

## Update - BC Cancer Systemic Therapy Updates for January 2025

<b>AFFECTED APPLICATION(S)</b>	PowerChart
<b>AFFECTED AREA(S)</b>	BC Cancer Sites/ VCH Oncology Sites (Oncologists, Oncology Pharmacy, and Oncology Nursing Staff)
<b>NET NEW, OR UPDATE TO EXISTING BUILD</b>	Update to Existing Build

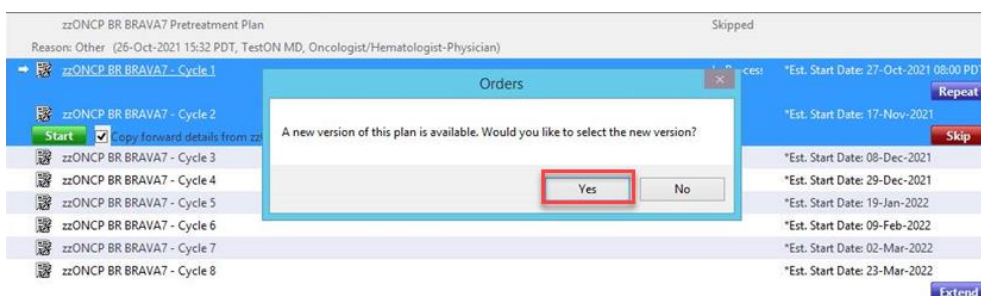
### What has Changed?

Any changes released that affect Oncology Regimens and PowerPlans/Cycles for the **BC Cancer Systemic Therapy (ST) 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 patient's 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.

**Protocol: SMMCCPE**

**Cycles/PowerPlans:** All associated treatment powerplans

**Changes:**

In the Pre-Medications section:

- Added optional aprepitant order for Day 1
- Added blue note under aprepitant “If aprepitant ordered, ensure patient takes aprepitant 80mg PO daily for Days 2 and 3”
- Added optional Olanzapine order for Days 1, 2, 3

DNCP SM SMMCCPE CARBOplatin Option - Cycle 1, Chemotherapy (Day 1 to 3) (Future Pending) *Est. 19-Dec-2024 08:00 PST - 21 Days				
Component	Day 1	Day 2	Day 3	
	Future Pending *Est. 19-Dec-2024 08:00 PST	Future Pending *Est. 20-Dec-2024 08:00 PST	Future Pending *Est. 21-Dec-2024 08:00 PST	
	Actions ▾	Actions ▾	Actions ▾	
⚠ Platelet Count Greater Than or Equal to $100 \times 10^9/L$ within 96 hours				
Pre-Medications				
⚠ Patient to take own supply of pre-medications. RN/Pharmacist to confirm				
<input checked="" type="checkbox"/> Ondansetron 8 mg, PO, once oncology, drug form: tab, Use Patient Supply Between 30 and 60 minutes prior to treatment. Days 1, 2, 3	Planned -30 min	Planned -30 min	Planned -30 min	
<input checked="" type="checkbox"/> dexamethasone 8 mg, PO, once oncology, drug form: tab, Use Patient Supply Between 30 and 60 minutes prior to treatment. Days 1, 2, 3	Planned -30 min	Planned -30 min	Planned -30 min	
<input type="checkbox"/> aprepitant 125 mg, PO, once oncology, drug form: cap, Use Patient Supply Between 30 and 60 minutes prior to treatment. Day 1 <b>If aprepitant ordered, ensure patient takes aprepitant 80 mg PO daily for Days 2 and 3</b>	Planned -30 min			
<input type="checkbox"/> OLANzapine Select an order sentence	Planned -30 min	Planned -30 min	Planned -30 min	
<input type="checkbox"/> 2.5 mg, PO, once oncology, drug form: tab, Use Patient Supply	Planned +30 min	Planned -45 min	Planned -45 min	
<input type="checkbox"/> 5 mg, PO, once oncology, drug form: tab, Use Patient Supply				
<input type="checkbox"/> 10 mg, PO, once oncology, drug form: tab, Use Patient Supply	Planned +30 min	Planned -30 min	Planned -30 min	

