

# **Systemic Therapy Update**

Volume 27 Issue 12 December 2024

# For Health Professionals Who Care for People with Cancer

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#### Cancer Drug Manual<sup>©</sup>

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**Resources and Contact Information** 

### Editor's Choice

#### **New Programs**

BC Cancer Provincial Systemic Therapy has approved the following new treatment programs effective 01 December 2024. Full details of all treatment programs are available in the <u>Chemotherapy Protocols</u> section of the BC Cancer website.

#### Gastrointestinal

Pembrolizumab and Trastuzumab in Combination with Fluoropyrimidine and Oxaliplatin for Advanced Gastric, Gastroesophageal Junction or Esophageal Adenocarcinoma (GIGAVPCOXT, GIGAVPFOXT) – The BC Cancer Gastrointestinal Tumour Group is adding pembrolizumab to trastuzumab plus fluoropyrimidine and oxaliplatin chemotherapy for the treatment of patients with HER2-positive metastatic or inoperable locally advanced gastric, gastroesophageal junction or esophageal adenocarcinoma. Treatment eligibility includes PD-L1 expression with combined positive score (CPS)  $\geq$  1 and no prior treatment in the advanced

### Editor's Choice

#### **New Programs**

setting.<sup>1</sup> Patients currently on treatment with GIGAVCOXT/GIGAVFFOXT without progression may switch to GIGAVPCOXT/GIGAVPFOXT (i.e., addition of pembrolizumab) if all other eligibility criteria are met.

Approval of this new treatment program is based on the phase III randomized, controlled KEYNOTE-811 trial.<sup>2</sup> Patients were randomized to pembrolizumab or placebo, combined with trastuzumab and fluoropyrimidine- and platinum-containing chemotherapy. Progression-free survival and median overall survival were significantly improved in the pembrolizumab group, specifically in patients whose tumours express PD-L1 CPS  $\geq$  1. Treatment was associated with toxicities consistent with the known safety profiles of the agents.

#### Skin & Melanoma

**Pembrolizumab for Neoadjuvant-Adjuvant Treatment of Stage IIIB to IV Melanoma (SMNAPEM)** – The BC Cancer Skin and Melanoma Tumour Group is implementing neoadjuvant pembrolizumab for patients presenting with stage IIIB to IV M1c resectable melanoma. Currently this patient population receives one year of adjuvant anti-PD-1 therapy after complete resection (or combination dabrafenib/trametinib if the tumour has a BRAF V600 mutation). In the new treatment program, patients with resectable stage IIIB to IV M1c melanoma may receive three cycles of pembrolizumab preoperatively, followed by the remaining pembrolizumab cycles after surgery. In addition to checking morning serum cortisol prior to the first three cycles, it must also be checked prior to surgery to identify potential adrenal insufficiency. Three-weekly dosing must be used during the pre-operative neoadjuvant phase, however, patients may be switched from 3-weekly to 6-weekly dosing in the post-operative adjuvant treatment programs (SMAJNIV, SMAJNIV4, SMAJPEM, SMAJPEM6), will provide the same overall duration of anti-PD-1 therapy.

Approval of this treatment program is supported by evidence from the phase II, open-label, randomized SWOG S1801 trial.<sup>3,4</sup> Patients with stage IIIB to IV M1c melanoma were randomized to three doses of neoadjuvant pembrolizumab, followed by surgery, and 15 further doses of 3-weekly pembrolizumab (neoadjuvant-adjuvant group), or to surgery followed by 3-weekly pembrolizumab for 18 doses (adjuvant-only group). Event-free survival at two years was 72% in the neoadjuvant-adjuvant group compared with 49% in the adjuvant-only group. A similar number of patients in the neoadjuvant group did not proceed to the adjuvant therapy phase, as compared with patients randomized to adjuvant therapy who did not receive pembrolizumab after surgery. There was no increased toxicity from giving the first three cycles of pembrolizumab neoadjuvantly.

