



# **CANCER CARE RESOURCE GEMS**

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# Disclosures

- Dr. Raziya Mia
  - None
- Dr. Sian Shuel
  - None

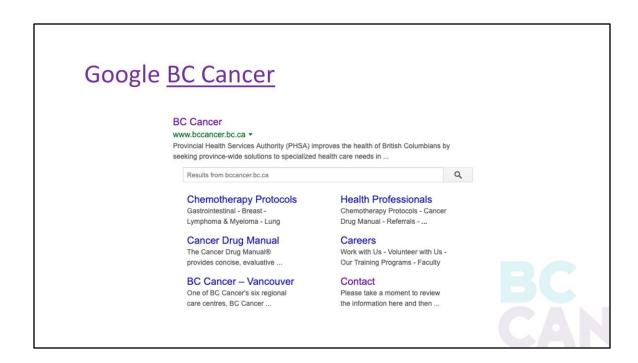


## **Learning Objectives**

Participants will be able to:

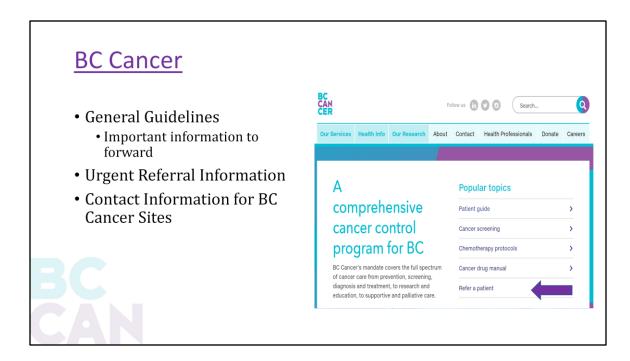
- Appreciate and identify the wealth of available physician resources for cancer care;
- Navigate the BC Cancer Website effectively from a physician's perspective; and
- Share these resources and tips with their medical colleagues.





BC Cancer Home Page: http://www.bccancer.bc.ca/

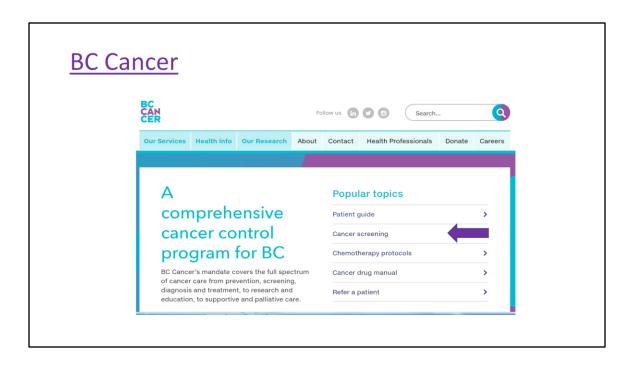
• On results page can link directly to Health Professionals, Chemotherapy Protocols, and Cancer Drug Manual.



BC Cancer Home Page: http://www.bccancer.bc.ca/

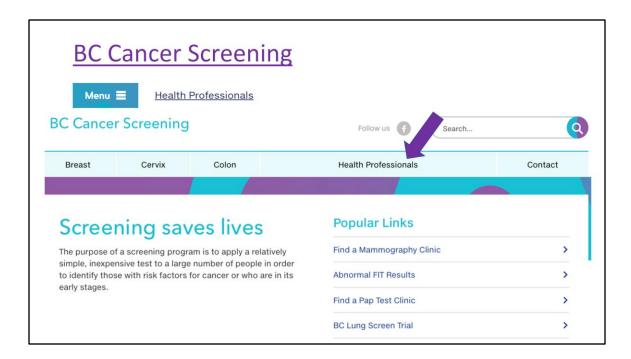
Patient Referral Information: <a href="http://www.bccancer.bc.ca/health-professionals/referrals">http://www.bccancer.bc.ca/health-professionals/referrals</a>

 Urgent contact information can be found for each Cancer Centre on referral form and under Urgent tab



