

# Hereditary Cancer Update

## Mainstream Testing – Who, How, When to Test

Sophie Sun and Kasmintan Schrader

BC Cancer Hereditary Cancer Program Co-Medical Directors

Sept 19 2024

*We acknowledge with gratitude, that we are gathered on the traditional, ancestral and unceded territories of the Coast Salish peoples from the x<sup>w</sup>məθk<sup>w</sup>əy'əm (Musqueam), Sk̓wx̓wú7mesh Úxwumixw (Squamish), and səlílw'ətaʔ (Tsleil-Waututh) First Nations who have nurtured and cared for the lands and waters around us for all time. We give thanks for the opportunity to live, work and support care here*

# Disclosures

## Sophie Sun

Consultant role – AstraZeneca, Bristol-Myers Squibb, Roche

## Kasmintan Schrader

Consultant role - AstraZeneca, Precision RxDx

Research funding from AstraZeneca and Merck

Medical Advisor relationship and individual stocks and stock options with Genetics Adviser

Co-Inventor on patent application for parent-of-origin determination methodology held by PHSA

# Hereditary Cancer Program (HCP)

## Reduce the morbidity and mortality from hereditary cancer syndromes

- Identify people with hereditary cancer syndromes
- Cancer risk assessment
- Provide screening and prevention recommendations
- Information to guide cancer treatment decisions
- Identify resources and supports

Genetic Counselling  
& Genetic Testing

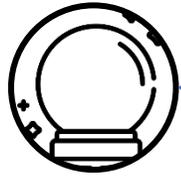
High Risk Clinic

Hereditary Cancer  
Follow-Up Initiative

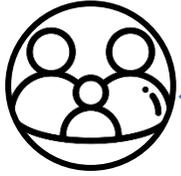
# Why Test?



TREATMENT



FUTURE CANCER RISK



FAMILY – PREVENT CANCER

# How to test?



REFER TO HCP



“MAINSTREAM”

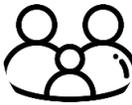


PATIENT PAY

# The Hereditary Cancer Program (HCP)



Cancer Risk Assessment



Screening and Prevention



Information to Guide Treatment



Advocacy and Support



Learn More

# Hereditary Cancer Program (HCP)

## BC Cancer - Screening & Prevention

### Staff on site:

- Vancouver
- Abbotsford
- Victoria

### Services Provided:

- Telephone
- Virtual Health
- Small # In-Person

### Team:

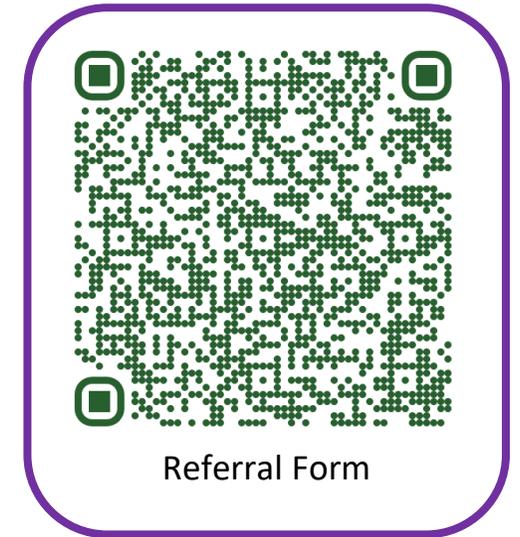
- Medical Geneticists
- Medical/Surgical Oncologists
- Genetic Counsellors
- Genetic Counselling Assistants
- Nurse Navigators
- Nurse Practitioners
- Clerical Staff
- Research Staff
- Operations Staff



