

CST Bulletin – September, 2021

BC Cancer Systemic Therapy (ST) Program: Updates for September, 2021

AFFECTED APPLICATION(S)	PowerChart: Oncology/Hematology Regimens and PowerPlans
AFFECTED AREA(S)	BC Cancer VC and SPH (Oncologists, Oncology Pharmacy and Oncology Nursing staff)
NET NEW, OR UPDATE TO EXISTING BUILD	Update to Existing Build

What has Changed?

Any changes released that affect Oncology Regimens and PowerPlans/Cycles for the BC Cancer Systemic Therapy Program will be communicated monthly via Special Bulletin.

These notification changes are important for Nursing staff, Pharmacy and Providers to be aware of for their patients care.

For Providers:

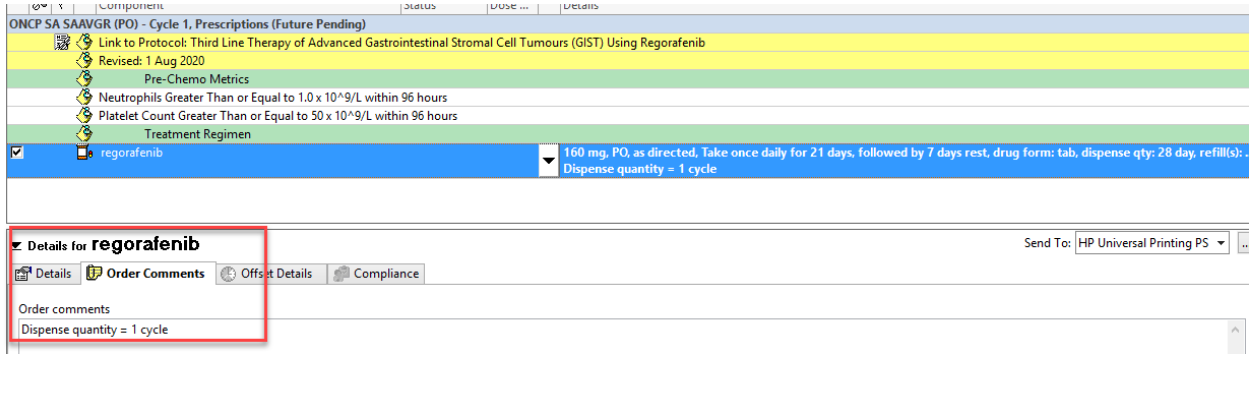
- For PowerPlans that are versioned: If your patient has already started on a Regimen, when you order the next cycle PowerPlan, a **pop up window** will appear to indicate a **new version** is required.
 - Click **yes** to accept the new version
 - **Do not** use the Copy Forward functionality to ensure that the updates apply
- **IMPORTANT**: Any change from the standard treatment regimen (dose modification, addition of pre-med, etc) in the previous cycle will need to be manually added to the cycle that is being ordered with the new version (see additional documentation regarding versioning)

Please see this month's changes below.

Powerplan: SAAVGR

Cycles/PowerPlans: All Associated Treatment PowerPlans

Changes:
 In the prescription phase for regorafenib, removed “Dispense in original container” from order comments for all order sentences.



Versioning: Yes

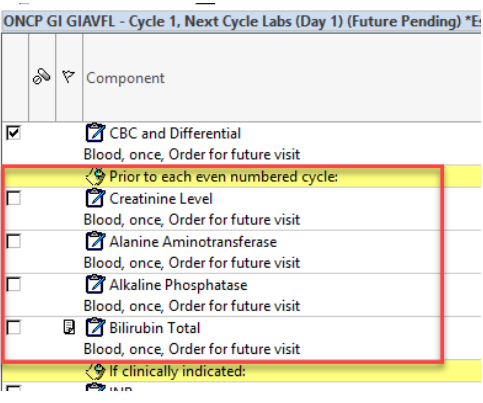
Jira: CST-133392

PowerPlan: GIAVFL

Cycles/PowerPlans: All Associated Treatment PowerPlans

Changes:
 In the Labs phase, a yellow note was added under the CBC and Differential stating “Prior to each even numbered cycle:”.