**Versioning:** Yes

**Jira:** CST-297353

**Protocol: LUAVPG, LUMMPG, LUAVPGPMB**

**Cycles/PowerPlans:** All associated treatment Powerplans

**Changes:**

For CISplatin and CARBOplatin containing Powerplans:

- Update all gemcitabine orders to contain only 1000 mg/m2 dose option

For CARBOplatin containing Powerplans:

- Remove AUC 6 dosing option from CARBOplatin orders

ONCP LU LUMMPG CARBOplatin Option - Cycle 1, Chemotherapy (Day 1, 8) (Future Pending) *Est. 19-Dec-2024 08:00 PST -			
	Component	Day 1 Future Pending *Est. 19-Dec-2024 08:...	Day 8 Future Pending *Est. 26-Dec-2024 08:...
<input checked="" type="checkbox"/>	hydrocortisone 100 mg, IV, once oncology, PRN other (see comment), drug ... For hypersensitivity reaction	Planned	
<input checked="" type="checkbox"/>	epinephrine (epinephrine 1 mg/mL inj) 0.5 mg, IM, q5min, PRN anaphylaxis, order duration: 3 doses...	Planned	
<input checked="" type="checkbox"/>	salbutamol 5 mg, nebulized, q20min, PRN shortness of breath or wheezi...	Planned	
Treatment Regimen			
<input checked="" type="checkbox"/>	Zero Time	0 hr Planned	0 hr Planned
<input checked="" type="checkbox"/>	gemcitabine (gemcitabine - oncology) 1,000 mg/m2, IV, once oncology, administer over: 30 minute... Days 1 and 8	0 min Planned	0 min Planned
<input checked="" type="checkbox"/>	CARBOplatin (CARBOplatin - oncology) 5 AUC (CARBOplatin), IV, once oncology, administer over: 3... Day 1	+ 30 min Planned	

**Versioning:** Yes

**Jira:** CST-297207

**Protocol: GOCABR and GOCXCAT**

**Cycles/PowerPlans:** All Associated Powerplans

**Changes:**

- Aligned all Pretreatment Plans to:
- Have optional Cancer Antigen 125, Cancer Antigen 15-3, Cancer Antigen 19-9, Carcinoembryonic Antigen, Squamous Cell Carcinoma Antigen in Baseline Labs Phase
  - Remove NM Renal Blood GFR from Diagnostics phase

ONCP GO GOCABR Pretreatment Plan, Baseline Labs (Day 1) (Future Pending) *Est. 19-Dec-2024 08:00 PST -			
	Component	Day 1 Future Pending *Est. 19-Dec-2024 08:...	Day 8 Future Pending *Est. 26-Dec-2024 08:...
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> CBC and Differential Blood, once, Order for future visit		
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Creatinine and Estimated GFR Blood, once, Order for future visit		
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Bilirubin Total Blood, once, Order for future visit		
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Alanine Aminotransferase Blood, once, Order for future visit		
<input type="checkbox"/>	<input checked="" type="checkbox"/> If clinically indicated:		
<input type="checkbox"/>	<input checked="" type="checkbox"/> Cancer Antigen 125 Blood, once, Order for future visit		
<input type="checkbox"/>	<input checked="" type="checkbox"/> Cancer Antigen 15-3 Blood, once, Order for future visit		
<input type="checkbox"/>	<input checked="" type="checkbox"/> Cancer Antigen 19-9 Blood, once, Order for future visit		
<input type="checkbox"/>	<input checked="" type="checkbox"/> Carcinoembryonic Antigen Blood, once, Order for future visit		
<input type="checkbox"/>	<input checked="" type="checkbox"/> Squamous Cell Carcinoma Antigen Blood, once, Order for future visit		

Aligned all Treatment Plans to:

- Have optional Cancer Antigen 125, Cancer Antigen 15-3, Cancer Antigen 19-9, Carcinoembryonic Antigen, Squamous Cell Carcinoma Antigen in Labs Phase
- Remove Lactate Dehydrogenase, Total Protein, Albumin, Gamma Glutamyl Transferase (GOXCAT only) from Labs Phase

