

Systemic Therapy Update

Volume 27 Issue 1 January 2024

For Health Professionals Who Care for Cancer Patients

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Cancer Drug Manual®

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Editor's Choice

New Programs

Effective 01 January 2024, the BC Cancer Provincial Systemic Therapy Program has approved the following new treatment programs. The full details of these programs can be found on the BC Cancer website in the Chemotherapy Protocols section.

Breast

Pembrolizumab for Triple-Negative Breast Cancer (BRAVPEM, BRAVPEM6) — The BC Cancer Breast Tumour Group is introducing two pembrolizumab protocols for patients who have completed or discontinued chemotherapy portion of BRAVPPN, BRAVPP, or BRAVPGC protocols. These protocols are used for patients with locally recurrent inoperable or metastatic triple-negative breast cancer (TNBC) and PDL-1 combined positive score > 10. For more details, see the <u>June 2023</u> issue of Systemic Therapy Update.

Cancer Drug Manual®

All documents are available in the Cancer Drug Manual[©] on the BC Cancer website.

New Documents

Note that the following drug is not a BC Cancer Benefit Drug. The corresponding Interim Monograph and Patient Handout are made available for reference only.

The **Mogamulizumab Interim Monograph** has been expanded and a **Patient Handout** has been developed. Expert review was provided by Dr. Kerry Savage (medical oncologist, BC Cancer Lymphoma Tumour Group) and Megan Darbyshire (tumour group pharmacist, BC Cancer Provincial Pharmacy). All monograph sections have been reviewed and updated. The following sections have been added or expanded: *Pharmacokinetics, Special Precautions, Side Effects, Interactions, and Dosage Guidelines.* **Mogamulizumab** is a humanized IgG1k monoclonal antibody which selectively binds to CC chemokine receptor 4 (CCR4). Mogamulizumab is used in the treatment of cutaneous T-cell lymphoma. Usual dose is 1 mg/kg IV given in a 28 day cycle. For cycle 1, mogamulizumab is given on days 1, 8, 15, and 22. For cycle 2 and subsequent cycles, mogamulizumab is given on days 1 and 15.

Highlights from these documents include:

- *infusion reactions* may occur; premedication is administered prior to the first mogamulizumab infusion in all patients
- *rash* is common and presentations may vary; skin biopsy may be required to distinguish rash from disease progression
- fatal *autoimmune complications* have occurred; use caution in patients with history of autoimmune disease

Mogamulizumab has been re-evaluated for the BC Health Authorities Provincial Hazardous Drug List.

Revised Documents

Apalutamide Monograph

Supply and Storage: added new 240 mg tablet

Supply and Storage (Additional information): added preparation instructions for alternative methods of administration (for patients who have trouble swallowing whole tablets)

Durvalumab Chemotherapy Preparation and Stability Chart

Product Stability column: updated with extended fridge stability

Lenvatinib Monograph and Patient Handout

Cautions: added osteonecrosis of the jaw and warnings about hepatic impairment to bullets

Special Populations: added hepatic encephalopathy to list of side effects more likely to occur in patients over 75 years of age

Side Effects (table): updated emetogenic potential to align with BC Cancer protocols; updated incidence of vomiting; added impaired wound healing and osteonecrosis of the jaw

Dosage Guidelines: added new protocols GILEN, GOENDAVPL, GOENDAVPL6, GUAVPEML, GUAVPEML6, and HNOTLEN and updated dosage in hepatic failure

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Patient Handout: updated current template language throughout; updated nausea and diarrhea (Side Effects table) as per revised template; added osteonecrosis of the jaw to the Side Effects table

Mogamulizumab Chemotherapy Preparation and Stability Chart

Chemotherapy Preparation and Stability Chart: added marketed supply and deleted SAP supply

Teclistamab Interim Monograph and Chemotherapy Preparation and Stability Chart

Supply and Storage: deleted SAP supply

Chemotherapy Preparation and Stability Chart: added marketed supply and deleted SAP supply

Hepatitis B Prophylaxis has been updated in the following monographs:

Acalabrutinib

Bosutinib

Daratumumab

Dasatinib

Everolimus

Ibrutinib

Imatinib

Melphalan

Tocilizumab

Zanubrutinib

CDM Acknowledgements

The Cancer Drug Manual Editor, Nadine Badry (BC Cancer – Victoria), and CDM Writer, Amy Lim (BC Cancer – Abbotsford), would like to acknowledge the contributions of the CDM Editorial Review Board and expert reviewers for the year 2023. Thank you for your ongoing support of the CDM and for generously sharing your time and expertise throughout the year.