# Referrals to HCP

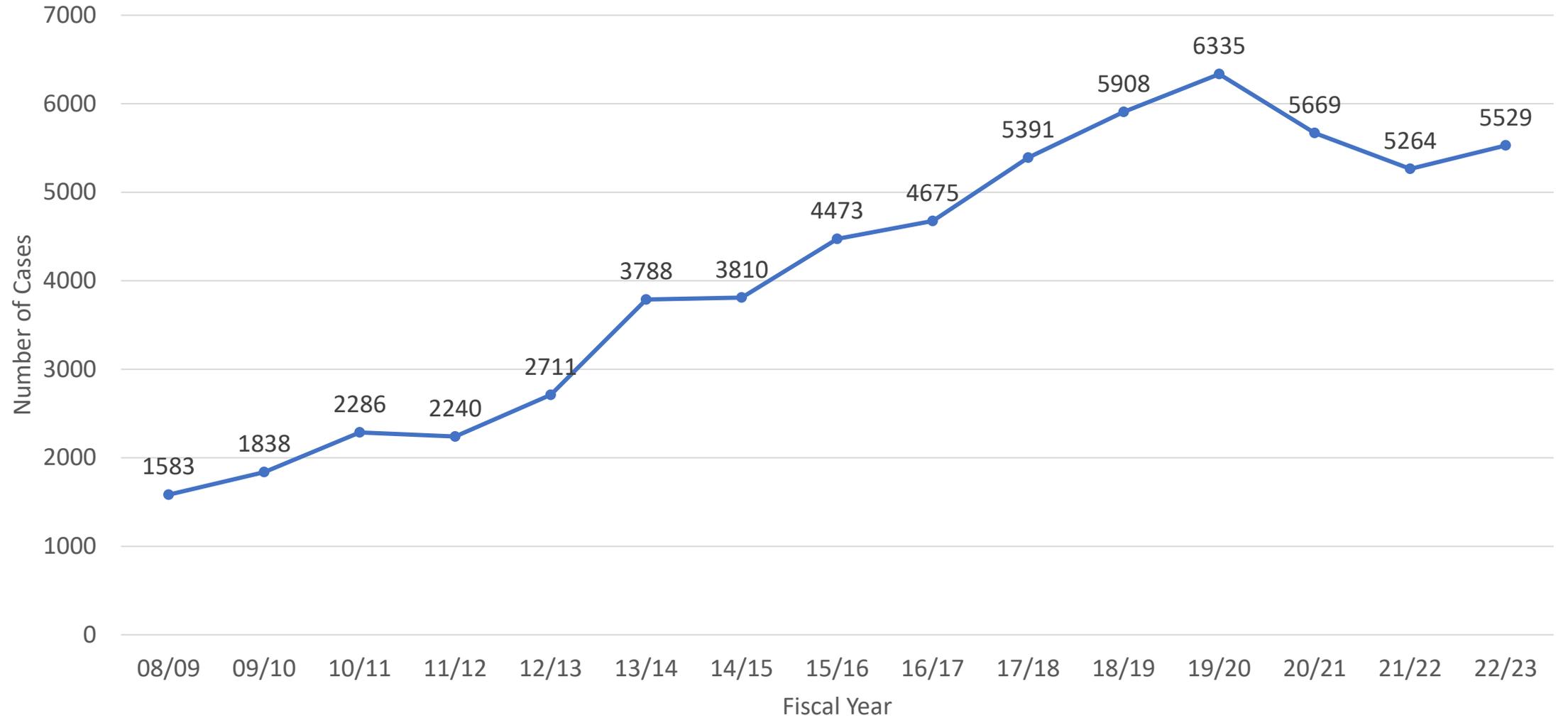
## ▪ Referral Criteria

- Focus resources on those families more likely to have hereditary cancer
- High demand for services with related waitlist – working to reduce this
- Any health care provider or patient can refer to the HCP
- If people don't know their family history, we can often still meet with them
- Family history form not required if patient meets criteria on their own



# Increasing Demand

Hereditary Cancer Program (BC & Yukon) Number of Eligible Referrals



# Patient Harm

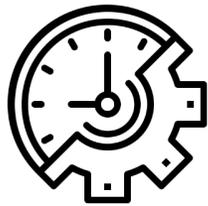
- ⚠ Missed opportunities to incorporate genetic test results into treatment plans
- ⚠ Increased rate of patients lost to follow-up
- ⚠ Increased patient/family anxiety
- ⚠ Patient death while waiting for an appointment
- ⚠ Inequitable
- ⚠ Diagnoses of preventable cancers

# Bringing testing into the 'Mainstream'

## Oncology Clinic-Based Hereditary Cancer Genetic Testing in a Population-Based Health Care System

by  Matthew Richardson <sup>1</sup> ,  Hae Jung Min <sup>2</sup> ,  Quan Hong <sup>2</sup> ,  Katie Compton <sup>2</sup> ,  
 Sze Wing Mung <sup>2</sup> ,  Zoe Lohn <sup>2</sup> ,  Jennifer Nuk <sup>2</sup> ,  Mary McCullum <sup>2</sup> ,  
 Cheryl Portigal-Todd <sup>2</sup> ,  Aly Karsan <sup>3</sup> ,  Dean Regier <sup>4,5</sup> ,  Lori A. Brotto <sup>6</sup> ,  
 Sophie Sun <sup>2,7,8,\*</sup>  and  Kasmintan A. Schrader <sup>2,9,10,\*</sup> 

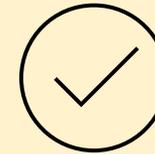
*Cancers* 2020, 12(2), 338; <https://doi.org/10.3390/cancers12020338>