BC Cancer Screening: http://www.bccancer.bc.ca/screening

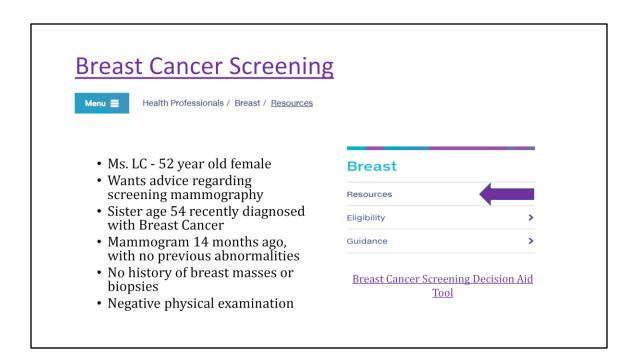
- Information on established screening programs Breast/Cervix/Colon
- Also on Screening for other cancers in BC: Lung/Oral/Prostate/Skin



BC Cancer Screening: http://www.bccancer.bc.ca/screening

Health Professionals/Screening: <a href="http://www.bccancer.bc.ca/screening/health-professionals">http://www.bccancer.bc.ca/screening/health-professionals</a>

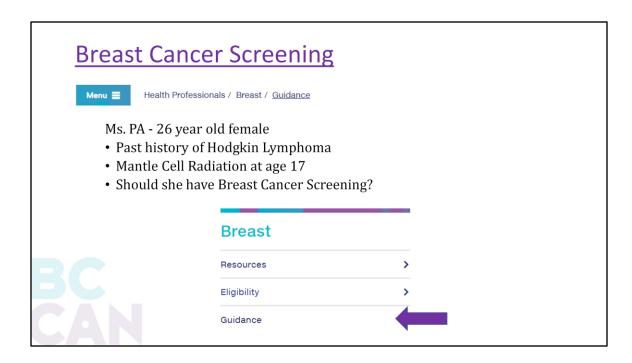
• Excellent Resource for the 3 major established screening programs



*Breast Resource:* <a href="http://www.bccancer.bc.ca/screening/health-professionals/breast/resources">http://www.bccancer.bc.ca/screening/health-professionals/breast/resources</a>

Breast Cancer Screening Decision Aid Tool: http://decisionaid.screeningbc.ca/

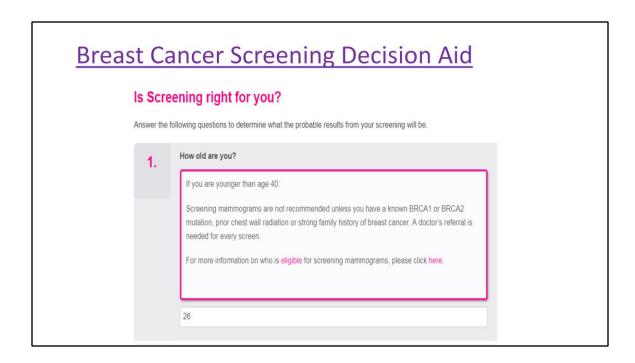
• Breast Cancer Screening Decision Aid Tool provides follow up Mammogram recommendations and statistical possible outcomes of next mammogram



Breast Cancer Screening Guidance: <a href="http://www.bccancer.bc.ca/screening/health-professionals/breast/guidance">http://www.bccancer.bc.ca/screening/health-professionals/breast/guidance</a>

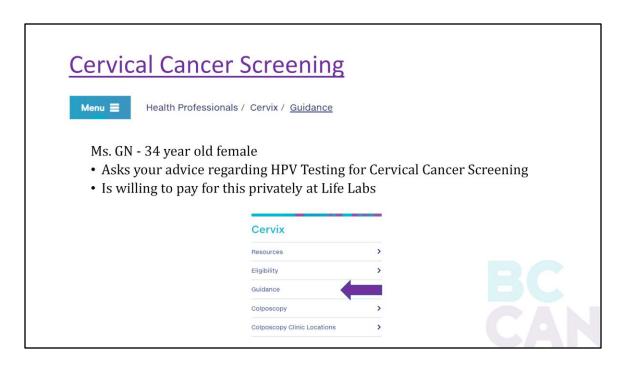
Scroll down for current guidelines following *Mantle field radiation treatment for Hodgkin lymphoma* 

- A known risk factor for secondary breast cancer.
- Estimated incidence approaches 35% by 40 years of age, starting 10 years after treatment.
- Annual breast magnetic resonance imaging (MRI) starting at age 30 or 10 years after radiation treatment until the age of 65.
- Annual screening mammogram starting at age 30 or 10 years after radiation treatment until the age of 74.