#### References

- 1 Janjigian YY, Kawazoe A, Bai Y, et al. Pembrolizumab plus trastuzumab and chemotherapy for HER2-positive gastric or gastrooesophageal junction adenocarcinoma: interim analyses from the phase 3 KEYNOTE-811 randomised placebo-controlled trial. *Lancet* 2023;402:2197-2208. <u>https://doi.org/10.1016/S0140-6736(23)02033-0</u>
- 2 CADTH Reimbursement Recommendation. Pembrolizumab (Keytruda®). Canadian Journal of Health Technologies 2024;4(7). https://doi.org/10.51731/cjht.2024.930
- 3 Patel SP, Othus M, Chen Y, et al. Neoadjuvant-adjuvant or adjuvant-only pembrolizumab in advanced melanoma. *N Engl J Med* 2023;388(9):813-823. <u>https://doi.org/10.1056/NEJMoa2211437</u>
- 4 CADTH Reimbursement Recommendation. Pembrolizumab (Keytruda®) for the neoadjuvant-adjuvant treatment of adult patients with stage III or stage IV melanoma. 2024.

### Cancer Drug Manual<sup>©</sup>

All documents are available in the <u>Cancer Drug Manual</u><sup>©</sup> on the BC Cancer website.

#### **New Documents**

The **Calaspargase Pegol Monograph** has been developed with expert review provided by Dr. Jennifer Kendrick (clinical pharmacy specialist, BC Children's Hospital). **Calaspargase pegol** is a pegylated conjugate of L-asparaginase (*E. coli*-derived asparaginase), an enzyme that catalyzes the conversion of L-asparagine into aspartic acid and ammonia. Calaspargase pegol is used in the treatment of acute lymphoblastic leukemia. The usual dose in pediatric and adult patients is 2500 units/m<sup>2</sup> IV for one dose every three weeks.

Highlights from these documents include:

- calaspargase pegol can lead to fluctuation in clotting factors; risk of bleeding and/or clotting may be increased
- glucose intolerance is commonly reported; monitor for signs/symptoms of hyperglycemia throughout treatment
- calaspargase pegol should be avoided in patients with severe hepatic impairment

**Calaspargase pegol** has been added to the **Chemotherapy Preparation and Stability Chart.** Asparaginase was previously evaluated for the **BC Health Authorities Provincial Hazardous Drug List.** 

Note that the following drug is not a BC Cancer Benefit Drug and requires application to the BC Cancer Compassionate Access Program (CAP). The corresponding Monograph and Patient Handout are made available for reference only.

The **Capivasertib Monograph** and **Patient Handout** have been developed with expert review provided by Nathalie Levasseur (medical oncologist, BC Cancer Breast Tumour Group) and Megan Darbyshire (tumour group pharmacist, BC Cancer Provincial Pharmacy). Capivasertib is an orally administered kinase inhibitor that targets all three isoforms of serine/threonine AKT (AKT1, AKT2 and AKT3). It is used in combination with fulvestrant in the treatment of HR-positive, HER2-negative locally advanced or metastatic breast cancer with one or more PIK3CA/AKT1/PTEN alterations. The usual dose is 400 mg orally twice daily for four consecutive days starting on day 1 of each week.

Highlights from these documents include:

- blood glucose should be optimized prior to starting treatment
- diarrhea occurs frequently and prompt initiation of loperamide is recommended
- serious cutaneous reactions such as erythema multiforme, palmar-plantar erythrodysesthesia and drug reaction with eosinophilia and systemic symptoms (DRESS) have been reported

Capivasertib has been added to the Auxiliary Label List and was evaluated for the BC Health Authorities Provincial Hazardous Drug List.

### Cancer Drug Manual<sup>©</sup>

Note that the following drug is not a BC Cancer Benefit Drugs and requires application to the BC Cancer Compassionate Access Program (CAP). The corresponding Interim Monograph and Chemotherapy Preparation and Stability Chart entry is made available for reference only.

The **Datopotamab deruxtecan Interim Monograph** has been developed. Datopotamab deruxtecan is an antibody drug conjugate comprised of a TROP2 inhibiting IgG1 monoclonal antibody bound to a topoisomerase inhibitor via a cleavable linker. Datopotamab deruxtecan is currently being investigated for treatment of non-small cell lung cancer, small cell lung cancer, and breast cancer. The usual dose is 6 mg/kg IV given on day 1 of a three weekly cycle.