Creatinine Level, Alanine Aminotransferase, Alkaline Phosphatase, Bilirubin Total were all unchecked.



Versioning: Yes

Jira: CST-133406

PowerPlan/Regimen: GIFFIRB																																																					
Cycles/PowerPlans: All Associated Treatment Regimens and PowerPlans																																																					
<p>Changes:</p> <p>In the Next Cycle Labs phase, changed the note “Prior to each doctor's visit:” to “Prior to each even numbered cycle:” and removed the note “For each even numbered cycle:” from above Urinalysis Macroscopic (dipstick).</p>																																																					
<p>ONCP GI GIFFIRB - Cycle 1, Next Cycle Labs (Day 1) (Future Pending) *Est</p> <table border="1"> <thead> <tr> <th style="width: 30px;"></th> <th style="width: 30px;"></th> <th style="width: 30px;"></th> <th>Component</th> </tr> </thead> <tbody> <tr> <td></td> <td><input checked="" type="checkbox"/></td> <td></td> <td>Prior to each cycle</td> </tr> <tr> <td></td> <td><input checked="" type="checkbox"/></td> <td></td> <td>CBC and Differential Blood, once, Order for future visit</td> </tr> <tr> <td></td> <td></td> <td></td> <td>Prior to each even numbered cycle:</td> </tr> <tr> <td></td> <td><input type="checkbox"/></td> <td></td> <td>Sodium and Potassium Panel (Electrolytes Panel Outpat... Blood, once, Order for future visit</td> </tr> <tr> <td></td> <td><input type="checkbox"/></td> <td></td> <td>Bilirubin Total Blood, once, Order for future visit</td> </tr> <tr> <td></td> <td><input type="checkbox"/></td> <td></td> <td>Creatinine Level Blood, once, Order for future visit</td> </tr> <tr> <td></td> <td><input type="checkbox"/></td> <td></td> <td>Alkaline Phosphatase Blood, once, Order for future visit</td> </tr> <tr> <td></td> <td><input type="checkbox"/></td> <td></td> <td>Alanine Aminotransferase Blood, once, Order for future visit</td> </tr> <tr> <td></td> <td><input type="checkbox"/></td> <td></td> <td>Albumin Level Blood, once, Order for future visit</td> </tr> <tr> <td></td> <td><input type="checkbox"/></td> <td></td> <td>Urinalysis Macroscopic (dipstick) Urine, once, Order for future visit</td> </tr> <tr> <td></td> <td></td> <td></td> <td>If clinically indicated:</td> </tr> <tr> <td></td> <td><input type="checkbox"/></td> <td></td> <td>INR</td> </tr> </tbody> </table>					Component		<input checked="" type="checkbox"/>		Prior to each cycle		<input checked="" type="checkbox"/>		CBC and Differential Blood, once, Order for future visit				Prior to each even numbered cycle:		<input type="checkbox"/>		Sodium and Potassium Panel (Electrolytes Panel Outpat... Blood, once, Order for future visit		<input type="checkbox"/>		Bilirubin Total Blood, once, Order for future visit		<input type="checkbox"/>		Creatinine Level Blood, once, Order for future visit		<input type="checkbox"/>		Alkaline Phosphatase Blood, once, Order for future visit		<input type="checkbox"/>		Alanine Aminotransferase Blood, once, Order for future visit		<input type="checkbox"/>		Albumin Level Blood, once, Order for future visit		<input type="checkbox"/>		Urinalysis Macroscopic (dipstick) Urine, once, Order for future visit				If clinically indicated:		<input type="checkbox"/>		INR
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Jira: CST-133407																																																					