Breast Cancer Screening Decision Aid Tool: http://decisionaid.screeningbc.ca/

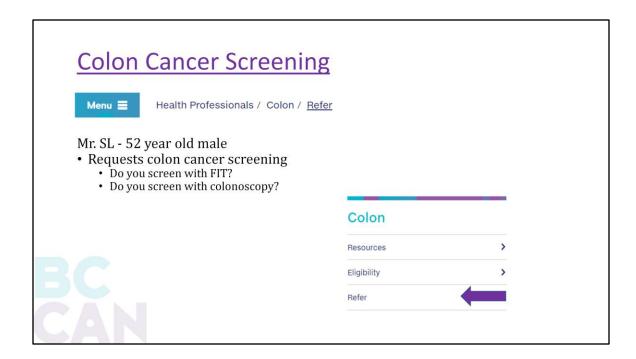
 For patients under 40, at Q2 screening guidelines for <40 years of age pops up, with links to eligibility



*Cervical Cancer Screening/Guidance:* <a href="http://www.bccancer.bc.ca/screening/health-professionals/cervix/guidance">http://www.bccancer.bc.ca/screening/health-professionals/cervix/guidance</a>

#### **HPV Testing Guidelines:**

- Scroll to Private Pay Primary HPV Testing Alogrithm
- Current BC cervix screening guidelines effectively prevent and detect cervical cancer
- Asymptomatic people with a cervix ages 25 to 69 living in BC; Pap q3years if at average risk of developing cervical cancer
- Screening is most effective when done regularly with coordinated follow-up; Currently BC Cancer Screening does not offer HPV screening
- HPV testing is not currently covered by MSP; Cost \$90/test
- Can detect transient HPV infections that will not cause pre-cancerous changes
- If Colposcopy recommended based on a cytology result, follow-up HPV testing not advised as result would not change the recommendation for colposcopy
- HPV testing has been approved for cervix screening and there are some jurisdictions who have introduced HPV testing as part of their cervix screening program
- In BC the Cervix Screening Program is exploring primary HPV screening for women ages 30 to 69 years old



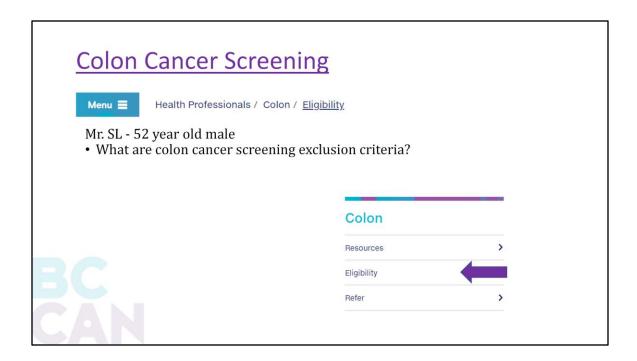
Colon Cancer Screening/Refer: <a href="http://www.bccancer.bc.ca/screening/health-professionals/colon/refer">http://www.bccancer.bc.ca/screening/health-professionals/colon/refer</a>

#### Average risk patients – fecal immunochemical test (FIT)

• Age 50-74, asymptomatic q2y using copy to 'BC Cancer Colon Screening' option.

Higher than average risk patients – screening colonoscopy using the Colonoscopy Referral Form to refer patients for screening colonoscopy.

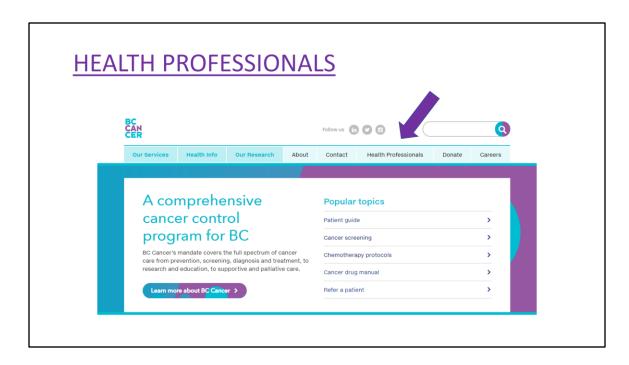
- One first degree relative diagnosed with colorectal cancer diagnosed under the age of 60; or,
- Two or more first degree relatives with colorectal cancer diagnosed at any age; or,
- A personal history of adenoma(s).