Highlights from this document includes:

- infusion-related reactions are reported; premedication with antihistamine, acetaminophen, +/glucocorticoid is recommended prior to each dose
- keratitis is an identified risk of treatment; avoiding contact lenses while on treatment and regular use of artificial tears are recommended for prevention
- oral mucositis/stomatitis is common and can be severe; adherence to good oral hygiene and daily use of a steroid containing mouthwash are recommended for prevention

**Datopotamab deruxtecan** has been added to the **Chemotherapy Preparation and Stability Chart** and has been evaluated for the **BC Health Authorities Provincial Hazardous Drug List.** 

### Cancer Drug Manual<sup>©</sup>

### **Revised Documents**

#### **Carboplatin Monograph**

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Special Precautions:	Pregnancy – updated duration of contraception
Side Effects table:	updated emetogenic potential
Olanarih Managranh	
Olaparib Monograph	
Special Precautions:	Caution – added statement regarding hematologic recovery
Special recoulions.	Carcinogenicity – updated timeline for emergence and citation
Cida Effects tables	updated emetogenic potential, side effect incidence, and added/deleted side
Side Effects table:	effects per current product information
Side Effects	updated hematologic toxicities (deleted information about hemorrhagic stroke
paragraphs:	as not causally related to drug); added new paragraph about nausea/vomiting

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Thiotepa Monograph and	d Chemotherapy Preparation and Stability Chart
Common Trade Name:	added brand name for European product
Pharmacokinetics table:	updated all sections
Uses:	updated Health Canada-approved indications, and primary/other uses
Special Precautions:	added bullets; updated <i>Carcinogenicity, Fertility, and Pregnancy;</i> deleted FDA Pregnancy category
Side Effects table:	added urinary symptoms
Side Effects paragraphs:	added new paragraphs for gastrointestinal toxicity, myelosuppression, neurotoxicity and skin excretion
Supply and Storage:	updated with Canadian marketed brands (Hikma, SteriMax); deleted SAP brand
Solution Preparation and Compatibility:	deleted preparation information (normally included in the Chemotherapy Preparation and Stability Chart); deleted compatibility information (no longer included in this section)
Parenteral	deleted information that cannot be corroborated in current product
Administration table:	information or other references; updated per current information
Dosage Guidelines:	added information pertaining to stem cell transplantation; updated dosage in myelosuppression, renal failure, and hepatic failure
Chemotherapy Preparation and Stability Chart:	added Canadian marketed brands (Hikma, SteriMax); deleted SAP brand
Trastuzumab Emtansine	
Side Effects table: Side Effects paragraphs:	updated messaging regarding extravasation hazard and injection site reactions added new paragraph regarding extravasation

#### nd Chamatharany Proparation and Stability Chart

#### **Chemotherapy Preparation and Stability Chart**

Doxorubicin pegylated	added US-labelled brand (Taro USA) approved by Health Canada for drug
liposomal:	shortage (vials labelled with Sun Pharmaceuticals as manufacturer)
Topotecan:	added information regarding intrathecal route of administration to all current brands

#### **Editorial Board Changes**

The Cancer Drug Manual<sup>©</sup> Editorial Review Board would like to bid farewell to Megan Crosby (Interim Director, Professional Practice Nursing, BC Cancer - Prince George). Thank you, Megan, for your years of contributions to the Cancer Drug Manual<sup>©</sup> board. We wish you all the best and hope that you will rejoin the board in the future. Replacing Megan while she is in her new role is Stephanie Townsend (Clinical Nurse Educator, BC Cancer – Kelowna). Welcome Stephanie. We look forward to working with you.

### **Community Oncology Network**

#### **Terrace CON Clinic – New Facility, New Name**

The CON site within **Terrace** has now moved to their new facility **Ksyen Regional Hospital** (formerly known as Mills Memorial Hospital). This name change is reflected in the CONRef program when selecting a CON site. Please update any local or regional documentation to reflect the new facility name for the Terrace CON clinic. Ksyen, pronounced as KUH-see-yen, comes from the Tsimshian Sm'algyax language name for the Skeena River.