Mainstream 2.0 launched in 2022



Time to  
Results

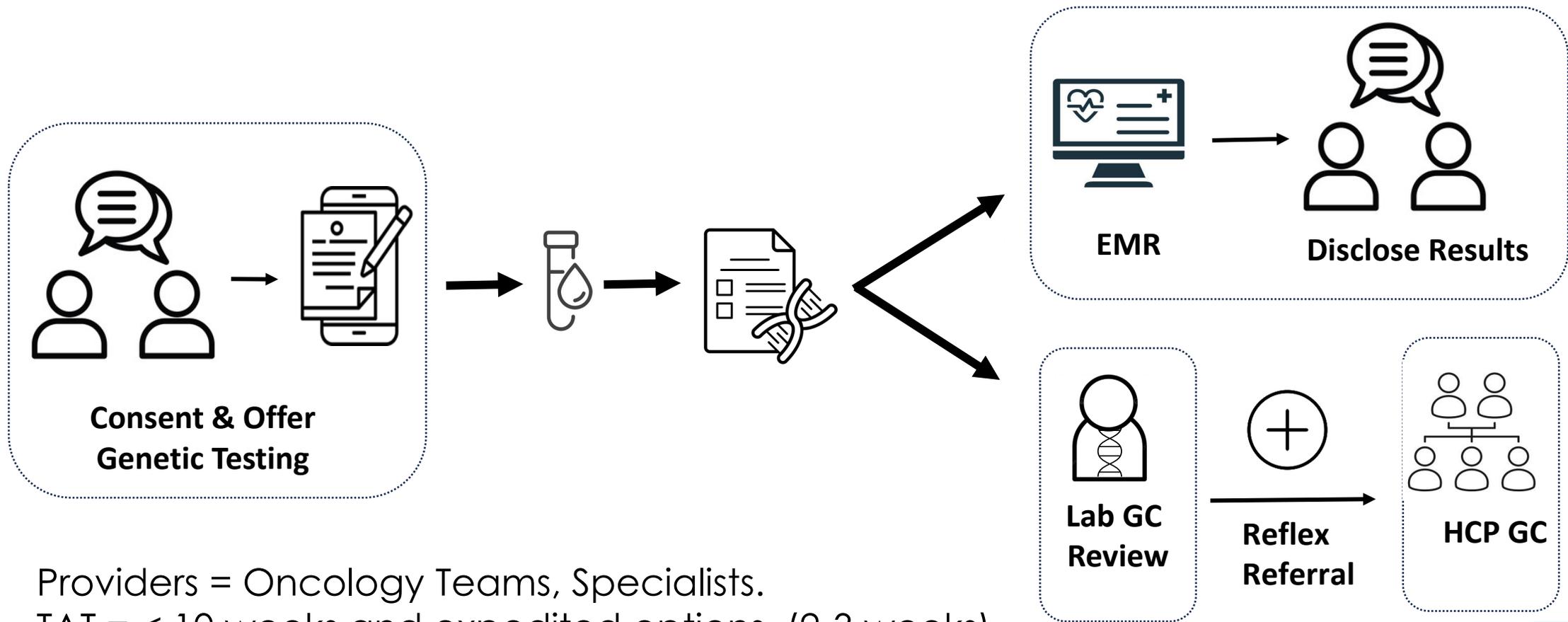


Acceptable  
Patients



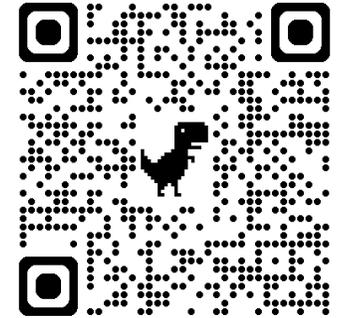
Acceptable  
Providers

# Mainstreaming Process



Providers = Oncology Teams, Specialists.  
TAT = < 10 weeks and expedited options (2-3 weeks)  
GT Lab = CGL (84 genes) or Ambry (72 genes)

# Hereditary Cancer Program (HCP)



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## Hereditary Cancer

The Hereditary Cancer Program (HCP) provides genetic counselling and genetic testing for BC/Yukon residents who may have inherited an increased risk for certain types of cancer. Similar services are available across Canada and in other countries.

This section provides direction about HCP referrals, information and resources for health professionals to use when discussing hereditary cancer assessment with your patients/families.

Some patients with a personal history of cancer are eligible for "mainstreamed" hereditary cancer testing. You can order the testing and disclose results to your patient without a referral. You can find more information in the "Resources" tab below.

Have a patient in the High Risk Clinic? [Learn about your role in their care.](#)

Referral

Syndromes

Resources

People are encouraged to review their personal and/or family history with a health care provider to clarify whether HCP referral is indicated.