Colon Cancer Screening/ Eligibility: <a href="http://www.bccancer.bc.ca/screening/health-professionals/colon/eligibility">http://www.bccancer.bc.ca/screening/health-professionals/colon/eligibility</a>

Open Eligibility for Exclusion criteria

- Up to date with colon screening
  - FIT in the preceding 2 years
  - Colonoscopy or flexible sigmoidoscopy in the preceding 10 years for average risk patients
  - Colonoscopy in the preceding 5 years for higher than average risk patients
- Personal history of colorectal cancer, ulcerative colitis, or Crohn's disease
- Symptomatic should be referred for investigation and don't require FIT
- Individuals who are on a definite surveillance plan through a specialist



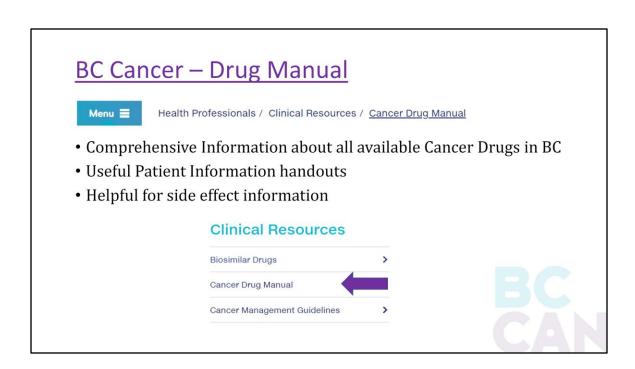
BC Cancer/Health Professionals: <a href="http://www.bccancer.bc.ca/health-professionals">http://www.bccancer.bc.ca/health-professionals</a>

Can also access Health Professionals directly on the Home Page

Menu Health Profe	essio	onals			
					_
Clinical Resources					
Biosimilar Drugs	>	Medical Cannabis	>	Pharmacy	
Cancer Drug Manual	>	Nursing	>	Prevention Programs	
Cancer Management Guidelines	>	Nutrition	>	Psychosocial Oncology	
Chemotherapy Protocols	>	Oral Cancer Prevention Program	>	Skin Cancer Atlas	
Hereditary Cancer	>	Pain & Symptom Management/Palliative	>	Survivorship & Primary Care	
Laboratory Services	>	Care		Systemic Therapy	
Late Effects, Assessment & Follow Up	>	PET Functional Imaging	>		

BC Cancer/Health Professionals: <a href="http://www.bccancer.bc.ca/health-professionals">http://www.bccancer.bc.ca/health-professionals</a>

Link to Health Professionals to find a wealth of information on many topics



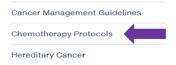
Cancer Drug Manual: <a href="http://www.bccancer.bc.ca/health-professionals/clinical-resources/cancer-drug-manual">http://www.bccancer.bc.ca/health-professionals/clinical-resources/cancer-drug-manual</a>

## BC Cancer – <u>Chemotherapy Protocols</u>



Health Professionals / Clinical Resources / Chemotherapy Protocols

- Quick link for GPO's who use these protocols regularly
- Also found on BC Cancer Search Page
- Useful for GPs if patients (or family members!) ask questions





Chemotherapy Protocols: <a href="http://www.bccancer.bc.ca/health-professionals/clinical-resources/chemotherapy-protocols">http://www.bccancer.bc.ca/health-professionals/clinical-resources/chemotherapy-protocols</a>

В	BC Cancer – <u>Hereditary Cancer</u>						
	Menu  Health Professionals / Clinical Resources / Hereditary Cancer						
	Hereditary Breast* and/or Ovarian** Cancer  * breast cancer includes DCIS (ductal carcinoma in situ) and excludes LCIS (lobular carcinoma in situ)  ** ovarian cancer refers to invasive non-mucinous epithelial ovarian cancer; includes cancer of the fallopian tubes, primary peritoneal cancer, and STIC (serous tubal intraepithelial carcinoma); excludes borderline/LMP ovarian tumours    personal history of breast* cancer diagnosed ≤ age 35   personal history of breast* cancer diagnosed ≤ age 50 AND no family history known due to adoption   personal history of "triple negative" (ER- PR- HER2-) breast cancer diagnosed ≤ age 60   personal history of male breast cancer   personal history of more than 1 primary breast* cancer diagnosis, at least 1 of which was diagnosed ≤ age 50   personal history of ovarian** cancer at any age (pathology report required)   personal history of both breast* and ovarian** cancer   personal history of breast or ovarian cancer and Ashkenazi Jewish heritage   family history that includes 1 or more of the following:						
	□ a close relative with personal history as above □ Ashkenazi Jewish heritage and 1 or more relatives with breast* cancer and/or ovarian** cancer □ 1 case of ovarian** cancer and 1 case of breast* cancer in close female relatives						
	<ul> <li>2 or more cases of ovarian** cancer in close relatives</li> <li>2 cases of breast* cancer in close female relatives, both diagnosed ≤ age 50</li> <li>3 or more cases of breast* cancer in close female relatives, with at least 1 diagnosed ≤ age 50</li> </ul>						