### Benefit Drug List

#### **New Programs**

The following treatment programs have been added to the BC Cancer <u>Benefit Drug List</u> effective 01 December 2024:

Protocol Title	Protocol Code	Benefit Status
Treatment of Advanced Gastric, Gastroesophageal Junction or Esophageal Adenocarcinoma using <b>Pembrolizumab, Capecitabine, Oxaliplatin</b> and <b>Trastuzumab</b>	GIGAVPCOXT	Class I
Treatment of Advanced Gastric, Gastroesophageal Junction or Esophageal Adenocarcinoma using <b>Pembrolizumab, Oxaliplatin, Fluorouracil, Leucovorin</b> and <b>Trastuzumab</b>	GIGAVPFOXT	Class I
Neoadjuvant-Adjuvant Treatment of Stage IIIB to IV Melanoma using Pembrolizumab	SMNAPEM	Class I

### **Deleted Programs**

The following programs have been deleted from the BC Cancer <u>Benefit Drug List</u> effective 01 December 2024:

Protocol Title	Protocol Code	Benefit Status
Topical Carmustine in Cutaneous T-Cell Lymphoma	LYCARTOP	Class I
Treatment of Cutaneous T-Cell Lymphoma (CTCL) with Brentuximab Vedotin	LYCTCLBV (new patients to follow LYBRENTUX)	Class I

# List of New & Revised Protocols, Pre-Printed Orders and Patient Handouts

**BC Cancer Protocol Summaries, Provincial Pre-Printed orders (PPPOs) and Patient Handouts** are revised periodically. New, revised or deleted protocols, PPPOs and patient handouts for this month are listed below, with document revisions indicated in the respective columns. Protocol codes for treatment requiring BC Cancer Compassionate Access Program approval are prefixed with the letter **U**.

### **NEW Protocols, PPPOs and Patient Handouts** (new documents checked ☑)

Code	Protocol Title	Protocol	РРРО	Handout
GIGAVPCOXT	Treatment of Advanced Gastric, Gastroesophageal Junction or Esophageal Adenocarcinoma using Pembrolizumab, Capecitabine, Oxaliplatin and Trastuzumab			
GIGAVPFOXT	Treatment of Advanced Gastric, Gastroesophageal Junction or Esophageal Adenocarcinoma using Pembrolizumab, Oxaliplatin, Fluorouracil, Leucovorin and Trastuzumab	V		
SMNAPEM	Neoadjuvant-Adjuvant Treatment of Stage IIIB to IV Melanoma using Pembrolizumab			

Code	Protocol Title	Protocol	РРРО	Handout	
CN   Neuro-Or	ncology				
CNCARV	Carboplatin and Etoposide in the Treatment of Recurrent Ependymoma and Oligodendroglioma	Tests and emetogenic risk category updated	Premedications and tests updated		
CNELTZRT	Treatment of Elderly Newly Diagnosed Glioma Patient with Concurrent and Adjuvant Temozolomide and Radiation Therapy	Tests updated, minor formatting	Tests updated		
GI   Gastrointe	estinal				
GIAAVCT	First-Line Palliative Treatment of Metastatic Anal Squamous Cell Carcinoma using Carboplatin and Weekly Paclitaxel	Emetogenic risk category updated	Premedications updated		
GIGAVFFOXT	Palliative Treatment of Metastatic or Locally Advanced Gastric, Gastroesophageal Junction or Esophageal Adenocarcinoma using Oxaliplatin, Fluorouracil, Leucovorin and Trastuzumab	Tests updated			
GIRCRT	Combined Modality Adjuvant Therapy for High- Risk Rectal Carcinoma using Capecitabine and Radiation Therapy	Eligibility clarified			
GO   Gynecolo	GO   Gynecologic				
GOENDAVPL	Treatment of Endometrial Cancer with Microsatellite Stability or Mismatch Repair Proficiency using Pembrolizumab and Lenvatinib	Formatting error corrected			