### In this section

[Hereditary Cancer](#)

[High Risk Clinic](#)

[Download the Hereditary Cancer Program Referral form >](#)

[Download the Urgent DNA Storage Requisition >](#)

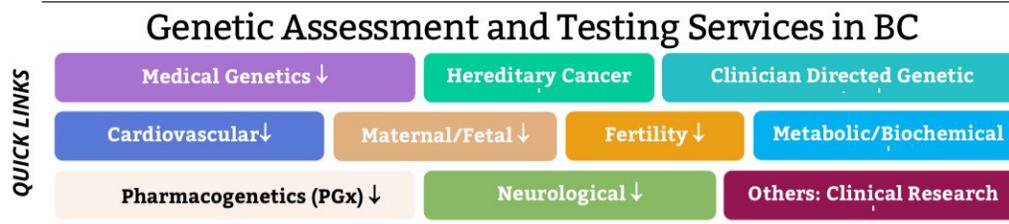
[Mainstreamed Genetic Testing: Information and Requisition Download >](#)



# NOW ON PATHWAYS BC

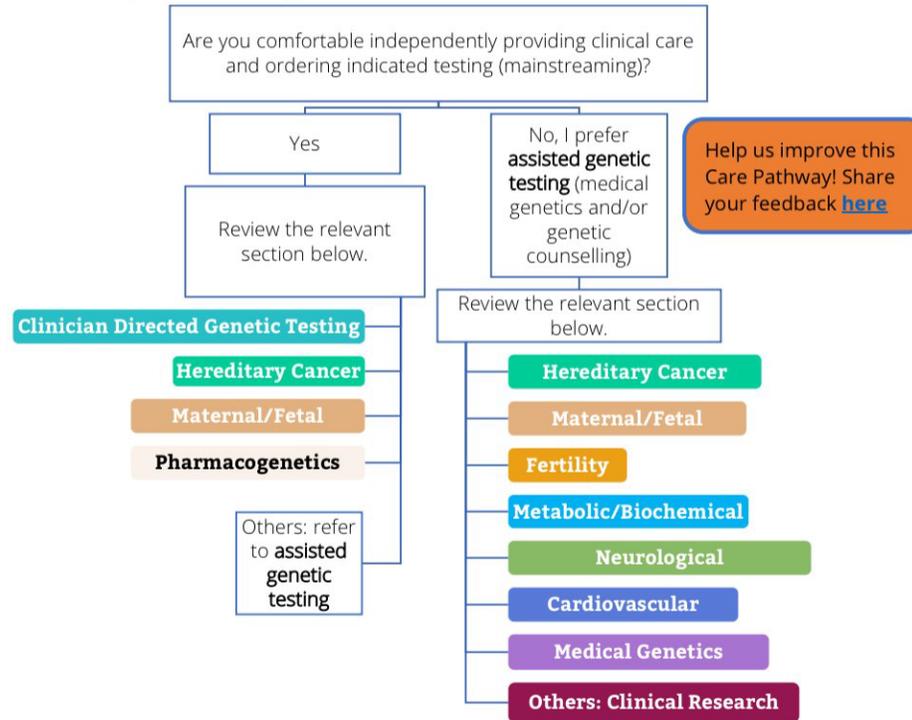
Genetic Clinics listings with estimated wait times & advice options

Expanding Clinician Tools & Patient Info to support the use of genetics in your practice



This Care Pathway was developed to help healthcare professionals understand when referrals to genetic assessment can change management for patients if there is a suspected genetic basis to the patient presentation/disease. Genetic counselling and assessment and/or testing can be valuable for patients and their families to help them have a better understanding of genetic causes and the inheritance potential of their disease. Pharmacogenetic (PGx) testing can be useful to prevent adverse drug reactions or improve clinical effects in patients with certain genetic variations.

**We strongly recommend all care providers to directly order genetic testing (mainstreaming) when possible, to minimize wait times for patients. You will be responsible for ordering tests, reviewing genetic test results, and counselling patients.**



# Genetic Assessment and Testing Services Care Pathway

Highlights genetic testing available to be ordered directly by care providers

- Constitutional Genetic tests
- Prenatal Genetic tests
- **Hereditary Cancer**
- Guidelines & funding available for genetic testing outside of BC

Navigate the referral process Provincial Medical Genetics Specialty clinics offering assessment and testing

Help us improve this Care Pathway! Share your feedback [here](#)

## Hereditary Cancer

You can direct order genetic testing (mainstreaming) for **hereditary breast, ovarian, pancreatic, prostate, medullary thyroid, paraganglioma or renal cancer** for patients whose family history meets the criteria – see clinic page below.

