

# **Systemic Therapy Update**

Volume 26 Issue 1 January 2023

# For Health Professionals Who Care for People with Cancer

#### **Inside This Issue**

#### **Editor's Choice: New Programs**

**BRAJPNCT:** Alternative Neoadjuvant or Adjuvant Therapy for Breast Cancer using PACLitaxel NAB (ABRAXANE), CARBOplatin and Trastuzumab

**BRLACPNAC:** Alternative NEOAdjuvant Therapy for Triple Negative Breast Cancer using CARBOplatin and PACLitaxel NAB (ABRAXANE) Followed by DOXOrubicin and Cyclophosphamide

**BRLACPNACG:** Alternative NEOAdjuvant Therapy for Triple Negative Breast Cancer using Dose Dense Therapy: CARBOplatin and PACLitaxel NAB (ABRAXANE) Followed by DOXOrubicin and Cyclophosphamide

**BRLAPNAC:** Alternative NEOAdjuvant Therapy for Locally Advanced Breast Cancer using PACLitaxel NAB (ABRAXANE) followed by DOXOrubicin and Cyclophosphamide **BRLAPNACG:** Alternative NEOAdjuvant Therapy for Breast Cancer using Dose Dense Therapy: PACLitaxel NAB (ABRAXANE) followed by DOXOrubicin and Cyclophosphamide

#### **Provincial Systemic Therapy Policies**

III-200 Remote Ordering of Systemic Therapy during COVID-19 Pandemic, III-40 Systemic Therapy Treatments, III-130 Accessing Non-Benefit Cancer Drugs, III-50 Intrathecal Labelling Procedure

#### Cancer Drug Manual<sup>©</sup>

**Revised** Docetaxel, Pamidronate, Pemetrexed | CDM Editorial Board Changes | Acknowledgment of CDM Editorial Board and Expert Reviewers

#### **BC Cancer Benefit Drug List**

**New** BRAJPNCT, BRLACPNAC, BRLACPNACG, BRLAPNAC, BRLAPNACG

#### New Protocols, PPPOs and Patient Handouts

**BR** BRAJPNCT, BRLACPNAC, BRLACPNACG, BRLAPNAC, BRLAPNACG

#### **Revised Protocols, PPPOs and Patient Handouts**

**BR** BRAJACT, BRAJACTG, BRAJACTT, BRAJACTTG, BRAJACTW, BRAJFECD, BRAJFECDT, BRAJTDC, BRAJTTW, BRLAACD, BRLAACDT, BRLATACG, BRLATWAC, BRLACTWAC, BRLACTWACG, BRAJDCARBT, BRAVGEMP, BRAVPAM | **GU** GUPAZO, GUPLHRH, GUPLHRHA, GUPNSAA| **LY** LYBRENTUX, LYCTCLBV | **SC** SCPAINLI

#### **Resources and Contact Information**

### **Editor's Choice**

#### **New Programs**

BC Cancer Provincial Systemic Therapy has approved the following new treatment program effective 1 January 2023. Full details of all treatment programs are available in the <u>Chemotherapy Protocols</u> section of the BC Cancer website.

#### <u>Breast</u>

Paclitaxel NAB as Alternative Neoadjuvant or Adjuvant Therapy for Breast Cancer (BRAJPNCT, BRLACPNAC, BRLACPNACG, BRLAPNAC, BRLAPNACG) — The BC Cancer Breast Tumour Group is implementing several more paclitaxel NAB protocols in the neoadjuvant or adjuvant setting for patients with previous severe hypersensitivity reaction (HSR) or anaphylaxis to paclitaxel or docetaxel that is not manageable despite using premedications. This is a continuation of the implementation started in October 2022 (please refer to this issue of Systemic Therapy for more details).

### Editor's Choice

#### **New Programs**

Patients with previous moderate HSR that cannot be managed with premedications due to a strong contraindication to high-dose steroids may also receive paclitaxel NAB. Although premedication with steroid, antihistamine and H2-receptor antagonist is not required with paclitaxel NAB, dexamethasone may still be needed as antiemetics for other concurrent agents (e.g., carboplatin). Paclitaxel NAB is repeated 3-weekly to complete the total number of cycles in the original paclitaxel or docetaxel protocol.

Clinicians are reminded to thoroughly review previous treatment exposure due to likelihood of mismatching the cycle vs. the actual dose number for affected regimens.

### **Provincial Systemic Therapy Policies**

#### **PRACTICE CHANGES:**

**III-200 Remote Ordering of Systemic Therapy during COVID-19 Pandemic**: Effective 1 January 2023, physicians will be required to destroy the original pre-printed orders (PPOs) and they no longer need to bring the original PPOs to their regional centre. An Information Bulletin will also be shared widely through the regional and medical leadership.