*Hereditary Cancer:* <a href="http://www.bccancer.bc.ca/health-professionals/clinical-resources/cancer-management-guidelines/hereditary-cancer">http://www.bccancer.bc.ca/health-professionals/clinical-resources/cancer-management-guidelines/hereditary-cancer</a>

Hereditary Cancer Program Referral Form: <a href="http://www.bccancer.bc.ca/coping-and-support-site/Documents/Hereditary%20Cancer%20Program/HCP\_Form-ReferralForm.pdf">http://www.bccancer.bc.ca/coping-and-support-site/Documents/Hereditary%20Cancer%20Program/HCP\_Form-ReferralForm.pdf</a>

 Eligibility Guidelines for Hereditary Breast and/or Ovarian Cancer listed on Referral Form

# BC Cancer — Hereditary Cancer Referral Download the Hereditary Cancer Program Referral form > Lynch Syndrome (also known as Hereditary Nonpolyposis Colorectal Cancer/HNPCC) personal history of colorectal cancer diagnosed ≤ age 40 personal history of colorectal cancer diagnosed ≤ age 50 AND no family history known due to adoption personal history of a Lynch syndrome¹ related cancer at any age with IHC-deficient/MSI-H result (report required) personal history of 2 Lynch syndrome¹ related cancer diagnoses, at least of which was diagnosed ≤ age 50 family history that includes: a close relative with personal history as above, OR 2 first degree relatives with a Lynch syndrome¹ related cancer, both diagnosed ≤ age 50, OR 3 or more Lynch syndrome¹ related cancers with at least 1 case diagnosed ≤ age 50 ¹Lynch syndrome related cancers include: colorectal, endometrial, ovarian, gastric, small bowel, hepatobiliary, pancreatic, kidney, ureter, brain tumours, sebaceous gland adenomas, or pathologically-confirmed colorectal adenoma ≤ age 40.

*Hereditary Cancer:* <a href="http://www.bccancer.bc.ca/health-professionals/clinical-resources/cancer-management-guidelines/hereditary-cancer">http://www.bccancer.bc.ca/health-professionals/clinical-resources/cancer-management-guidelines/hereditary-cancer</a>

Hereditary Cancer Program Referral Form: <a href="http://www.bccancer.bc.ca/coping-and-support-site/Documents/Hereditary%20Cancer%20Program/HCP">http://www.bccancer.bc.ca/coping-and-support-site/Documents/Hereditary%20Cancer%20Program/HCP</a> Form-ReferralForm.pdf

Eligibility Guidelines for Lynch Syndrome listed on Referral Form

#### LEAF (Late Effects Assessment and Follow-up) Clinic



Health Professionals / Clinical Resources / Late Effects, Assessment & Follow Up

- For Survivors of Childhood Cancer
- At Risk Population
- Long-Term Follow-Up Guidelines for Survivors of Childhood, Adolescent, and Young Adult Cancers

# BC CAN

#### **Accredited Learning Module**

To learn more about late effects, visit the Late Effects of Childhood Cancers accredited online CME module

LEAF (Late Effects Assessment and Follow-up) Clinic:

http://www.bccancer.bc.ca/health-professionals/clinical-resources/late-effects-assessment-follow-up

Long- Term Follow-Up Guidelines for Survivorship of Childhood, Adolescent, and Young Adult Cancers: <a href="http://www.survivorshipguidelines.org">http://www.survivorshipguidelines.org</a>

• Excellent Late Effects Guidelines for young Cancer Survivors

Late Effects of Childhood Cancers Accredited Learning Module: <a href="https://elearning.ubccpd.ca/login/index.php">https://elearning.ubccpd.ca/login/index.php</a>

UBC-CPD Module 0.75 Mainpro+ Credits

# <u>LEAF</u> (Late Effects Assessment and Follow-up) Clinic



Our Services / Services / Late Effects, Assessment & Follow-Up

Referral Information

#### Referrals

You do not need a referral for this clinic. Talk to your family doctor about attending the clinic or contact us directly.