PowerPlan/Regimen: GIFOLFIRI																																								
Cycles/PowerPlans: All Associated Treatment Regimens and PowerPlans																																								
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Versioning: Yes																																								
Jira: CST-133439																																								

PowerPlan/Regimen: GIRAJCOX

Cycles/PowerPlans: All Associated Treatment Regimens and PowerPlans

Changes:

In the Chemotherapy phase, removed the note “Give 6 cycles to patients with prior or planned pelvic radiotherapy WITH concomitant chemotherapy. Give 8 cycles to patients with prior pelvic radiotherapy WITHOUT concomitant chemotherapy”.

ONCP GI GIRAJCOX - Cycle 1, Chemotherapy (Day 1) (Future Pending) *Est.

	Component
	Link to Protocol: Adjuvant or Neoadjuvant Combination Chemotherapy for Stage III Rectal Cancer using Oxaliplatin and Capecitabine
	Revised: 1 Jul 2021
	Pre-Chemo Metrics
	Neutrophils Greater Than or Equal to $1.2 \times 10^9/L$ within 96 hours
	Platelet Count Greater Than or Equal to $75 \times 10^9/L$ within 96 hours
	Creatinine Clearance Greater Than 50 ml /min within 96 hours

Versioning: Yes

Jira: CST-133455

PowerPlan/Regimen: GIPAVFFIRI

Cycles/PowerPlans: All Associated Treatment Regimens and PowerPlans

Changes:

In the Next Cycle Labs phase, changed the note “Prior to each doctor's visit:” to “Prior to each even numbered cycle:”.

ONCP GI GIPAVFFIRI - Cycle 1, Next Cycle Labs (Day 1) (Future Pending) *Est.

	Component
	Prior to each cycle:
<input checked="" type="checkbox"/>	CBC and Differential Blood, once, Order for future visit
	Prior to each even numbered cycle:
<input type="checkbox"/>	Bilirubin Total Blood, once, Order for future visit
<input type="checkbox"/>	Alanine Aminotransferase Blood, once, Order for future visit
<input type="checkbox"/>	Alkaline Phosphatase Blood, once, Order for future visit

Versioning: Yes

Jira: CST-133442

PowerPlan/Regimen: GIRAJFFOX

Cycles/PowerPlans: All Associated Treatment Regimens and PowerPlans

Changes:

In the Chemotherapy phase, removed the note “Give 8 cycles to patients with prior or planned pelvic radiotherapy WITH concomitant chemotherapy. Give 12 cycles to patients with prior pelvic radiotherapy WITHOUT concomitant chemotherapy”.

ONCP GI GIRAJFFOX - Cycle 1, Chemotherapy (Day 1) (Future Pending) *E

Component
Link to Protocol: Adjuvant or Neoadjuvant Combination Chemotherapy for Stage III Rectal Cancer Using Oxaliplatin, Fluorouracil, and Leucovorin
Revised: 1 Jul 2021
Pre-Chemo Metrics
Neutrophils Greater Than or Equal to $1.2 \times 10^9/L$ within 72 hours
Platelet Count Greater Than or Equal to $75 \times 10^9/L$ within 72 hours
Pre-Medications

Versioning: Yes

Jira: CST-133461

PowerPlan/Regimen: UGIPRRT

Cycles/PowerPlans: All Associated Treatment Regimens and PowerPlans

Changes:

In the Nuclear Medicine phase, updated all pre chemo metrics to be **within 14 days**

ONCP GI UGIPRRT - Cycle 1, Nuclear Medicine (Day 1) (Future Pending) *Est. 18-Aug-2021 08:00

Component
Link to Protocol: Peptide Receptor Radionuclide Therapy (PRRT) using 177Lu-Dotatate (LUTATHERA) for Treatment in Patients with Somatostatin Receptor Positive Midgut Neuroendocrine Tumours
Pre-Chemo Metrics
Neutrophils Greater Than or Equal to $1.0 \times 10^9/L$ within 14 days
Platelet Count Greater Than or Equal to $75 \times 10^9/L$ within 14 days
Creatinine Clearance Greater Than or Equal to 50 mL/min within 14 days
Pre-Medications