### Mainstreamed Hereditary Cancer Testing Clinic

1. Review the clinician process:
  - a. [Mainstreaming Orientation](#)
  - b. [Provider Checklist](#)
2. Review genetic testing information with the patient:
  - a. [Hereditary Cancer Genetic Testing Patient Information Sheet](#) ☒
  - b. [Patient information video](#) ☒
3. Fill the requisition form (Genetics and Genomics Lab – Hereditary Cancer Multi-Gene Panel) that patients can bring to any laboratory
  - a. <http://cancergeneticslab.ca/requisitions/>
  - b. If you use CERNER, enter the “Hereditary Cancer Genetics Panel” order code to note for other providers that you have ordered testing. You will still need to give the requisition to the patient
4. (optional) Request advice from a genetic counsellor:
  - a. Contact the [BC Cancer Hereditary Cancer Program](#) or request advice using the [callback request](#) 🌐

### **Referral to Genetic Testing and Counselling**

1. Does the patient have: cancer in >1 generation, family member with early onset of cancer (<50), family members having more than 1 type of cancer, or rare cancers?
  - a. Review the [referral criteria](#) and consider referral to **BC Cancer Hereditary Cancer Program**
  - b. If you are still unsure if your patient meets the referral criteria, contact the [BC Cancer Hereditary Cancer Program](#) or request advice using the [callback request](#) 🌐
2. If you have a **pediatric cancer patient**, please refer to [medical genetics](#)

# When and who to test

# Hereditary Cancer Program (HCP)

## Who is eligible for mainstream genetic testing?



TEST REQUESTED								
<input checked="" type="checkbox"/> Hereditary Cancer Multi-Gene Panel Testing <small>SQ HCAGPB</small> <span style="float: right;">If your patient requires expedited testing for treatment planning, please email <a href="mailto:genetic.counsellor@bccancer.bc.ca">genetic.counsellor@bccancer.bc.ca</a></span>								
ANCESTRAL BACKGROUND – SELECT ALL THAT APPLY								
Africa / Caribbean	Asia <input type="checkbox"/> East <input type="checkbox"/> South/Central	Europe / UK	Indigenous (First Nations, Metis, Inuit)	Jewish <input type="checkbox"/> Ashkenazi <input type="checkbox"/> Sephardic	Middle East	South / Central America	Other	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Specify: _____	
TESTING INDICATION(S) – SELECT ALL THAT APPLY								
<b>Breast Cancer</b> <small>(BRCA)</small> <input type="checkbox"/> HER2-negative breast cancer, eligible for adjuvant Olaparib  <b>Hereditary Breast and Ovarian Cancer</b> <small>(INHERCAN)</small> <input type="checkbox"/> Breast cancer ≤ age 35 <input type="checkbox"/> 2 primary breast cancers, at least 1 ≤ age 50 <input type="checkbox"/> Triple negative (ER-PR-HER2-) breast cancer ≤ age 60 <input type="checkbox"/> Breast cancer ≤ age 50 AND no family history known due to adoption <input type="checkbox"/> Ovarian, fallopian tube or peritoneal cancer (non-mucinous epithelial; incl. STIC) <input type="checkbox"/> Male breast cancer		<b>Pancreatic Cancer</b> <small>(PANC CA)</small> <input type="checkbox"/> Pancreatic ductal adenocarcinoma <input type="checkbox"/> Pancreatic neuroendocrine tumour  <b>Prostate Cancer</b> <small>(INHERCAN)</small> <input type="checkbox"/> Metastatic prostate cancer  <b>Medullary Thyroid Cancer</b> <small>(MTC)</small> <input type="checkbox"/> Medullary thyroid cancer  <b>Paraganglioma</b> <small>(PGL)</small> <input type="checkbox"/> Paraganglioma (includes pheo)  <b>Renal Cancer</b> <small>(RENAL)</small> <input type="checkbox"/> ≤ age 47		<b>Ashkenazi Jewish Heritage</b> <small>(INHERCAN)</small> <input type="checkbox"/> Personal or family history of breast, ovarian, pancreatic, high-grade prostate cancer  <b>Other</b> <small>(INHERCAN)</small> <input type="checkbox"/> ** Approved by Hereditary Cancer Program <input type="checkbox"/> ** Confirmation of pathogenic variant result (include relevant report(s) from tumour testing or clinical trial/research testing)  ** INDICATION/VARIANT DETAILS (REQUIRED FOR TEST TO PROCEED): _____ _____				
<b>PHYSICIAN SIGNATURE (REQUIRED)</b>		By signing below, I hereby acknowledge that I have informed the patient about the implications of hereditary testing.						
		DATE _____						
LAB USE ONLY	PB EDTA	Other			HCP USE ONLY	Progeny	Initials	Date

The personal information collected on this form is collected under the authority of the Personal Information Protection Act. The personal information is used to provide medical services requested on this requisition. The information collected is used for quality assurance, management and disclosed to healthcare providers involved in providing care or when