Physicians: Please refer patients using the <u>Clinic referral form</u>.



LEAF (Late Effects Assessment and Follow-up) Clinic Referral Form: http://www.bccancer.bc.ca/leaf/Documents/LEAF Clinic Referral Form.pdf

BC Cancer — Cancer Management Guidelines  Menu  Health Professionals / Clinical Resources / Cancer Management Guidelines								
In this section								
	Cancer Management Guidelines							
	Breast Cancer	+						
	Gastrointestinal Cancer	+						
	Genitourinary Cancer	+						
	Gynecology	+						
	Head & Neck Cancer	+						
CAN								

BC Cancer – Cancer Management Guidelines: <a href="http://www.bccancer.bc.ca/health-professionals/clinical-resources/cancer-management-guidelines">http://www.bccancer.bc.ca/health-professionals/clinical-resources/cancer-management-guidelines</a>

Each tumor site has a comprehensive collection of Cancer Management Guidelines in various categories

#### BC Cancer – Breast Cancer Management Guidelines

Menu **≡** 

Health Professionals / Clinical Resources / Cancer Management Guidelines / Breast Cancer

#### **Breast Cancer**

- · Demographics and Risk Factors
- Prevention
- · Screening/Early Detection
- · Diagnosis
- Staging
- · Management
- · Survivorship Care



Example; BC Cancer — Breast Cancer Management Guidelines:

 $\frac{http://www.bccancer.bc.ca/health-professionals/clinical-resources/cancer-management-guidelines/breast}{}$ 

#### **Breast Cancer Management Guidelines**

- Menu 
  Health Professionals / Clinical Resources / Cancer Management Guidelines / Breast Cancer / Breast
- BC Cancer Breast Cancer Surveillance Guidelines
- View April 2018 FPON Webcast by BC Cancer's Dr. Simon Baxter



BC Cancer Breast Cancer Surveillance Guidelines: <a href="http://www.bccancer.bc.ca/health-professionals/clinical-resources/cancer-management-guidelines/breast/breast#7-Survivorship-Care">http://www.bccancer.bc.ca/health-professionals/clinical-resources/cancer-management-guidelines/breast/breast#7-Survivorship-Care</a> - \* need to copy and paste this URL to browser

April 2018 Breast Cancer Surveillance FPON Webcast by BC Cancer's Dr. Simon Baxter: <a href="https://bccancer.adobeconnect.com/pldfqecyjbx9/?proto=true">https://bccancer.adobeconnect.com/pldfqecyjbx9/?proto=true</a>



#### CFPC Breast Cancer Follow Up Guidelines:

https://www.cfpc.ca/uploadedFiles/Directories/Committees List/BCS-Tool-Eng-4-29-2019.pdf

#### **Colon Cancer Management Guidelines**

Menu 
Health Professionals / Clinical Resources / Cancer Management Guidelines / Gastrointestinal Cancer / Colon

- BC Cancer Colon Cancer Surveillance Guidelines
- View March 2019 FPON Webcast by BC Cancer's Dr. Howard Lim:



BC Cancer Colon Cancer Surveillance Guidelines: http://www.bccancer.bc.ca/healthprofessionals/clinical-resources/cancer-managementguidelines/gastrointestinal/colon

March 2018 Colon Cancer Surveillance FPON Webcast by BC Cancer's Dr. Howard Lim: https://bccancer.adobeconnect.com/pp9mdl22x6jd/

## **Canadian Cancer Society**



- Up to date Canadian Cancer Statistics
- Publications designed for patients but very useful for health professionals as an overview
- Revised as cancer care evolves

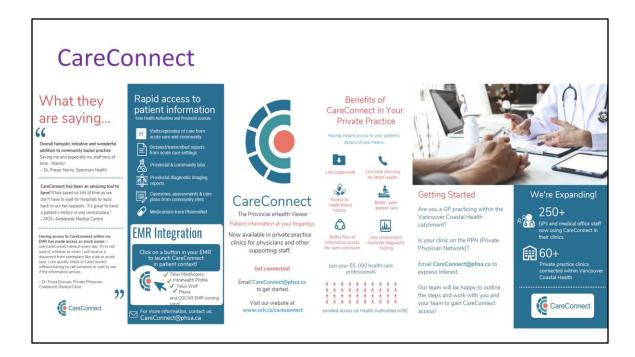
Canadian Cancer Society: <a href="http://www.cancer.ca/en/support-and-services/resources/publications/?region=bc">http://www.cancer.ca/en/support-and-services/resources/publications/?region=bc</a>

