Day 1 (Planned Pending)

Cycle 6 Day 1 (Planned Pending)

Cycle 6 Day 21 (Planned Pending)

Cycle 7 Day 1 (Planned Pending)

Cycle 8 Day 1 (Planned Pending)

Cycle 8 Day 21 (Planned Pending)

Cycle 9 Day 1 (Planned Pending)

Cycle 10 Day 1 (Planned Pending)

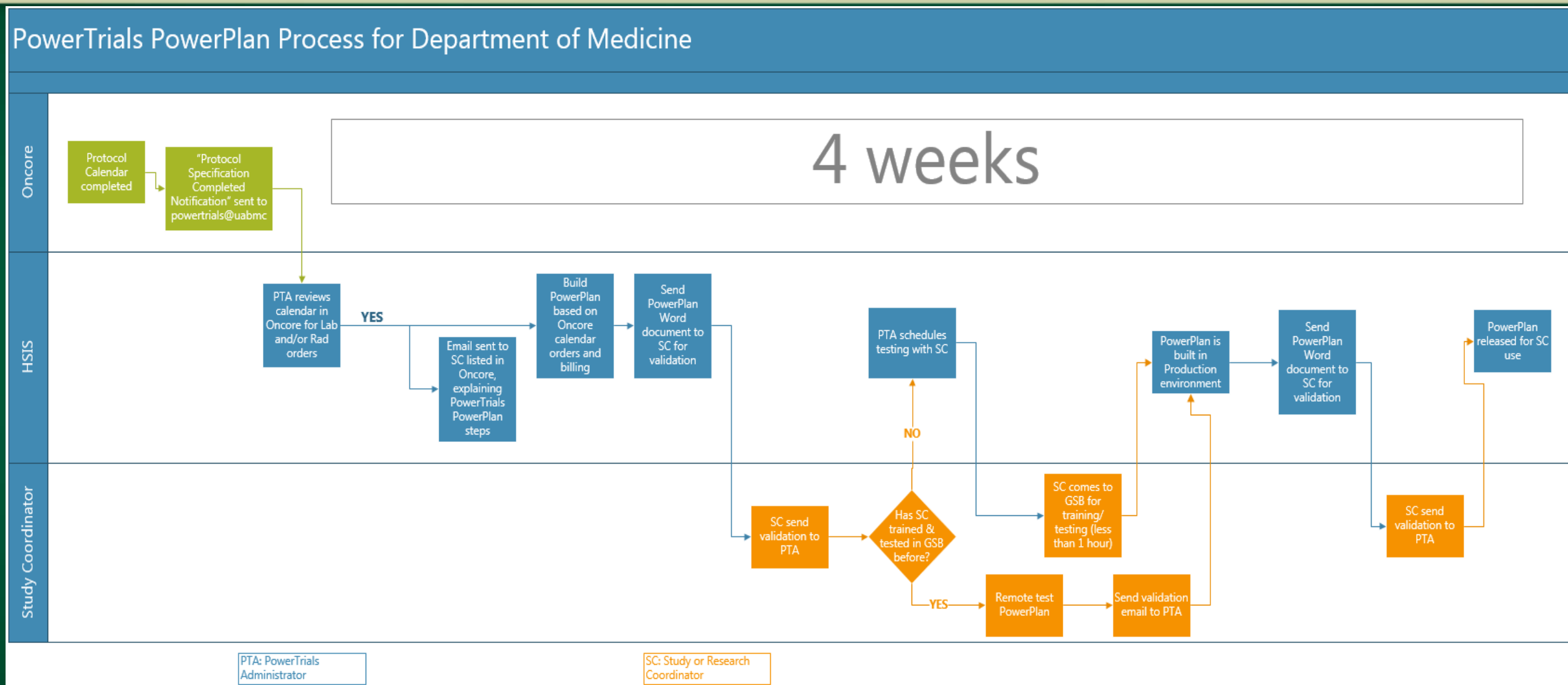
Initiate | Diagnoses | Add to Phase | Start: Now | Duration: None

\$	Component	Status	Dose ...	Details
	Research - W160325006 - UAB15111, Screening (Planned Pending)			
	Laboratory			
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> CBC WITH DIFF			Routine collect, Blood, Q1
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Prothrombin Time (PT)			Routine collect, Blood, W160325006; W160.
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> PTT			Routine collect, Blood, W160325006; W160.
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Uric Acid Serum (Uric Acid)			Routine collect, Blood, W160325006; W160.
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Lactate Dehydrogenase (LDH)			Routine collect, Blood, W160325006; W160.
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Phosphorus Serum			Routine collect, Blood, W160325006; W160.
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Magnesium Serum			Routine collect, Blood, W160325006; W160.
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Comprehensive Metabolic Panel 2 (CMP)			Routine collect, Blood, Q1
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Urinalysis			Routine collect, W160325006; W160325006,
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Hepatitis B Surface Antigen			Routine collect, Blood, W160325006; W160.
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> HBc Total Ab (Hepatitis B Core Total Antibody)			Routine collect, Blood, W160325006; W160.
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Hepatitis C Antibody			Routine collect, Blood, W160325006; W160.
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> HCG Quantitative (HCG Pregnancy Serum)			Routine collect, Blood, W160325006; W160.
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Draw and Hold Research 10mL Tube			Routine collect
	Radiology			
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> MR Rsh Stringer Head wow W160325006 METR			W160325006; W160325006/652920069317/3
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> CT Rsh Stringer Bdy wow W160325006 METRC			W160325006; W160325006/652920069317/3
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> CT Rsh Stringer Chst wow W160325006 METR			W160325006; W160325006/652920069317/3
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> NM Bone Screening Routine Whole Body			W160325006; W160325006/652920069317/3