If clinically indicated:	
<input type="checkbox"/>	<input checked="" type="checkbox"/> CBC and Differential Blood, once, Order for future visit
<input type="checkbox"/>	<input checked="" type="checkbox"/> Bilirubin Total Blood, once, Order for future visit
<input type="checkbox"/>	<input checked="" type="checkbox"/> Alanine Aminotransferase Blood, once, Order for future visit
<input type="checkbox"/>	<input checked="" type="checkbox"/> Alkaline Phosphatase Blood, once, Order for future visit
<input type="checkbox"/>	<input checked="" type="checkbox"/> Carcinoembryonic Antigen Blood, once, Order for future visit
<input type="checkbox"/>	<input checked="" type="checkbox"/> Cancer Antigen 19-9 Blood, once, Order for future visit
<input type="checkbox"/>	<input checked="" type="checkbox"/> Cancer Antigen 15-3 Blood, once, Order for future visit
<input type="checkbox"/>	<input checked="" type="checkbox"/> Cancer Antigen 125 Blood, once, Order for future visit
<input type="checkbox"/>	<input checked="" type="checkbox"/> Squamous Cell Carcinoma Antigen Blood, once, Order for future visit

Versioning: Yes

Jira: CST-296617

**Protocol: GOOVCATM, GOOVCATX, GOOVCATR**

**Cycles/PowerPlans:** All Associated Powerplans

**Changes:**

Aligned all Pretreatment Plans to:

- Have optional Cancer Antigen 125, Cancer Antigen 15-3, Cancer Antigen 19-9, Carcinoembryonic Antigen in Baseline Labs Phase
- Remove NM Renal Blood GFR from Diagnostics phase

ONCP GO GOVCATM Pretreatment Plan, Baseline Labs (Day 1) (Future Pending)

<input type="checkbox"/>	<input type="checkbox"/>	Component	*Est
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	CBC and Differential Blood, once, Order for future visit	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Creatinine and Estimated GFR Blood, once, Order for future visit	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Alanine Aminotransferase Blood, once, Order for future visit	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Alkaline Phosphatase Blood, once, Order for future visit	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Bilirubin Total Blood, once, Order for future visit	
		<b>If clinically indicated:</b>	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cancer Antigen 15-3 Blood, once, Order for future visit	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cancer Antigen 19-9 Blood, once, Order for future visit	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Carcinoembryonic Antigen Blood, once, Order for future visit	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cancer Antigen 125 Blood, once, Order for future visit	

Aligned all Treatment Plans to:

- Have optional Cancer Antigen 125, Cancer Antigen 15-3, Cancer Antigen 19-9, Carcinoembryonic Antigen in Labs Phase
- Remove Lactate Dehydrogenase, Total Protein, Albumin, Gamma Glutamyl Transferase from Labs Phase

ONCP GO GOVCATM Cycle 1 - Cycle 1, Labs (Day 14, 22) (Future Pending) \*Est

<input type="checkbox"/>	<input type="checkbox"/>	Component	*Est
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	CBC and Differential Blood, once, Order for future visit	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Creatinine and Estimated GFR Blood, once, Order for future visit	
		<b>If clinically indicated:</b>	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Bilirubin Total Blood, once, Order for future visit	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Alkaline Phosphatase Blood, once, Order for future visit	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Alanine Aminotransferase Blood, once, Order for future visit	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cancer Antigen 15-3 Blood, once, Order for future visit	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cancer Antigen 125 Blood, once, Order for future visit	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cancer Antigen 19-9 Blood, once, Order for future visit	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Carcinoembryonic Antigen Blood, once, Order for future visit	

Versioning: Yes

Jira: CST-296603

## Protocol: MOIT

### Cycles/PowerPlans: Associated treatment Powerplan

#### Changes:

In the Chemotherapy Phase:

Updated Pre-Chemo Metrics to:

- **May proceed with treatment if:**
- Neutrophils Greater Than or Equal to  $0.5 \times 10^9/L$  **within 24 hours**
- Platelet Count Greater Than or Equal to  $40 \times 10^9/L$  **within 24 hours**
- **INR Less Than 1.5 and PTT Less Than or Equal to ULN within 24 hours**