In the Next Cycle Labs phase, updated offset to be 2 weeks prior to next cycle (42 days), updated treatment duration length to be 56 days, and added a lab requisition note for all labs “2 weeks before next cycle, prior to doctor's appointment”

ONCP GI UGIPRRT - Cycle 1, Next Cycle Labs (Day 1) (Future Pending) *Est. 29-Sep-2021 08:00 PDT - 56 Days

Component	Day 1
<input checked="" type="checkbox"/> CBC and Differential Blood, Routine, once, Order for future visit	Planned
<input checked="" type="checkbox"/> Creatinine Level Blood, once, Order for future visit	Planned
<input checked="" type="checkbox"/> Sodium and Potassium Panel (Electrolytes Panel Outpatient (Na, K)) Blood, once, Order for future visit	Planned
<input checked="" type="checkbox"/> Calcium Level Blood, once, Order for future visit	Planned
<input checked="" type="checkbox"/> Magnesium Level Blood, once, Order for future visit	Planned

Details for CBC and Differential

Order for future visit: Yes No

Lab Requisition Note (No Lab Orders): 2 weeks before next cycle, prior to doctor's appointment

In the Scheduling phase, changed the Follow Up - Clinic - Oncology On Treatment 8 week option to 6 weeks and made it the default option.

Component	Follow Up
<input checked="" type="checkbox"/> Follow Up - Clinic - Oncology On Treatment	Follow Up: 6 weeks, Physician Specialty: Medical Oncology, Tumor Group: Gastrointestinal
<input type="checkbox"/> Follow Up - Clinic - Nurse Telephone Line Care	Follow Up: 4 months, Physician Specialty: Medical Oncology, Tumor Group: Gastrointestinal

Versioning: Yes

Jira: CST-133786

PowerPlan/Regimen: LYHDMRTEM (previously LYHDMRP)

Cycles/PowerPlans: All Associated Treatment Regimens and PowerPlans

Changes:

Added Prescription phase and Prescriptions (Inpatient Use Only) phase

- ONCP LY LYHDMRTEM (Inpatient) Cycles 1 to 4 - Cycle 1
- 📌 Diagnostics (Future Pending)
- 📌 Pretreatment Labs (Day 1) (Future Pending)
- 📌 Chemotherapy Related Labs (Planned Pending)
- 📌 Alkalinizing Regimen (Future Pending)
- 📌 Chemotherapy (Day 1 to 2) (Future Pending)
- 📌 Chemotherapy Related Orders (Future Pending)
- 📌 ritUXimab (Day 2) (Future Pending)
- 📌 Prescriptions (Future Pending)
- 📌 Prescriptions (Inpatient Use Only) (Future Pending)

Within the Prescription phase, a temozolomide prescription order was added

Component	Status	Phase	Order
ONCP LY LYHDMRTEM (Inpatient) Cycles 1 to 4 - Cycle 1, Prescriptions (Future Pending)			
Pre-Chemo Metrics			
📌 Neutrophils Greater Than or Equal to $1.0 \times 10^9/L$ within 72 hours			
📌 Platelet Count Greater Than or Equal to $50 \times 10^9/L$ within 72 hours			
Treatment Regimen			
For alternate cycles only:			
<input type="checkbox"/> temozolomide (temozolomide - oncology)			150 mg/m ² , PO, as directed, Take at bedtime on Days 7 to 11, drug form: cap, dispense qty: 14 day Apply standard dose. Dispense quantity = 1 cycle. Prescription is part of a combined IV/PO protocol

Within the Prescriptions (Inpatient Use Only) and an ondansetron order was added prior to temozolomide.