#### **DOCUMENT AMALGAMATIONS :**

**III-40 Systemic Therapy Treatments**: Information from the III-130 Policy (see below) has been incorporated into the III-40 Policy.

**III-130 Accessing Non-Benefit Cancer Drugs**: This policy is archived effective 1 Jan 2023 as the information has been incorporate into the III-40 Policy (see above).

**III-50 Intrathecal Labelling Procedure**: The intrathecal policy and procedure have been combined into a single procedure document.

#### **OTHER UPDATES:**

High Alert Medications: This policy has been updated with the followings:

- Updated links
- Moved appendices from BC Cancer website location to policy document
- Appendix E: Calcium chloride 10 %-- Removed "Emergency Cart (Abbotsford): Supplied by Abbotsford Regional Hospital"
  Appendix E: Added alteratives IV to extensible active active to the second se

Appendix F: Added alteplase IV to automatic dispensing cabinet IDC alert

### Cancer Drug Manual<sup>©</sup>

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

#### **Revised Documents**

#### **Docetaxel Patient Handout**

*Side Effects*: revised acetaminophen dosing information in *Nail Changes* to include max daily dose; updated *nausea/vomiting* and *diarrhea* to include new messaging about dehydration; updated *numbness and tingling* to include new management for peripheral neuropathy; updated template wording throughout

#### Pamidronate Monograph

Supply and Storage: added current brands and deleted outdated information Parenteral Administration table: updated Intermittent Infusion to include information about 1 h infusions in patients with renal failure (to align with current practice in protocols) Dosage Guidelines: updated dosage in renal and hepatic failure

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

*Vial stability:* updated to include room temperature storage *Product stability:* updated to include room temperature storage

On behalf of the Cancer Drug Manual writing team, I would like to acknowledge the many contributions of the CDM Editorial Review Board and our expert reviewers for the year 2022. Thank you all for your ongoing support of the CDM and for generously sharing your time and expertise throughout the year.

Nurses	Pharmacists
Megan Crosby, BC Cancer- Prince George, Provincial Professional Practice Nursing Michelle LaFreniere, BC Cancer – Victoria, Provincial Professional Practice Nursing	Alysha Bharmal, BC Cancer - Surrey Anne Dar Santos, BC Cancer - Provincial Pharmacy Jennifer Kendrick, BC Children's Hospital Khushminder Rai, BC Cancer - Surrey Jennifer Suess, BC Cancer - Abbotsford
	Megan Crosby, BC Cancer- Prince George, Provincial Professional Practice Nursing Michelle LaFreniere, BC Cancer – Victoria, Provincial Professional

#### Kevin Song, BC Cancer - Vancouver

Nurses Megan Crosby, BC Cancer - Prince George, Provincial Professional Practice Nursing Michelle LaFreniere, BC Cancer – Victoria, Provincial Professional Practice Nursing Pharmacists

Winnie Cheng, BC Cancer, BC Cancer - Provincial Pharmacy Megan Darbyshire, BC Cancer - Provincial Pharmacy

# Cancer Drug Manual<sup>©</sup>

Jennifer Kendrick, BC Children's Hospital Katherine Lacaria, Vancouver General Hospital Carmen Mountford, Vancouver General Hospital Tanya Leduc, BC Cancer - Victoria Louisa Pang, BC Cancer - Vancouver Khushminder Rai, BC Cancer - Surrey Robert Tillmanns, BC Cancer - Abbotsford **Other** 

Devon Poznanski, BC Cancer - Vancouver (Provincial Patient and Family Education)

# BC Cancer Benefit Drug List

**New Programs** 

The following treatment programs have been added to the **<u>Benefit Drug List</u>** effective 01 January 2023:

Protocol Title	Protocol Code	Benefit Status
Alternative Neoadjuvant or Adjuvant Therapy for Breast Cancer using PACLitaxel NAB (ABRAXANE), CARBOplatin and Trastuzumab	BRAJPNCT	Class I
Alternative NEOAdjuvant Therapy for Triple Negative Breast Cancer using CARBOplatin and PACLitaxel NAB (ABRAXANE) Followed by DOXOrubicin and Cyclophosphamide	BRLACPNAC	Class I
Alternative NEOAdjuvant Therapy for Triple Negative Breast Cancer using Dose Dense Therapy: CARBOplatin and PACLitaxel NAB (ABRAXANE) Followed by DOXOrubicin and Cyclophosphamide	BRLACPNACG	Class I
Alternative NEOAdjuvant Therapy for Locally Advanced Breast Cancer using PACLitaxel NAB (ABRAXANE) followed by DOXOrubicin and Cyclophosphamide	BRLAPNAC	Class I
Alternative NEOAdjuvant Therapy for Breast Cancer using Dose Dense Therapy: PACLitaxel NAB (ABRAXANE) followed by DOXOrubicin and Cyclophosphamide	BRLAPNACG	Class I

### Highlights of New & Revised Protocols, PPPOs 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 (CAP) approval are prefixed with the letter **U**.