# HCP Mainstream Test Requisition

<b>CANCER GENETICS AND GENOMICS LABORATORY</b> <b>HEREDITARY CANCER MULTI-GENE PANEL</b>			CANCER GENETICS LAB SHIRE LABEL USE ONLY	
 BC CANCER DEPT. OF PATHOLOGY AND LABORATORY MEDICINE ROOM 3307 - 600 WEST 10TH AVENUE VANCOUVER BC V5Z-4E6			604-877-6000 EXT 67-2094 FAX: 604-877-6294 MON-FRI 8:30AM-4:30PM <a href="http://WWW.CANCERGENETICSLAB.CA">WWW.CANCERGENETICSLAB.CA</a> <a href="mailto:GENETIC.COUNSELLOR@BCCANCER.BC.CA">GENETIC.COUNSELLOR@BCCANCER.BC.CA</a>	
<b>PATIENT INFORMATION</b>			<b>REQUESTING PHYSICIAN</b> <span style="color: red;">NOTE: SIGNATURE REQUIRED (BELOW)</span>	
Last Name		First and Middle Names	Name	MSC
Date of Birth (dd/mmm/yyyy)	Gender <input checked="" type="checkbox"/> Male <input type="checkbox"/> Female <input type="checkbox"/> Non Binary/Other/Not Disclosed		Phone	Fax
PHN	BC Cancer ID	Cerner MRN	Address	
Email Address			Email Address	
<b>CONSENT</b>			<b>COPY PHYSICIANS (ALL INFORMATION IS NECESSARY)</b>	
Your sample <b>may</b> be sent to a laboratory in the USA for testing. Your personal information (name, date of birth, sex, cancer history) would be sent with the sample. Please contact <a href="mailto:genetic.counsellor@bccancer.bc.ca">genetic.counsellor@bccancer.bc.ca</a> if you have any questions or concerns.			Name	MSC
Patient agrees to their results being shared with relatives referred to BC Cancer for genetic testing <input type="checkbox"/> Yes <input type="checkbox"/> No			Address	
If patient is unable to receive their results, it should be disclosed to (or shared with):			Name	MSC
Name	Relationship to patient	Contact Phone / Email	Address	



# HCP Mainstream Test Requisition

CONSENT											
<p>Your sample <b>may</b> be sent to a laboratory in the USA for testing. Your personal information (name, date of birth, sex, cancer history) would be sent with the sample.</p> <p>Please contact <a href="mailto:genetic.counsellor@bccancer.bc.ca">genetic.counsellor@bccancer.bc.ca</a> if you have any questions or concerns.</p>											
<p><b>Patient agrees to their results being shared with relatives referred to BC Cancer for genetic testing</b></p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No</p>											
<p><b>If patient is unable to receive their results, it should be disclosed to (or shared with):</b></p> <table border="1"> <thead> <tr> <th>Name</th> <th>Relationship to patient</th> <th>Contact Phone / Email</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>			Name	Relationship to patient	Contact Phone / Email						
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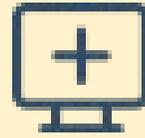
SPECIMEN		INTERPRETER	
<p><b>Specimen Type</b></p> <p><input checked="" type="checkbox"/> Peripheral Blood</p>	<p><b>Collect 1 x 6mL EDTA blood.</b></p> <p>Store and ship at room temperature using overnight delivery to Cancer Genetics and Genomics Laboratory (address above). Do not refrigerate or freeze.</p>	<p><b>Collection Date (dd/mmm/yyyy)</b></p> <p> </p>	<p><b>Interpreter required?</b></p> <p><input type="checkbox"/> Yes    Language: <input type="text"/></p> <p><input type="checkbox"/> No</p>

# Hereditary Cancer Testing

## Considerations:



Understanding a factor in my personal / family history of cancer



Learn of other cancer risks, screening and prevention



Information may be used for my current care



Help my family, ie. give options



Increased worry



Strained family relationships

# HCP Mainstream Test Requisition

## HEREDITARY CANCER TESTING INFORMATION

- This is a blood test to see if your cancer is hereditary. About 1 in 10 cancers are hereditary.
- If your cancer is hereditary, you will have an appointment with a genetic counsellor.
- Your test results may have implications for relatives.
- Your test results may be used to guide your cancer treatment and tell us about new cancer risks.
- Under the Canadian Genetic Non-Discrimination Act (GNDA), companies (including insurers) and employers cannot ask for your genetic test results or ask you to have genetic testing.
- Any unused samples may be stored at the BC Cancer Genetics & Genomics Laboratory and may be used to develop new clinical genetic tests in BC.