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Continuing Education

Family Practice Oncology Network Continuing Medical Education

The Family Practice Oncology Network (FPON) is pleased to announce a complimentary accredited webinar session on 'Colorectal Cancer Current Screening Recommendations and Follow-Up Care' on **Thursday, 18 January, from 8 am to 9 am**, as part of the ongoing Complimentary Accredited Webinar Series. This session will cover:

- Risk factors for the development of colon cancer and their impact on screening strategy;
- Current colon screening and surveillance recommendations;
- Follow-up recommendations post-colorectal cancer treatment.

This session is offered at **no charge** and is accredited at up to 1.0 Mainpro+ credits. For more information and links to registration, visit the FPON Continuing Medical Education site at fpon.ca or fpon.ca or fpon.ca or https://ubccpd.ca/learn/learning-activities/course?eventtemplate=661-fpon-webinar-colorectal-cancer-current-screening-recommendations-and-followup-care

Benefit Drug List

New Programs

Effective 01 January 2024, the following new treatment programs have been added to the BC Cancer Benefit Drug List:

Protocol Title	Protocol Code	Benefit Status
Treatment of Metastatic Breast Cancer using Pembrolizumab	BRAVPEM	Class I
Treatment of Metastatic Breast Cancer using 6-Weekly Pembrolizumab	BRAVPEM6	Class I

List of 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	PPPO	Handout
BRAVPEM	Treatment of Metastatic Breast Cancer using Pembrolizumab	$\overline{\checkmark}$	I	
BRAVPEM6	Treatment of Metastatic Breast Cancer using 6- Weekly Pembrolizumab		$\overline{\checkmark}$	

REVISED Protocols, PPPOs and Patient Handouts (revisions in respective columns)				
Code	Protocol Title	Protocol	PPPO	Handout
BR Breast				
UBRAJOLA	Treatment of BRCA-Mutated High-Risk Early Breast Cancer using Olaparib	Eligibility & tests updated		
BRAJPEM	Adjuvant Treatment of Resected Triple Negative Breast Cancer using Pembrolizumab	Eligibility & premedications updated	Tests & language in return labs updated	
BRAJPN	Alternative Adjuvant Therapy for Breast Cancer using PACLitaxel NAB (ABRAXANE)	Bilirubin, ALT, creatinine added to routine labs, physician and phone numbers updated	Bilirubin, ALT, creatinine added to routine labs; Bilirubin, ALT added to Pre-chemo metrics	
BRAJPNCT	Alternative Neoadjuvant or Adjuvant Therapy for Breast Cancer using PACLitaxel NAB (ABRAXANE), CARBOplatin and Trastuzumab	Bilirubin, ALT added to routine labs, physician and phone numbers updated	Bilirubin, ALT added to routine labs and Pre-chemo metrics	
BRAJPNT	Alternative Adjuvant Therapy for Breast Cancer using PACLitaxel NAB (ABRAXANE) and Trastuzumab	Bilirubin, ALT, creatinine added to routine labs, physician and phone numbers updated	Bilirubin, ALT, creatinine added to routine labs; Bilirubin, ALT added to Pre-chemo metrics	