ONCP MO MOIT - Cycle 1, Chemotherapy (Day 1, 4) (Future Pending) \*

Component
Link to Protocol: Solid Tumours using Intrathecal Methotrexate and/or Thiotepa and/or Cytarabine
Pre-Chemo Metrics
May proceed with treatment if:
Neutrophils Greater Than or Equal to $0.5 \times 10^9/L$ within 24 hours
Platelet Count Greater Than or Equal to $40 \times 10^9/L$ within 24 hours
INR Less Than 1.5 and PTT Less Than or Equal to ULN within 24 hours

Added yellow note below Treatment Regimen heading:

- Refer to local guidelines for anticoagulation and antiplatelet therapy management

Added blue note to the bottom of the treatment section:

- Bed rest for 30 minutes after procedure in supine position

ONCP MO MOIT - Cycle 1, Chemotherapy (Day 1, 4) (Future Pending) \*Est

Treatment Regimen	Component
Refer to local guidelines for anticoagulation and antiplatelet therapy management	
Maximum 2 intrathecal chemotherapy treatments weekly (e.g. Monday and Thursday). Give one drug each treatment	
Drugs may be alternated (eg. methotrexate alternating with thiotepa for a maximum of 2 intrathecal chemotherapy treatments per week) or single agents m...	
The drugs are generally given twice a week for 2 - 4 weeks and then once weekly for a total of 10-12 treatments if there is a response (improved symptoms and decreased malignant cells in CSF)	
For 2 INTRATHECAL TREATMENTS WEEKLY, select from these orders:	
<input type="checkbox"/> methotrexate (methotrexate - oncology) 12 mg, intrathecal, once oncology, drug form: syringe-inj Via lumbar puncture or Ommaya ventricular reservoir qs to ...	
<input type="checkbox"/> thiotepa (thiotepa - oncology) 12 mg, intrathecal, once oncology, drug form: syringe-inj Via lumbar puncture or Ommaya ventricular reservoir qs to ...	
<input type="checkbox"/> cytarabine (cytarabine - oncology) 50 mg, intrathecal, once oncology, drug form: syringe-inj Via lumbar puncture or Ommaya ventricular reservoir qs to ...	
For ONCE WEEKLY INTRATHECAL TREATMENT, select from these orders:	
<input type="checkbox"/> methotrexate (methotrexate - oncology) 12 mg, intrathecal, once oncology, drug form: syringe-inj Via lumbar puncture or Ommaya ventricular reservoir qs to ...	
<input type="checkbox"/> thiotepa (thiotepa - oncology) 12 mg, intrathecal, once oncology, drug form: syringe-inj Via lumbar puncture or Ommaya ventricular reservoir qs to ...	
<input type="checkbox"/> cytarabine (cytarabine - oncology) 50 mg, intrathecal, once oncology, drug form: syringe-inj Via lumbar puncture or Ommaya ventricular reservoir qs to ...	
Bed rest for 30 minutes after procedure in supine position	

Added CSF Cytology Labs to the Chemotherapy Phase:

ONCP MO MOIT - Cycle 1, Chemotherapy (Day 1, 4) (Future Pending) *Est. 19-Dec-2024 08:00 PST - 7 Days			
	Component	Day 1	Day 4
		Future Pending *Est. 19-Dec-2024 08:00 PST	Future Pending *Est. 22-Dec-2024 08:00 PST
		Actions	Actions
<input type="checkbox"/>	thiotepa (thiotepa - oncology) 12 mg, intrathecal, once oncology, drug form: syringe-inj Via lumbar puncture or Ommaya ventricular reservoir qs to ...		
<input type="checkbox"/>	cytarabine (cytarabine - oncology) 50 mg, intrathecal, once oncology, drug form: syringe-inj Via lumbar puncture or Ommaya ventricular reservoir qs to ...		
	Bed rest for 30 minutes after procedure in supine position		
Cerebrospinal Fluid Labs			
<input checked="" type="checkbox"/>	Cell Count CSF (CSF Cell Count and Differential) Cerebrospinal fluid, Routine, Unit collect, Collection: T;N, on...	Planned	Planned
<input checked="" type="checkbox"/>	Protein CSF (CSF Total Protein) Cerebrospinal fluid, Routine, Unit collect, Collection: T;N, on...	Planned	Planned
<input checked="" type="checkbox"/>	Glucose CSF Cerebrospinal fluid, Routine, Unit collect, Collection: T;N, on...	Planned	Planned
<input checked="" type="checkbox"/>	Pathology Cytology Request (Pathology Cytology Requ... AP Specimen CSF Pathology	Planned	Planned
<input checked="" type="checkbox"/>	CSF Culture (CSF C&S) Cerebrospinal fluid, once, Order for future visit	Planned	Planned
Additional Orders			