NEW Protocols, PPPOs and Patient Handouts (new documents checked 🗹)				
Protocol Code	Protocol Title	Protocol	РРРО	Handout
BRAJPNCT	Alternative Neoadjuvant or Adjuvant Therapy for Breast Cancer using PACLitaxel NAB (ABRAXANE), CARBOplatin and Trastuzumab	V	V	V
BRLACPNAC	Alternative NEOAdjuvant Therapy for Triple Negative Breast Cancer using CARBOplatin and PACLitaxel NAB (ABRAXANE) Followed by DOXOrubicin and Cyclophosphamide	V	V	V
BRLACPNACG	Alternative NEOAdjuvant Therapy for Triple Negative Breast Cancer using Dose Dense Therapy: CARBOplatin and PACLitaxel NAB (ABRAXANE) Followed by DOXOrubicin and Cyclophosphamide	V	V	V
BRLAPNAC	Alternative NEOAdjuvant Therapy for Locally Advanced Breast Cancer using PACLitaxel NAB followed by DOXOrubicin and Cyclophosphamide	V	V	V
BRLAPNACG	Alternative NEOAdjuvant Therapy for Breast Cancer using Dose Dense Therapy: PACLitaxel NAB followed by DOXOrubicin and Cyclophosphamide	V	V	V

<b>REVISED Protocols, PPPOs and Patient Handouts</b> (revisions in respective columns)				s)
Protocol Code	Protocol Title	Protocol	РРРО	Handout
BR   Breast				
BRAJACT	Neoadjuvant or Adjuvant Therapy for Breast Cancer using DOXOrubicin and Cyclophosphamide followed by PACLitaxel	Precautions updated	-	-
BRAJACTG	Neoadjuvant or Adjuvant Therapy for Breast Cancer using Dose Dense Therapy: DOXOrubicin and Cyclophosphamide followed by PACLitaxel	Precautions updated	-	-
BRAJACTT	Neoadjuvant or Adjuvant Therapy for Breast Cancer using DOXOrubicin and Cyclophosphamide followed by PACLitaxel and Trastuzumab	Precautions updated	-	-

Protocol Code	Protocol Title	Protocol	РРРО	Handout
BRAJACTTG	Neoadjuvant or Adjuvant Therapy for Breast Cancer Using Dose Dense Therapy: DOXOrubicin and Cyclophosphamide Followed by PACLitaxel and Trastuzumab	Precautions updated	-	-
BRAJACTW	Neoadjuvant or Adjuvant Therapy for Early Breast Cancer Using DOXOrubicin and Cyclophosphamide followed by Weekly PACLitaxel	Precautions updated	-	-
BRAJDCARBT	Neoadjuvant or Adjuvant Therapy for Breast Cancer Using DOCEtaxel, CARBOplatin, and Trastuzumab	premedications and precautions updated	premedicactions updated	-
BRAJFECD	Neoadjuvant or Adjuvant Therapy for Breast Cancer Using Fluorouracil, Epirubicin, Cyclophosphamide and DOCEtaxel	Precautions updated	-	-
BRAJFECDT	Neoadjuvant or Adjuvant Therapy for Breast Cancer Using Fluorouracil, Epirubicin and Cyclophosphamide Followed by DOCEtaxel and Trastuzumab	Precautions updated	-	-
BRAJTDC	Neoadjuvant or Adjuvant Therapy for Breast Cancer Using Trastuzumab, DOCEtaxel and Cyclophosphamide	Precautions updated	-	-
BRAJTTW	Adjuvant Therapy for Breast Cancer using Weekly PACLitaxel and Trastuzumab	Precautions updated	-	-
BRAVGEMP	Palliative Therapy for Metastatic Breast Cancer using CISplatin and Gemcitabine	premedications updated	premedicactions updated	-
BRAVPAM	Prevention of Skeletal Related Events Secondary to Breast Cancer Metastases Using Pamidronate	Tests revised	Prechemo metrics removed	-
BRLAACD	Treatment of Locally Advanced Breast Cancer using Doxorubicin and Cyclophosphamide followed by DOCEtaxel	Precautions updated	-	-
BRLAACDT	Treatment of Locally Advanced Breast Cancer using DOXOrubicin and Cyclophosphamide followed by DOCEtaxel and Trastuzumab	Precautions updated	-	-
BRLACTWAC	NEOAdjuvant Therapy for Triple Negative Breast Cancer Using Carboplatin and Weekly PACLitaxel Followed by DOXOrubicin and Cyclophosphamide	premedications and precautions updated	premedicactions updated	-
BRLACTWACG	NEOAdjuvant Therapy for Triple Negative Breast Cancer using Dose Dense Therapy: Carboplatin and Weekly PACLitaxel Followed by DOXOrubicin and Cyclophosphamide	premedications and precautions updated	premedicactions updated	-
BRLATACG	NEOAdjuvant Therapy for Breast Cancer using Dose Dense Therapy: PACLitaxel followed by DOXOrubicin and Cyclophosphamide	precautions updated	-	-