## TEST REQUESTED

Hereditary Cancer Multi-Gene Panel Testing SQ HCAGPB If your patient requires expedited testing for treatment planning, please email [genetic.counsellor@bccancer.bc.ca](mailto:genetic.counsellor@bccancer.bc.ca)

## ANCESTRAL BACKGROUND – SELECT ALL THAT APPLY

Africa / Caribbean	Asia <input type="checkbox"/> East <input type="checkbox"/> South/Central	Europe / UK	Indigenous (First Nations, Metis, Inuit)	Jewish <input type="checkbox"/> Ashkenazi <input type="checkbox"/> Sephardic	Middle East	South / Central America	Other
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Specify:

# Hereditary Cancer Program (HCP)

## Mainstream testing numbers

- ~ 300 + samples per month
- > 1000s Genetic Test Results Reported
- ~12% Positive Rate (~3% recessive/low-penetrant)
- ~25% VUS Rate
  - <2% Result in referral to HCP
- Indication: M-Prostate >> Breast > Pancreatic > Ovarian

# Clinician Feedback

***'YES, sign me up!'***

***'Enables access to timely genetic testing for patients (speed of results)'***

***'Process is straightforward & easy and convenient for patient and ordering providers'***

Shifting genetic counselling to after test result for some optimizes genetic services to focus on:

- Result interpretation, follow-up support for families, cascade testing in relatives
- Psychotherapeutic genetic counselling to those who need it most
- Mainstream genetic testing increases efficiency and reduces wait times

Genetic test results available to patients, their providers and their families faster.

# Resources

## BC Cancer Genetics and Genomics Lab Website:

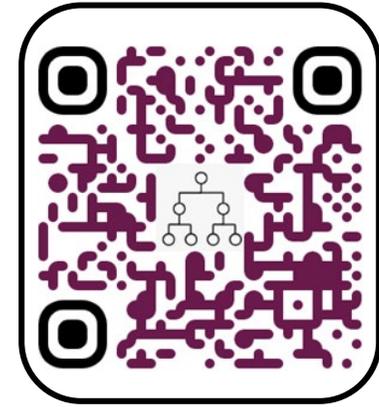
- Indications
- Requisition
- Process Checklist
- Patient Information Sheets:
  - Pre-Test
  - Positive Result
  - Negative Result (includes VUS)



# Resources

## Hereditary Cancer Program Website:

- ❑ Patient video and information sheets
- ❑ Clinician slide deck



[genetic.counsellor@bccancer.bc.ca](mailto:genetic.counsellor@bccancer.bc.ca)

# Hereditary Cancer Program (HCP)

## DNA Banking

**DNA Storage For People With Cancer – Instructions for Use**

This package includes:

- a requisition for your patient to have a blood sample
- an information page for you

Please use this package when:

- your patient is (or might be)
- their health is unstable or may be

**What is DNA?**  
DNA is your genetic material.

**What is DNA storage?**  
You can store some of your DNA for future genetic testing.

**What is genetic testing?**  
We do special tests to look for changes in your DNA that may indicate an increased risk of cancer without cancer risks for your family.

**BC CANCER GENETICS AND GENOMICS LABORATORY**  
HCP DNA STORAGE

604-877-6000 EXT 67-2094  
FAX: 604-877-6294  
MON-FRI 8:30AM-4:30PM  
www.cancergeneticslab.ca  
info@cancergeneticslab.ca

BC CANCER GENETICS & GENOMICS LAB  
DEPT. OF PATHOLOGY AND LABORATORY MEDICINE  
ROOM 3307 – 600 WEST 10<sup>TH</sup> AVENUE  
VANCOUVER BC V5Z 4E6

**\*Approved For Blood Draw During COVID-19 Restrictions\***

PATIENT INFORMATION		REQUESTING PHYSICIAN	
First and Middle Names		Name	MSC
BC Cancer ID# (if available)		Phone	Fax
Address		Address	
Signature		Signature	

**Specimen Type** Peripheral Blood

Draw 5 mL blood into EDTA tubes. Store and ship at room temperature using overnight delivery to Cancer Genetics & Genomics Lab (see address above).

Do not refrigerate or freeze

Test results may tell you:

- No Consent Form
- Not an HCP Referral

# Hereditary Cancer Program (HCP)

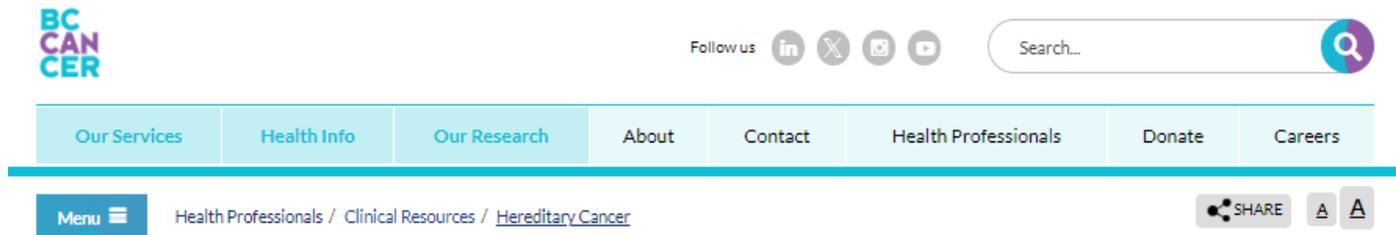
## When to Refer

- Criteria on website
- Patient outside criteria – OK to refer
- Any health care provider or patient can refer
- It is OK if people do not know their full family history
- Family history form not required if patient meets criteria on their own

*High demand for services – working to reduce waitlist*

# Hereditary Cancer Program (HCP)

## Who to refer



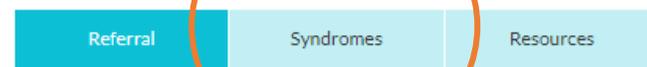
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Have a patient in the High Risk Clinic? [Learn about your role in their care.](#)



People are encouraged to review their personal and/or family history with a health care provider to clarify whether HCP referral is indicated.