REVISED Protocols, PPPOs and Patient Handouts (revisions in respective columns)				
Code	Protocol Title	Protocol	PPPO	Handout
BRAVABR	Palliative Therapy for Metastatic Breast Cancer using PACLitaxel NAB (ABRAXANE)	Bilirubin, ALT, creatinine added to routine labs, physician and phone numbers updated	Bilirubin, ALT, creatinine added to routine labs; Bilirubin, ALT added to Pre-chemo metrics	
BRAVPGC	Palliative Therapy for Metastatic Breast Cancer using Pembrolizumab, Gemcitabine, and CARBOplatin	Eligibility, premedications & treatment updated		
BRAVPP	Palliative Therapy for Metastatic Breast Cancer using Pembrolizumab with PACLitaxel	Eligibility, premedications & treatment updated		
BRAVPPN	Palliative Therapy for Metastatic Breast Cancer using Pembrolizumab and PACLitaxel NAB (ABRAXANE)	Eligibility, premedications & treatment updated		
BRAVSG	Palliative Therapy for Metastatic Triple Negative Breast Cancer using Sacituzumab Govitecan	Eligibility & tests updated		
BRLACPNAC	Alternative NEOAdjuvant Therapy for Triple Negative Breast Cancer using CARBOplatin and PACLitaxel NAB (ABRAXANE) Followed by DOXOrubicin and Cyclophosphamide	Eligibility, tests, premedications & dose modifications updated		
BRLACPNACG	Alternative NEOAdjuvant Therapy for Triple Negative Breast Cancer using Dose Dense Therapy: CARBOplatin and PACLitaxel NAB (ABRAXANE) Followed by DOXOrubicin and Cyclophosphamide	Eligibility, tests, premedications & dose modifications updated		
BRLACTWAC	NEOAdjuvant Therapy for Triple Negative Breast Cancer using Carboplatin and Weekly PACLitaxel Followed by DOXOrubicin and Cyclophosphamide	Title, eligibility & tests updated		
BRLACTWACG	NEOAdjuvant Therapy for Triple Negative Breast Cancer using Dose Dense Therapy: Carboplatin and Weekly PACLitaxel Followed by DOXOrubicin and Cyclophosphamide	Eligibility & tests updated		
BRLAPNAC	Alternative NEOAdjuvant Therapy for Locally Advanced Breast Cancer using PACLitaxel NAB (ABRAXANE) followed by DOXOrubicin and Cyclophosphamide	Bilirubin, ALT, creatinine added to routine labs for paclitaxel NAB, physician and phone numbers updated	Bilirubin, ALT, creatinine added to routine labs cycles 1 to 4; Bilirubin, ALT added to Pre-chemo metrics for paclitaxel NAB	

REVISED Protocols, PPPOs and Patient Handouts (revisions in respective columns)					
Code	Protocol Title	Protocol	PPPO	Handout	
BRLAPNACG	Alternative NEOAdjuvant Therapy for Breast Cancer using Dose Dense Therapy: PACLitaxel NAB (ABRAXANE) followed by DOXOrubicin and Cyclophosphamide	Bilirubin, ALT, creatinine added to routine labs for paclitaxel NAB, physician and phone numbers updated	Bilirubin, ALT, creatinine added to routine labs cycles 1 to 4; Bilirubin, ALT added to Pre-chemo metrics for paclitaxel NAB		
BRPCTAC	NEOAdjuvant Therapy for Triple Negative Breast Cancer using Pembrolizumab with CARBOplatin and Weekly PACLitaxel Followed by DOXOrubicin and Cyclophosphamide	Eligibility & tests updated			
BRPCWTAC	NEOAdjuvant Therapy for Triple Negative Breast Cancer using Pembrolizumab, Weekly CARBOplatin and Weekly PACLitaxel, Followed by DOXOrubicin and Cyclophosphamide	Eligibility & tests updated			
GI Gastrointe	GI Gastrointestinal				
GIPGEMABR	First Line Treatment of Locally Advanced and Metastatic Pancreatic Cancer with PACLitaxel NAB (ABRAXANE) and Gemcitabine		Pre-chemo metrics updated		
LK Leukemia					
ULKAMLAVEN	Therapy of Acute Myeloid Leukemia using azaCITIDine and Venetoclax	Remission clarified in Dose Modifications	Remission clarified, time of pre-metrics changed from 24 to 96 hours		

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 Nurse Educators	604-877-6275 250-519-5500 x 693742 250-712-3900 x 686820 604-877-6000 x 672638	druginfo@bccancer.bc.ca nbadry@bccancer.bc.ca rxchemocert@bccancer.bc.ca nursinged@bccancer.bc.ca		
CAP – Compassionate Access Program	604-877-6277	cap_bcca@bccancer.bc.ca 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 Program	604-877-6000 x 672247 604-877-6000 x 672623 604-877-6000 x 672247	mlin@bccancer.bc.ca BCCancerPPNAdmin@ehcnet.phsa.ca mlin@bccancer.bc.ca		
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Community Oncology Network (CON) sites: To update your contact information, please contact: <u>bulletin@bccancer.bc.ca</u>				

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