<b>REVISED Protocols, PPPOs and Patient Handouts</b> (revisions in respective columns)				s)
Protocol Code	Protocol Title	Protocol	РРРО	Handout
BRLATWAC	NEOAdjuvant Therapy for Locally Advanced Breast Cancer using Weekly PACLitaxel followed by DOXOrubicin and Cyclophosphamide	precautions updated	-	-
GU   Genitouri	nary			
GUPAZO	Palliative Therapy for Renal Cell Carcinoma Using PAZOpanib	eligibility updated	-	-
GUPLHRH	Therapy for Prostate Cancer using LHRH Agonist (Goserelin, Leuprolide or Buserelin)	eligibility updated, tests added	tests updated (pending TG approval)	-
GUPLHRHA	Therapy for Advanced Prostate Cancer Using LHRH Antagonist Degarelix	institution name updated, tests added	institution name and tests updated	-
GUPNSAA	Non-Steroidal Treatment of Prostate Cancer	eligibility, tests, precautions, and contact updated	tests updated	-
LY   Lymphom	a			
LYBRENTUX	Treatment of Hodgkin Lymphoma and Anaplastic Large Cell Lymphoma with Brentuximab Vedotin	eligibility, exclusions and contact updated	-	-
LYCTCLBV	Treatment of Cutaneous T-Cell Lymphoma (CTCL) with Brentuximab Vedotin	eligibility revised	-	-
SC   Supportive	SC   Supportive Care			
SCPAINLI	Extreme Pain Therapy Using Parenteral Lidocaine	dosing clarified, maximum dose removed	-	-

Resource	Phone	Email / Toll Free / Fax	
Systemic Therapy Update: www.bccancer.bc.ca/health-professionals/clinical-resources/systemic-therapy/systemic-therapy-update			
CST Bulletin: <u>http://www.bccancer.bc.ca/l</u>	nealth-professionals/clinical-r	esources/systemic-therapy/cst-bulletin	
Systemic Therapy Update Editor	604-877-6000 x 672649	bulletin@bccancer.bc.ca	
Oncology Drug Information	604-877-6275	druginfo@bccancer.bc.ca	
Cancer Drug Manual Editor	250-519-5500 x 693742	nbadry@bccancer.bc.ca	
Pharmacy Oncology Certification	250-712-3900 x 686820	rxchemocert@bccancer.bc.ca	
Nurse Educators	604-877-6000 x 672638	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	
Manufacturer Patient Assistance Program	s: <u>http://www.bccancer.bc.</u>	ca/mpap	
Library/Cancer Information	604-675-8003	requests@bccancer.bc.ca toll free 888-675-8001 x 800	
Library Document Delivery	604-675-8002	requests@bccancer.bc.ca	
Pharmacy Professional Practice	604-877-6000 x 672247	mlin@bccancer.bc.ca	
Professional Practice, Nursing	604-877-6000 x 672623	BCCancerPPNAdmin@ehcnet.phsa.ca	
Provincial Systemic Therapy	604-877-6000 x 672247	mlin@bccancer.bc.ca	
BC Cancer – Abbotsford	604-851-4710	toll free 877-547-3777	
BC Cancer – Kelowna	250-712-3900	toll free 888-563-7773	
BC Cancer – Prince George	250-645-7300	toll free 855-775-7300	
BC Cancer – Surrey	604-930-2098	toll free 800-523-2885	
BC Cancer – Vancouver	604-877-6000	toll free 800-663-3333	
BC Cancer – Victoria	250-519-5500	toll free 800-670-3322	

### **Resources and Contact Information**

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

# Editorial Review Board

Anne Dar Santos, BScPharm, PharmD (Editor) Fatima Ladha, BScPharm, PharmD (Assistant Editor) Mario de Lemos, PharmD, MSc(Oncol) Jeevan Dosanjh, RN, BScN Alina Gerrie, MD, MPH, FRCPC Samuel Hackett, RN, BScN, CON(C) Alison Pow, BScPharm