Code	Protocol Title	Protocol	РРРО	Handout
HN   Head and	Neck			
HNLAALTPRT	Summary for Locally Advanced (Alternate) Head and Neck Cancer using Cisplatin during Radiation Therapy	Tests clarified		
HNLACETRT	Summary for Combined Cetuximab and Radiation Treatment for Locally Advanced Squamous Cell Carcinoma of the Head and Neck	Tests clarified		
HNLAPRT	Summary for Combined Chemotherapy Cisplatin and Radiation Treatment for Locally Advanced Squamous Cell Carcinoma of the Head and Neck	Tests clarified		
HNNLAPRT	Treatment of Locally Advanced Nasopharyngeal Cancer with Concurrent Cisplatin and Radiation	Tests clarified; dose modifications updated		
LY   Lymphom	a			
HLHETCSPA	Treatment of Hemophagocytic Lymphohistiocytosis with Etoposide, Dexamethasone and Cyclosporine	Tests, supportive medications and precautions updated	Standing orders for etoposide toxicity removed; tests updated	
LYABVD	Treatment of Hodgkin Lymphoma with Doxorubicin, Bleomycin, Vinblastine and Dacarbazine	Dose modifications clarified	Standing orders for etoposide toxicity removed	
LYACAL	Treatment of Relapsed/Refractory Chronic Lymphocytic Leukemia or Small Lymphocytic Lymphoma using Acalabrutinib	Tests and supportive medications updated	Tests updated	
LYALEM	Treatment with Subcutaneous or Intravenous Alemtuzumab for Fludarabine-Refractory B- Chronic Lymphocytic Leukemia (B-CLL) or with Intravenous Alemtuzumab for Previously Untreated T-Prolymphocytic Leukemia (T-PLL)	Tests, supportive medications and precautions updated	Tests updated	
LYALIT	Treatment of Cutaneous T-Cell Lymphoma (Mycosis Fungoides/Sézary Syndrome) with Alitretinoin	Tests and precautions updated	Tests updated	
LYASPMEDEX	Treatment of Refractory or Relapsing Extranodal Natural Killer or T-Cell Lymphoma using Pegaspargase, Methotrexate and Dexamethasone	Tests, supportive medications and precautions updated	Tests updated	
LYAVDBV	Treatment of Previously Untreated, Stage IV Hodgkin Lymphoma with Doxorubicin, Vinblastine, Dacarbazine and Brentuximab Vedotin	Tests updated; dose modifications clarified	Tests updated; standing orders for etoposide toxicity removed	
LYBEND	Treatment of Non-Hodgkin Lymphoma with Bendamustine	Tests, supportive medications and precautions updated	Tests updated	
LYCDA	Treatment of Hairy Cell Leukemia with Cladribine	Tests, supportive medications and precautions updated	Tests updated	

Code	Protocol Title	Protocol	РРРО	Handout
LYCHLOR	Therapy for Indolent Lymphoma and Chronic Lymphocytic Leukemia using Chlorambucil	Tests, supportive medications and precautions updated	Tests updated	
LYCHOP	Treatment of Lymphoma with Doxorubicin, Cyclophosphamide, Vincristine and Prednisone (CHOP)	Tests, supportive medications and precautions updated; dose modifications clarified	Standing orders for etoposide toxicity removed; tests updated	
LYCHOPO	Treatment of Rituximab-Refractory Follicular Lymphoma with Doxorubicin, Cyclophosphamide, Vincristine, Prednisone and Obinutuzumab	Tests updated; dose modifications clarified	Standing orders for etoposide toxicity banner removed; tests updated	
LYCHOPR	Treatment of Lymphoma with Doxorubicin, Cyclophosphamide, Vincristine, Prednisone and Rituximab (CHOP-R)	Dose modifications clarified	Standing orders for etoposide toxicity banner removed	
LYCHOPRMTX	Central Nervous System Prophylaxis with High- Dose Methotrexate, CHOP and Rituximab in Diffuse Large B-Cell Lymphoma	Dose modifications clarified	Standing orders for etoposide toxicity removed	
LYCHPBV	Treatment of CD30-Positive Peripheral T-Cell Lymphoma (PTCL) with Doxorubicin, Cyclophosphamide, Prednisone (CHP) and Brentuximab Vedotin	Tests, supportive medications, and precautions updated; dose modifications clarified	Standing orders for etoposide toxicity removed; tests updated	
LYCLLBEND	Treatment of Relapsed Chronic Lymphocytic Leukemia (CLL) with Bendamustine	Tests, supportive medications and precautions updated	Tests updated	
LYCSPA	Cyclosporine for Cytopenias Associated with Lymphoproliferative Disorder of Large Granular Lymphocytes	Tests and precautions updated, supportive medications added	Tests updated	
LYCVP	Treatment of Advanced Indolent Lymphoma using Cyclophosphamide, Vincristine, Prednisone (CVP)	Tests, supportive medications and precautions updated	Tests updated	
LYCVPPABO	Treatment of Hodgkin Lymphoma with Cyclophosphamide, Vinblastine, Procarbazine, Prednisone, Doxorubicin, Vincristine and Bleomycin	Tests, supportive medications, and precautions updated; dose modifications clarified	Standing orders for etoposide toxicity removed; tests updated	
LYCYCLO	Therapy of Lymphoma, Hodgkin's Lymphoma, Chronic Lymphocytic Leukemia or Multiple Myeloma using Cyclophosphamide	Tests, supportive medications and precautions updated	Tests updated	
LYDARCBDF	Treatment of Previously Untreated Light Chain Amyloidosis and Not-Eligible-for Stem Cell Transplant using Daratumumab, Cyclophosphamide, Bortezomib and Dexamethasone	Tests, supportive medications and precautions updated	Tests updated	