# The Price is Right!

- Free App for Oncology Practice for Smart Devices and Desktops
- ONCOASSIST https://oncoassist.com
  - · Adjuvant Tools
  - Prognostic Scores
  - Staging
  - Drug Interactions
  - Formulas
  - · Toxicity Grading
  - Drug Information
  - Immunotherapy Toxicity Tool



ONCOASSIST: <a href="https://oncoassist.com">https://oncoassist.com</a>



CareConnect Website: http://www.vch.ca/careconnect

- An amazing tool giving rapid access to patient information from Health Authorities and Provincial sources
  - Such as acute care reports
  - BC Cancer reports
  - Provincial and community lab
  - · Provincial diagnostic imaging
  - Pharmanet access

#### CareConnect

- Can be accessed from Host Health Authority computers across the province.
- Physicians in Private Clinics in the Vancouver Coastal Health region can request access
- Integrated into the 5 major EMRs
- E-mail to sign up: <a href="mailto:CareConnect@phsa.ca">CareConnect@phsa.ca</a>
- CareConnect Website: <u>www.vch.ca/careconnect</u>

CareConnect

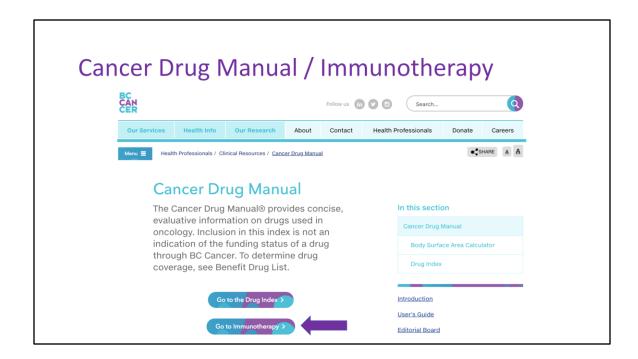
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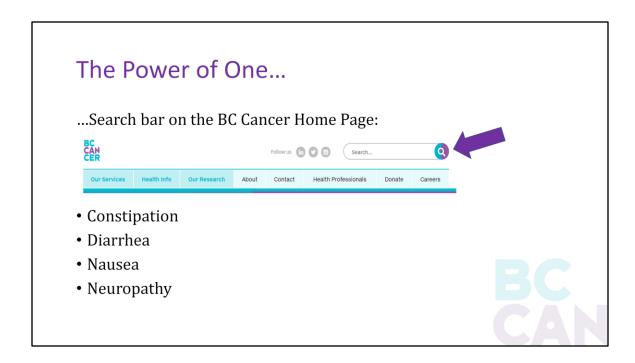
Skin Cancer Atlas: <a href="http://www.bccancer.bc.ca/health-professionals/clinical-resources/skin-cancer-atlas">http://www.bccancer.bc.ca/health-professionals/clinical-resources/skin-cancer-atlas</a>

- Skin lesions are common in family practice.
- The Skin Cancer Atlas is a resource to explore common skin cancers and precancers.
- Skin Cancer Prevention and Early Diagnosis courses are also available. Physicians can earn professional development credits.



Cancer Care Drug Manual/Immunotherapy: <a href="http://www.bccancer.bc.ca/health-professionals/clinical-resources/chemotherapy-protocols/immunotherapy">http://www.bccancer.bc.ca/health-professionals/clinical-resources/chemotherapy-protocols/immunotherapy</a>

• More and more patients are receiving immunotherapy.



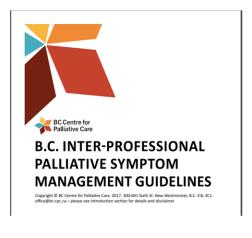
• Side effects and other topics can be found by using the search bar found on the BC Cancer Home Page: <a href="http://www.bccancer.bc.ca/">http://www.bccancer.bc.ca/</a>



Supportive Care/ Febrile Neutropenia Guideline: <a href="http://www.bccancer.bc.ca/health-professionals/clinical-resources/cancer-management-guidelines/supportive-care/febrile-neutropenia">http://www.bccancer.bc.ca/health-professionals/clinical-resources/cancer-management-guidelines/supportive-care/febrile-neutropenia</a>

- Supportive care has some useful links such as Febrile Neutropenia.
  - Important patient presentation to be mindful of as it can have life threatening consequences.