Component	Status	Phase	Order
ONCP LY LYHDMRTEM (Inpatient) Cycles 1 to 4 - Cycle 1, Prescriptions (Inpatient Use Only) (Future Pending)			
Pre-Chemo Metrics			
📌 Neutrophils Greater Than or Equal to $1.0 \times 10^9/L$ within 72 hours			
📌 Platelet Count Greater Than or Equal to $50 \times 10^9/L$ within 72 hours			
For alternate cycles only:			
<input type="checkbox"/> ondansetron			8 mg, PO, q24h, order duration: 5 doses or times, drug form: tab, start: T;2030 Give 30 to 60 minutes prior to temozolomide. Days 7 to 11
<input type="checkbox"/> temozolomide (temozolomide - oncology)			150 mg/m ² , PO, qHS, order duration: 5 doses or times, drug form: cap, start: T;2100, Use Patient Supply Apply standard dose. Medication is part of a combined IV/PO protocol. Days 7 to 11

For "Prescriptions (Inpatient Use Only)" phase, the offset is set to be 6 days after the Chemotherapy phase. This will establish the inpatient medications to start on Day 7 regardless of which day it is ordered

ONCP LY LYHDMRTEM (Inpatient) Cycles 1 to 4 - Cycle 1, Chemotherapy (Day 1 to 2) (Future Pending) *Est. 25-Aug-2021 09:21 PDT - 14 Days

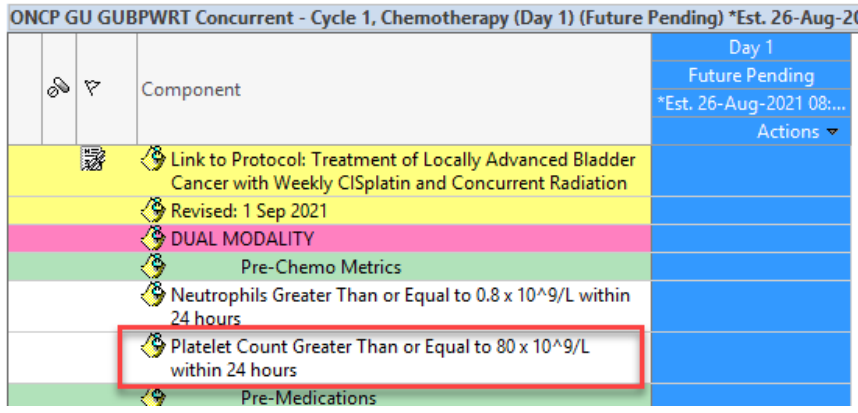
ONCP LY LYHDMRTEM (Inpatient) Cycles 1 to 4 - Cycle 1, Prescriptions (Inpatient Use Only) (Future Pending) *Est. 31-Aug-2021 09:21 PDT

In the Chemotherapy Related Labs phase, a CBC and Differential was added on Day 4

Component	Status	Order
ONCP LY LYHDMRTEM (Inpatient) Cycles 1 to 4 - Cycle 1, Chemotherapy Related Labs (Planned Pending)		
<input checked="" type="checkbox"/> methotrexate Level Draw Instructions		Chemo RN to order daily methotrexate level at hour 48 (from st Order name: Methotrexate Level Collection Priority: AM Draw
<input checked="" type="checkbox"/> POC Urinalysis Dipstick		q1h PRN, Check urine pH immediately prior to starting methot
<input checked="" type="checkbox"/> Creatinine Level		Blood, AM Draw, Collection: T+1;0330, qdaily for 6 day
<input checked="" type="checkbox"/> Electrolytes Panel (Na, K, Cl, CO2, Anion Gap)		Blood, AM Draw, Collection: T+1;0330, qdaily for 6 day
<input checked="" type="checkbox"/> CBC and Differential		Blood, AM Draw, Collection: T+3;0330, once