Successful Testing

- The testing event for the SC is considered completed after SC orders the PowerPlan on the test patient in the testing domain and initiates a pre-selected Cycle or Visit set for each Arm and tests a null patient (not On Study).
- After successful testing validation, the PowerTrials Specialist will build the PowerPlan in the Production environment. (*Production is the current Impact environment being used by SCs daily.*) **Needs to be validated as well.**

PowerTrials Flowchart for the Department of Medicine



In the event of Downtime:

- An email has been sent to policies@uabmc.edu with PowerPlan in the Word document format, used for validation.
- And has been uploaded to OnCore:

Protocol No.: UAB1748
Protocol Target Accrual: 0
RC Total Accrual Goal (Upper)

Select Protocol
Type here to search

- Main »
- Correlates & Companions »
- Treatment »
- Institution
- Accrual
- Status »
- Documents/Info »**

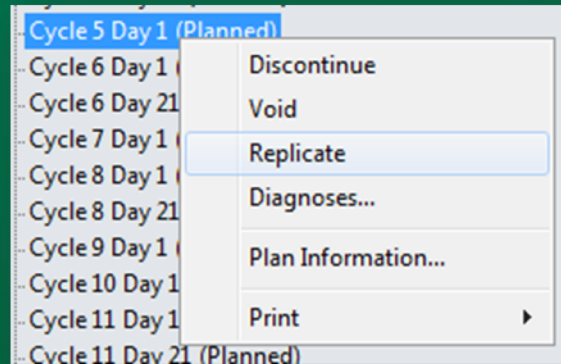
Other Type Document	UAB1748 - I300000197 - Cerner Impact PowerPlan.rtf	UAB1748 Cerner Impact PowerPlan for Downtime	11/16/2017	12/06/2017	ABMARTIN
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Amendment

- If there is an amendment to the study that affects the orderables in the PowerPlan, the OnCore calendar builders will email the PowerTrials team at powertrials@uabmc.edu
- The PowerTrials specialist will build a new PowerPlan, reflecting the changes and send to the SC for validation.
- Once validated, the PowerPlan will be released for SC use.
- The SC should then discontinue the first version of the PowerPlan on the patients and order the new version, starting with the next appropriate phase.

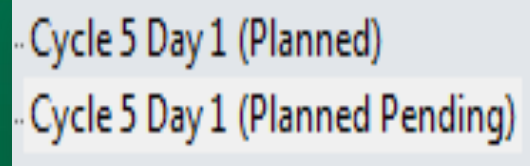
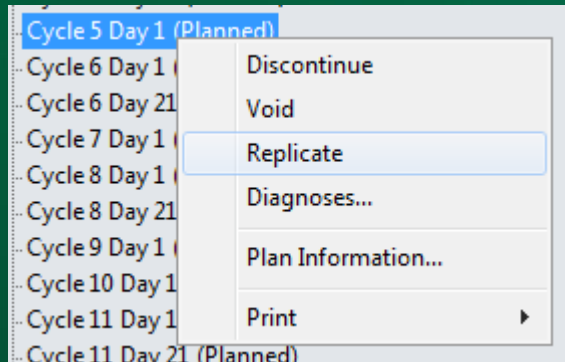
Discontinuing the PowerPlan

- **To discontinue the remainder of the phased research PowerPlan (or the entire plan) so that no other orders can be initiated on any visits:**
 - ◆ Right-click on the main plan name
 - ◆ Select **Discontinue**
 - ◆ Click **Sign**
 - ◆ Click the **Refresh** button



What if my patient has to leave and I need to redo the visit? Replicate!

- Right-click on the phase in the left pane
- Select **Replicate**
- Select only the orders that need to be done.



\$	▼	Component
Research - W160325006 - UAB15111, Cycle 5 Day 1 (Planned)		
Laboratory		
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	CBC WITH DIFF
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Uric Acid Serum (Uric Acid)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Lactate Dehydrogenase (LDH)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Phosphorus Serum
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Magnesium Serum

What if my patient has an AE and needs more Lab or Rad orders?

- Follow your current process, outside of the PowerPlan (green sheets for Lab, orders in Impact for Rad, etc.)

PowerTrials Updates

- New PowerTrials website!

- Updates!

- Resources!

- ✓ IMPACT Research Coordinator Resource Manual: Research PowerPlan Ordering

- ✓ PowerTrials PowerPlan Presentation

- ✓ PowerTrials Quick Tips and Tricks

- ✓ PowerTrials Process

- FAQs!

- <http://www.uab.edu/medicine/ctao/investigators/powertrials>

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- Policies/Procedures
- PowerTrials**
- Updates
- Resources
- FAQs

PowerTrials

PowerTrials is a module of Cerner Millennium (IMPACT at UAB), that provides dual functionality for individuals involved with the research process: indication of patient's participation in a research study in the banner bar (that is connected to a research summary) and a research specific PowerPlan, that contains study-required Lab and Radiology procedures, with automated billing (to either the patient's insurance or the study). The banner bar will provide an extra level of patient safety at the point of care to indicate to health care professionals campus-wide that the patient is enrolled in a clinical trial. Research specific PowerPlans will cut out the step of having to enter each individual order, for each protocol required visit, and will automate billing, streamlining the process for the Research Nurse Coordinator.

Things to Remember

- Until 100% implementation is completed, some orders will continue to go through the original process (green sheet, order through Impact, etc.)
- Your licensure will determine whether or not you have the privileges to place orders and/or PowerTrials PowerPlans.

Questions

- Questions?
- For further questions or concerns:

Alicia Gunter

PowerTrials Administrator (HSIS)

(205) 996 - 8763 office

abmartin@uabmc.edu