## **BC Centre for Palliative Care**

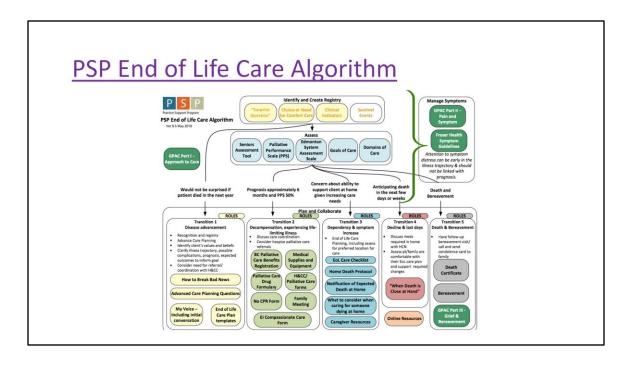


BC Centre for Palliative Care: <a href="https://www.bc-cpc.ca/cpc/wp-content/uploads/2019/03/BCPCClinicalBestPracticesInteractiveMarch2019.pdf">https://www.bc-cpc.ca/cpc/wp-content/uploads/2019/03/BCPCClinicalBestPracticesInteractiveMarch2019.pdf</a>

• Direct link to the BC Centre for Palliative Care's BC Inter-professional Palliative Symptom Management Guidelines'.

BC Centre for Palliative Care Palliative Care							
PAIN	DEHYDRATION						
FATIGUE	RESPIRATORY CONGESTION						
PRURITUS	DYSPNEA						
SEVERE BLEEDING	соидн						
CONSTIPATION	ніссоидня						
NAUSEA & VOMITING	TWITCHING/ MYOCLONUS/SEIZURES						
DYSPHAGIA	DELIRIUM						
ANOREXIA	OTHER SYMPTOMS						

BC Centre for Palliative Care: <a href="https://www.bc-cpc.ca/cpc/wp-content/uploads/2019/03/BCPCClinicalBestPracticesInteractiveMarch2019.pdf">https://www.bc-cpc.ca/cpc/wp-content/uploads/2019/03/BCPCClinicalBestPracticesInteractiveMarch2019.pdf</a>



- Practice Support Program's End of Life Care Algorithm has great links to help with an approach at various stages of the disease trajectory from early identification to death and bereavement.
- It also provides practical links for resources such as a fillable copy of the 'BC Palliative Benefits Form' and a list of medications that PharmaCare covers under the 'Palliative Care Drug Formulary'.

#### PSP End of Life Care Algorithm:

https://www.pspexchangebc.ca/pluginfile.php/2416/mod resource/content/1/00.0 EOL End of Life Algorithm v8.5.pdf

# BC Cancer's Family Practice Oncology Network

**Useful Information and Content** 

- · About the Primary Care Program
- Cancer Care Education Opportunities
  - Recorded Webcasts
  - Family Practice Oncology Network Journals
  - Conference Information
  - GPO Education Information



BC Cancer's Family Practice Oncology Network: http://www.fpon.ca/

Recorded Webcasts: <a href="http://www.bccancer.bc.ca/health-professionals/networks/family-practice-oncology-network/continuing-medical-education">http://www.bccancer.bc.ca/health-professionals/networks/family-practice-oncology-network/continuing-medical-education</a>

Family Practice Oncology Network Journals: <a href="http://www.bccancer.bc.ca/health-professionals/networks/family-practice-oncology-network/journal-of-family-practice-oncology">http://www.bccancer.bc.ca/health-professionals/networks/family-practice-oncology-network/journal-of-family-practice-oncology</a>

Conference Information: <a href="http://www.bccancer.bc.ca/health-professionals/networks/family-practice-oncology-network">http://www.bccancer.bc.ca/health-professionals/networks/family-practice-oncology-network</a>

GPO Education Information: <a href="http://www.bccancer.bc.ca/health-professionals/networks/family-practice-oncology-network/general-practitioner-in-oncology-education-program">http://www.bccancer.bc.ca/health-professionals/networks/family-practice-oncology-network/general-practitioner-in-oncology-education-program</a>