In the Labs Phase:

- Updated Days of treatment to include Days 4 and 8
- Updated all labs to be on Days 4 and 8

ONCP MO MOIT - Cycle 1, Labs (Day 4, 8) (Future Pending) *Est. 24-Dec-2024 08:00 PST - 8 Days			
	Component	Day 4	Day 8
		Future Pending *Est. 24-Dec-2024 08:00 PST	Future Pending *Est. 28-Dec-2024 08:00 PST
		Actions	Actions
<input checked="" type="checkbox"/>	CBC and Differential Blood, once, Order for future visit	Planned	Planned
<input checked="" type="checkbox"/>	INR Blood, once, Order for future visit	Planned	Planned
<input checked="" type="checkbox"/>	PTT Blood, once, Order for future visit	Planned	Planned

Versioning: Yes

Jira: CST-296598

**Protocol: LYEPOCHR (Inpatient)**

**Cycles/PowerPlans:** All associated powerplans

**Changes:**

In the Pretreatment Labs Phase:

- Added Potassium Level, Calcium Level, Phosphate Level, Urinalysis Macroscopic (dipstick)
- Updated Hepatitis yellow note to: If HbsAg or HbcoreAb positive, follow hepatitis B prophylaxis as per SCHBV

ONCP LYEPOCHR (Inpatient) Day 1 Cyclophosphamide Cycle 1 - Cycle 1, Pretreatment Labs (Day 1)			
		Day 1	
		Future Pending	
		*Est. 18-Dec-2024 11:...	
		Actions	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> Bilirubin Total Blood, Routine, Unit collect, once, Order for future visit	Planned
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> Alanine Aminotransferase Blood, Routine, Unit collect, once, Order for future visit	Planned
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> Alkaline Phosphatase Blood, Routine, Unit collect, once, Order for future visit	Planned
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> Lactate Dehydrogenase Blood, Routine, Unit collect, once, Order for future visit	Planned
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> Uric Acid Blood, Routine, Unit collect, once, Order for future visit	Planned
		<input checked="" type="checkbox"/> If clinically indicated:	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> Potassium Level Blood, once, Order for future visit	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> Calcium Level Blood, once, Order for future visit	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> Phosphate Level Blood, once, Order for future visit	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> Urinalysis Macroscopic (dipstick) Urine, once, Order for future visit	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> HIV 1/2 Antibody and p24 Antigen BCCDC Blood, Routine, Unit collect, once, Order for future visit	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> Hepatitis C Antibody BCCDC Blood, Routine, Unit collect, once, Order for future visit	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> Hepatitis B Core Antibody Total BCCDC Blood, Routine, Unit collect, once, Order for future visit	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> Hepatitis B Surface Antigen BCCDC Blood, Routine, Unit collect, once, Order for future visit	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> Hepatitis B Surface Antibody BCCDC Blood, Routine, Unit collect, once, Order for future visit	
		<input checked="" type="checkbox"/> If HBsAg or HBcoreAb positive, follow hepatitis B prophylaxis as per SCHBV protocol	

In the Intrathecal Phase:

- All orders have been deselected

**Versioning:** Yes

**Jira:** CST-290494

### Net New Build

- LYEPOCHR Outpatient Option

**Jira:** CST-278080

<b>Jira Ticket #</b>	CST-297353, CST-297207, CST-296617, CST-296603, CST-296598, CST-290494, CST-278080
<b>How-to questions?</b>	<a href="http://cstcernerhelp.healthcarebc.ca">http://cstcernerhelp.healthcarebc.ca</a>
<b>Need further support?</b>	<b>CST Phone Support: 1-844-214-7444</b>