Code	Protocol Title	Protocol	РРРО	Handout
LYFACAL	Treatment of Previously Untreated Chronic Lymphocytic Leukemia or Small Lymphocytic Lymphoma using Acalabrutinib	Tests and supportive medications updated	Tests updated	
LYFIBRU	Treatment of Previously Untreated Chronic Lymphocytic Leukemia or Small Lymphocytic Lymphoma using Ibrutinib	Tests and supportive medications updated	Tests updated	
LYFLU	Treatment of Low-Grade Lymphoma or Chronic Lymphocytic Leukemia with Fludarabine	Tests, supportive medications and precautions updated	Tests updated	
LYGDP	Treatment of Lymphoma with Gemcitabine, Dexamethasone and Platinum	Tests, supportive medications and precautions updated	Tests updated	
LYGEMOXPEG	Treatment of Newly Diagnosed or Relapsed/Refractory Natural Killer or T-Cell Lymphoma using Gemcitabine, Oxaliplatin and Pegaspargase	Tests, antiviral medications and precautions updated	Tests updated	
LYGVLD	Treatment of Relapsed or Refractory Hodgkin Lymphoma with Gemcitabine, Vinorelbine and Doxorubicin Pegylated Liposomal	Tests and precautions updated; supportive medications added	Tests updated	
LYHDMRTEM	Treatment of Primary and Secondary CNS Lymphoma with High-Dose Methotrexate, Rituximab and Temozolomide	Tests, supportive medications and precautions updated	Tests updated	
LYHDMTXPRO	Central Nervous System Prophylaxis with High- Dose Methotrexate in Diffuse Large B-Cell Lymphoma	Tests, supportive medications and precautions updated	Tests updated	
LYIBRU	Treatment of Relapsed/Refractory Chronic Lymphocytic Leukemia or Small Lymphocytic Lymphoma using Ibrutinib	Tests and supportive medications updated	Tests updated	
LYIT	Treatment of Lymphoma using Intrathecal Methotrexate and Cytarabine	Tests, supportive medications and precautions updated	Tests updated	
LYIVACR	Treatment of Burkitt Lymphoma and Leukemia (ALL-L3) with Ifosfamide, Mesna, Etoposide, Cytarabine (IVAC) and Rituximab	Tests, supportive medications and precautions updated	Tests updated	
LYMFBEX	Treatment of Cutaneous T-Cell Lymphoma (Mycosis Fungoides/Sézary syndrome) with Bexarotene	Tests and precautions updated	Tests updated	
LYMFECP	Treatment of Cutaneous T-Cell Lymphoma (Sézary syndrome) with Extracorporeal Photopheresis	Tests and precautions updated		
LYMIBRU	Treatment of Relapsed/Refractory Mantle-Cell Lymphoma using Ibrutinib	Tests, supportive medications and precautions updated	Tests updated	