Versioning: Yes

Jira: CST-133885

PowerPlan/Regimen: GUBPWRT
Cycles/PowerPlans: All Associated Treatment Regimens and PowerPlans
<p>Changes:</p> <p>In the pre-chemo metrics section of the Chemotherapy phase, a new metric was added for platelet count:</p> <ul style="list-style-type: none"> “Platelet count greater than or equal to $80 \times 10^9/L$ within 24 hours” 
Versioning: Yes
Jira: CST-136497

PowerPlan/Regimen: LYHDMTXP and LYHDMTXR
Cycles/PowerPlans: All Associated Treatment Regimens and PowerPlans
<p>Changes:</p> <p>LYHDMTXP and LYHDMTXR are inactivated and replaced with LYHDMRTEM</p>
Versioning: No
Jira: CST-136666

Powerplan/Regimen: BRAJACTT, BRAJACTTG, BRAJDCARBT, BRAJFECDT, BRAJTDC, BRAJTR, BRLAACDDT

Cycles/PowerPlans: All Associated Treatment Regimens and powerplans

Changes:

For plans that have MUGA and Echo every 3 or 4 months:

- Every 3 and 4 month ordering options are now available

	Component	Status	Dose ...	Details
ONCP BR BRAJDCARBT Cycle 1 - Cycle 1, Diagnostics (Future Pending)				
Every 3 months:				
<input type="checkbox"/>	NM MUGA			Special Instructions: 3 months before MUGA
<input type="checkbox"/>	CARD Echo			Special Instructions: 3 months from previous Echocardiogram
Every 4 months:				
<input type="checkbox"/>	NM MUGA			Special Instructions: 4 months before MUGA
<input type="checkbox"/>	CARD Echo			Special Instructions: 4 months from previous Echocardiogram

Versioning: Yes

Jira: CST-121751

Powerplan/Regimen: BRAVPAM, BRAJZOL2, BRAVZOL, MYPAM, MYZOL, BRAJPAM, BRAJZOL5

Cycles/PowerPlans: All Associated Treatment Regimens and PowerPlans

Changes:

For plans that contain Pamidronate or Zoledronic Acid:

- Treatment Schedules have been changed from Month intervals to Weeks to support scheduling:

ONCP BR BRAJZOL2, Chemotherapy (Week 1, 13, 25, 37) (Future Pending) *Est. 31-Aug-2021 08:00 PDT - 52 Weeks					
	Component	Week 1	Week 13	Week 25	Week 37
	Future Pending	Future Pending	Future Pending	Future Pending	Future Pending
	*Est. 31-Aug-2021 08:...	*Est. 23-Nov-2021 08:...	*Est. 15-Feb-2022 08:...	*Est. 10-May-2022 08:...	
	Actions	Actions	Actions	Actions	Actions
	Link to Protocol: Adjuvant Therapy for Breast Cancer in Post-Menopausal Women Using 3-Monthly Zoledronic Acid				
	Revised: 1 Sep 2021				
	Pre-Chemo Metrics				
	Creatinine Clearance Greater Than or Equal to 60 mL/min within 28 days				
	Treatment Regimen				
<input checked="" type="checkbox"/>	Zero Time	0 hr	0 hr	0 hr	0 hr
		Planned	Planned	Planned	Planned
<input checked="" type="checkbox"/>	zoledronic acid (zoledronic acid - oncology)	0 min	0 min	0 min	0 min
	4 mg, IV, once oncology, administer over: 15 minute	Planned	Planned	Planned	Planned
	Additional Orders				

Versioning: Yes

Jira: CST-132968

Jira Ticket #	CST-136666, CST-136497, CST-133885, CST-133786, CST-133461, CST-133455, CST-133442, CST-133439, CST-133407, CST-133406, CST-133392, CST-132968, CST-121751
How-to questions?	http://cstcernerhelp.healthcarebc.ca
Need further support?	CST Phone Support: 1-844-214-7444