### In this section

[Hereditary Cancer](#)

[High Risk Clinic](#)

[Download the Hereditary Cancer Program Referral form >](#)

[Download the Urgent DNA Storage Requisition >](#)

[Mainstreamed Genetic Testing: Information and Requisition Download >](#)





# Resources

## High Risk Clinic

### Team:

- Physician
- Nurse Practitioners
- Nurses

### Referrals:

- Genetic Counsellor disclosing (+) result
- GP if Pt discharged from oncology care and has breast tissue
- Pt new to GP practice with variant identified outside of BC

# Hereditary Cancer Program (HCP)

## High Risk Clinic

### Eligibility

- Not under the care of an oncologist
- People with breasts and a mutation in a gene associated with > 25% lifetime risk for breast cancer (ie, BRCA1/2, ATM, CHEK2, CDH1, PALB2).
- People with Li Fraumeni syndrome (*TP53*), a syndrome associated with an increased risk of many different cancers.
- People with breasts between ages 30 to 50 with Neurofibromatosis 1 because of increased breast cancer risk.

# Hereditary Cancer Program (HCP)

## High Risk Clinic

- Physical Exam
- Screening management for breast cancer: MRI & Mammograms
- Medication for cancer risk reduction
- Prophylactic surgery referral
- Yearly follow-up appointments

Primary care provider for new problems in between visits (like a breast lump or pain or discharge).

# Private Pay Testing

Not eligible or do not want to wait for testing

Important to choose appropriate lab to ensure accurate results

- **Invitae:** [www.invitae.com/en/cancer](http://www.invitae.com/en/cancer)
  - requires physician order; \$349USD
- **Screen Project:** [www.womensresearch.ca/active-studies/the-screen-project-study/](http://www.womensresearch.ca/active-studies/the-screen-project-study/)
- **Color** <https://home.color.com/orders/shipping?sku=hereditary%2030> (\$260 USD)

**If positive, important to refer to HCP for information & ongoing support support (surveillance and prevention; family member testing)**



Invitae



Color



Screen Project

# Summary

Hereditary cancer genetic test results can help with:

- Treatment decisions
- Clarifying future cancer risk for a patient and/or their family

Shifting genetic counselling to after test result for some optimizes genetic services to focus on:

- Result interpretation, follow-up support for families, cascade testing in relatives
- Psychotherapeutic genetic counselling to those who need it most
- **Mainstream genetic testing increases efficiency, equitability, and reduces wait times**

Genetic test results available to patients, their providers and their families faster.

# Who we are

**Co-Medical Directors:**

Dr. Intan Schrader  
Dr. Sophie Sun

**Clinical Operations Director:**

Adam Kahnamelli

**Practice Lead:**

Jennifer Nuk

**Program Manager:**

Mandy Jevon  
Aneeta Kassam

**Executive Director:**

Fabio Feldman

**Clinical Coordinator:**

Mary-Jill (MJ) Asrat

**Clerical Supervisor:**

Chelsea Poole

**Medical Geneticists:**

Dr. Gudrun Aubertin  
Dr. Katherine Blood  
Dr. My Linh Thibodeau

**Genetic Counsellors:**

Angela Bedard  
Vivian Cheng  
Faith Cheung

**Genetic Counsellors:**

Jacob Coleman  
Katie Compton  
Courtney Cook  
Carol Cremin  
Mingshu Dong

**Genetic Counsellors:**

Emily Enns  
Angela Inglis  
Zoe Lohn  
Niki Lovick  
Allison Mindlin

**Genetic Counsellors:**

Tammy Petersen  
Ann-Marie Peturson  
Genevieve St. Martin

**Genetic Counsellors:**

Cheryl Portigal-Todd  
Manraj Randhawa  
Jennifer Thompson  
Ruth Turnbull

**Genetic Counselling Assistants:**

Alexis Czipfel  
Kelsey Hamilton  
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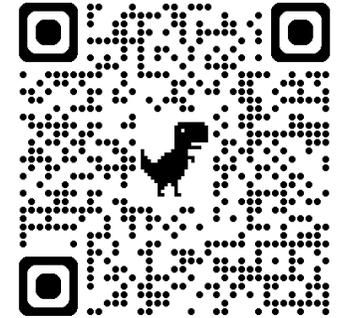
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