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Code	Protocol Title	Protocol	РРРО	Handout
LYNIV	Treatment of Relapsed or Refractory Hodgkin Lymphoma using Nivolumab	Tests, supportive medications and precautions updated	Tests updated	
LYNIV4	Treatment of Relapsed or Refractory Hodgkin Lymphoma using 4-Weekly Nivolumab	Tests, supportive medications and precautions updated	Tests updated	
LYPALL	Lymphoma Palliative Chemotherapy	Tests section added; precautions updated		
LYPEM	Treatment of Relapsed or Refractory Hodgkin Lymphoma using Pembrolizumab	Tests, supportive medications and precautions updated	Tests updated	
LYPEM6	Treatment of Relapsed or Refractory Hodgkin Lymphoma using 6-Weekly Pembrolizumab	Tests, supportive medications and precautions updated	Tests updated	
LYPRA	Treatment of Relapsed or Refractory Peripheral T- Cell Lymphoma (PTCL) with Pralatrexate	Tests, supportive medications and precautions updated	Tests updated	
LYRICE	Treatment of Relapsed or Refractory Advanced Stage Aggressive B-Cell Non-Hodgkin's Lymphoma with Ifosfamide, Carboplatin, Etoposide and Rituximab		Standing orders for etoposide toxicity removed	
ULYROMI	Treatment of Relapsed or Refractory Peripheral T- Cell Lymphoma (PTCL) with Romidepsin	Tests, supportive medications and precautions updated	Tests updated	
LYSILTUX	Treatment of Multicentric Castleman's Disease (MCD) Negative for Human Immunodeficiency Virus (HIV) and Human Herpes Virus-8 (HHV-8) using Siltuximab	Tests, supportive medications and precautions updated	Pre-chemo metrics added; tests updated	
LYSMILE	Treatment of Natural Killer or T-Cell Lymphoma using Dexamethasone, Methotrexate, Ifosfamide, Pegaspargase and Etoposide	Tests, antimicrobial prophylaxis and precautions updated	Labs updated; standing orders for etoposide toxicity removed	
LYVENOB	Treatment of Previously Untreated Chronic Lymphocytic Leukemia or Small Lymphocytic Lymphoma using Venetoclax and Obinutuzumab	Tests updated; contact pharmacist removed	If clinically indicated HBsAg removed	
LYVIPDRT	Treatment of Newly Diagnosed Nasal, Extranodal Natural Killer (NK) or T-Cell Lymphoma, using Concurrent Radiation and weekly Cisplatin Followed by Etoposide, Ifosfamide, Cisplatin and Dexamethasone	Tests, antiviral prophylaxis and precautions updated	Tests updated; standing orders for etoposide toxicity removed	
MY   Myeloma	a			
MYBLDF	Treatment of Previously Untreated Multiple Myeloma and Not-Eligible-for Stem Cell Transplant using Bortezomib, Lenalidomide and Dexamethasone	Tests, supportive medications and precautions updated	Tests updated	

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Code	Protocol Title	Protocol	РРРО	Handout
MYBLDPRE	Treatment of Multiple Myeloma using Lenalidomide, Bortezomib and Dexamethasone as Induction Pre-Stem Cell Transplant	Tests, supportive medications and precautions updated	Tests updated	
MYBORMTN	Maintenance Therapy of Multiple Myeloma using Bortezomib for Patients with the High-Risk Chromosome Abnormality	Tests, supportive medications and precautions updated	Tests updated	
MYBORPRE	Treatment of Multiple Myeloma using Bortezomib, Dexamethasone with or without Cyclophosphamide as Induction Pre-Stem Cell Transplant	Tests, supportive medications and precautions updated	Tests updated	
MYBORREL	Treatment of Relapsed Multiple Myeloma using Bortezomib, Dexamethasone with or without Cyclophosphamide	Tests, supportive medications and precautions updated	Tests updated	
MYBSD	Treatment of Multiple Myeloma using Bortezomib, Selinexor and Dexamethasone with or without Cyclophosphamide	Tests, supportive medications and precautions updated	Tests updated	
MYCARDEX	Therapy of Multiple Myeloma using Carfilzomib and Dexamethasone with or without Cyclophosphamide	Tests, supportive medications and precautions updated	Tests updated	
MYCARLD	Therapy of Multiple Myeloma using Carfilzomib, Lenalidomide with Dexamethasone	Tests, supportive medications and precautions updated	Tests updated	
MYDARBD	Treatment of Relapsed and Refractory Multiple Myeloma with Daratumumab in Combination with Bortezomib and Dexamethasone with or without Cyclophosphamide	Tests, supportive medications and precautions updated	Tests updated	
MYDARCBDF	Treatment of Previously Untreated Multiple Myeloma and Not-Eligible-for Stem Cell Transplant using Daratumumab, Cyclophosphamide, Bortezomib and Dexamethasone	Tests, supportive medications and precautions updated	Tests updated	
MYDARLD	Treatment of Relapsed and Refractory Multiple Myeloma with Daratumumab in Combination with Lenalidomide and Dexamethasone with or without Cyclophosphamide	Tests, supportive medications and precautions updated	Tests updated	
MYDARLDF	Treatment of Previously Untreated Multiple Myeloma and Not-Eligible-for Stem Cell Transplant using Daratumumab, Lenalidomide and Dexamethasone	Tests, supportive medications and precautions updated	Tests updated	
MYHDC	Single Dose Cyclophosphamide Priming Therapy for Multiple Myeloma Prior to Autologous Stem Cell Transplant	Tests and precautions updated, supportive medications added		
UMYISACARD	Therapy of Multiple Myeloma using Carfilzomib, Dexamethasone and Isatuximab with or without Cyclophosphamide	Tests, supportive medications and precautions updated	Tests updated	

UMYISAPOMD Pomalidom	Protocol Title Multiple Myeloma using	Protocol	РРРО	Handout	
UMYISAPOMD Pomalidom	Multiple Myeloma using				
with or with	ide, Dexamethasone and Isatuximab hout Cyclophosphamide	Tests, supportive medications and precautions updated	Tests updated		
Myeloma a	of Previously Untreated Multiple nd Not-Eligible-for Stem Cell Transplant idomide with Low-Dose asone	Tests, supportive medications and precautions updated	Tests updated		
MVIDREI	Relapsed Multiple Myeloma using de with Dexamethasone	Tests, supportive medications and precautions updated	Tests updated		
Mylenmtn Maintenan Lenalidomi	ce Therapy of Multiple Myeloma using de	Tests, supportive medications and precautions updated	Tests updated		
MYMP Treatment and Predni	of Multiple Myeloma using Melphalan sone	Tests, supportive medications and precautions updated	Tests updated		
MYMPBOR Prednisone	of Multiple Myeloma using Melphalan, and Weekly Bortezomib with the ubstituting Cyclophosphamide for	Tests, supportive medications and precautions updated	Tests updated		
UMYPOMDEX Therapy of with Dexar	Multiple Myeloma using Pomalidomide nethasone	Tests, supportive medications and precautions updated	Tests updated, pharmacy use area corrected to indicate pomalidomide		
PU   Primary Unknown					
	Primary Treatment of Cancer of Primary Origin using Carboplatin and	Antiemetic therapy post-chemotherapy section removed; emetogenic risk category added; contact pharmacist removed	Premedications updated		
SA   Sarcoma					
	r Advanced Solitary Fibrous Tumours ngiopericytoma using Temozolomide zumab	Tests, precautions and references updated; temozolomide renal dose modifications removed	Prechemo metrics and tests updated		
SM   Skin & Melanoma					
SMMCCAVE	ine Treatment of Recurrent or Merkel Cell Carcinoma using Avelumab	Exclusions updated			

# **Resources and Contact Information**

Resource	Phone	Email / Toll Free / Fax	
Systemic Therapy Update: www.bccancer.bc.ca/health-professionals/clinical-resources/systemic-therapy/systemic-therapy-update			
Systemic Therapy Update Editor	604-877-6000 x 672649	bulletin@bccancer.bc.ca	
Oncology Drug Information Cancer Drug Manual Editor Pharmacy Oncology Certification	604-877-6275 250-519-5500 x 693742 250-712-3900 x 686820	druginfo@bccancer.bc.ca nbadry@bccancer.bc.ca rxchemocert@bccancer.bc.ca	
CAP – Compassionate Access Program	604-877-6277	<u>cap_bcca@bccancer.bc.ca</u> fax 604-708-2026	
OSCAR – Online System for Cancer Drugs Adjudication and Reimbursement	888-355-0355	oscar@bccancer.bc.ca fax 604-708-2051	
Library/Cancer Information	604-675-8003	toll free 888-675-8001 x 8003 requests@bccancer.bc.ca	
Library Document Delivery	604-675-8002	requests@bccancer.bc.ca	
Pharmacy Professional Practice Professional Practice, Nursing Provincial Systemic Therapy Network	604-877-6000 x 672247 604-877-6000 x 672623 604-877-6000 x 672247	mlin@bccancer.bc.ca BCCancerPPNAdmin@phsa.ca ProvincialSystemicOffice@bccancer.bc.ca	
BC Cancer – Abbotsford BC Cancer – Kelowna	604-851-4710 250-712-3900	toll free 877-547-3777 toll free 888-563-7773	
BC Cancer – Prince George BC Cancer – Surrey BC Cancer – Vancouver	250-645-7300 604-930-2098 604-877-6000	toll free 855-775-7300 toll free 800-523-2885 toll free 800-663-3333	
BC Cancer – Victoria	250-519-5500	toll free 800-670-3322	

Community Oncology Network (CON) sites: To update your contact information, please contact: <u>bulletin@bccancer.bc.ca</u>

# Editorial Review Board

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