





Transplant First

Provincial Q&A Session

February 28, 2024 12pm to 1pm











Today's Objectives



- A forum to provide an update and review/discuss transplant first key workflow items
- An opportunity for KCCs, Regional Transplant Clinics and Provincial Transplant Centres staff to ask questions and share learnings

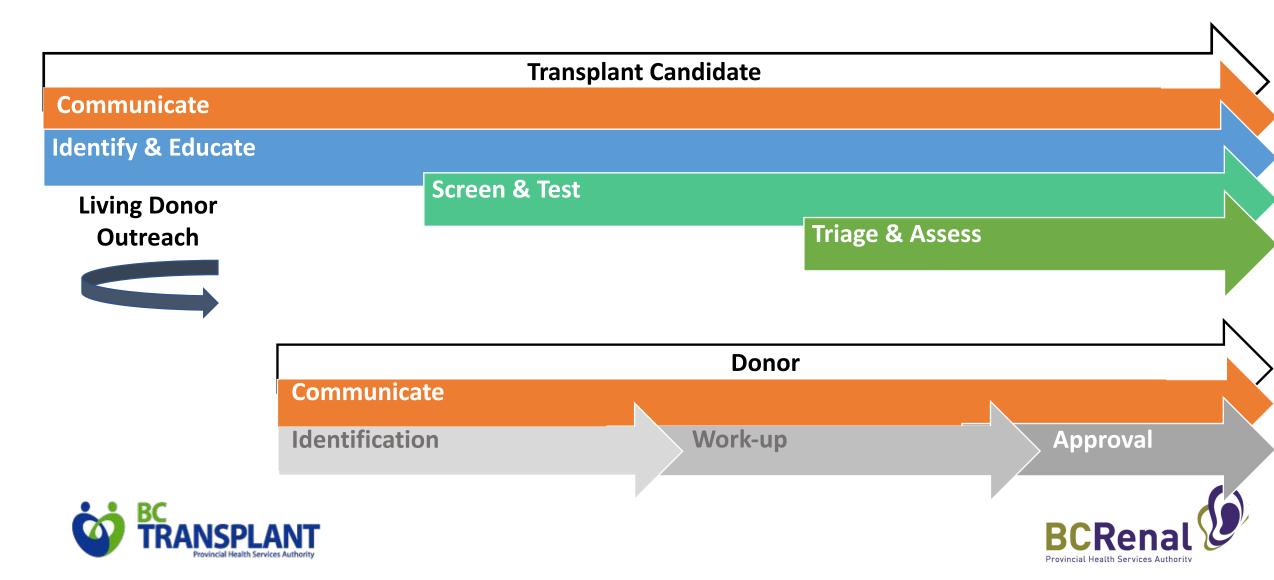




Transplant First Key Elements & Solutions

Key Element	Solution
Pre-transplant standardized workflow	Implementation worksheet
Pre-transplant milestones	 Kidney transplant readiness report
Transplant education	 Candidacy criteria Separate from dialysis education Updated BCR/BCT webpages New resources for patients
Streamlined testing criteria for referral submission	Standard referral order form
Standardized tracking of tests, consults/referrals, patient summary	Kidney transplant tracking sheetStreamline document uploads
Streamlined communication	 Kidney transplant tracking sheet donor status eGFR=15 trigger for KCC communication to transplant centre Primary care info sheet sent at referral initiation

Pre-Transplant Workflow



BCR & BCT New Roles to support pre-transplant workflow

Regional Transplant Coordinators/Facilitators

 1 FTE per health authority to support KCCs, Regional Transplant Clinics and Provincial Transplant Centres to address challenges with the pretransplant process including gaps in communication across teams and settings

Triage Coordinators

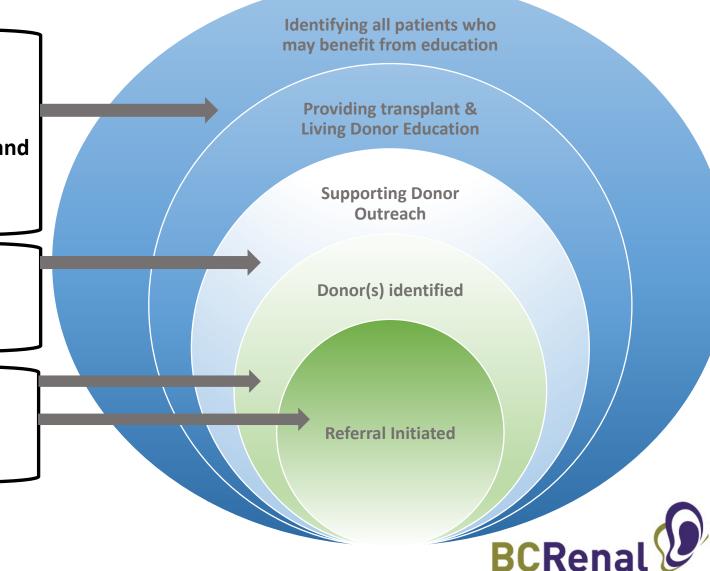
 1 FTE per provincial transplant centre to streamline triaging transplant referrals



Pre-Transplant Process Review

- Identified with eGFR persistently below 25 and declining
- Meets candidacy criteria for transplant education
- Provide education ideally before eGFR below 20 and before dialysis education
- Patient agrees to proceed
- Ongoing enhanced donor outreach support
- If no donor identified, hold referral and continue ongoing enhanced donor outreach support
- Initiate referral process if 1 or more donor identified by patient





Implementation Worksheet Purpose

 Outlines key steps through the pretransplant process including identifying "role responsible" locally in KCC's, Regional Transplant Clinics & Provincial Transplant Centres

Helps ensure clear ownership by role
 of each step in the pre-transplant
 process and awareness of others'
 roles in the process







Implementation Worksheet Overview

- Completed worksheet submitted by each clinic/centre to Transplant First project team to support ongoing monitoring and evaluation
- Revisit worksheet over time to ensure awareness of steps and clear ownership

Role	Pt				
Responsible	comm				
(To be filled by	check				
clinic/centre) itep		Activity	Timing	Resources	PROMIS Documentation
пер	point	Activity	IDENTIFY	Resources	PROMIS Documentation
1		Screen all KCC patients qmonthly with eGFR<25 mL/min (& progressing) to identify which are candidates for transplant education.	eGFR<25 mL/min (& progressing)	eGFR Report (PROMIS) Candidate for transplant education criteria (PROMIS) Nephrologist dictations	PROMIS 4: Modality Selection Module Complete "potential candidate for transplant" criteria. Populates "Kidney Transplant Readiness" report. Confirm/complete details under the following categories: Demographics Physicians Drug allergies & medications Screening
2	х	Contact patient to schedule and confirm date for transplant education.	Identified to proceed with transplant education as per criteria or nephrologist approval		
			EDUCATE		
3	х	Provide initial patient education on transplant & living donation separate from dialysis modality education.	eGFR<25 mL/min (& progressing)	Kidney Transplant from a Living Donor – complete booklet Kidney Transplant from a Living Donor Intro page Step 1: I am learning about Living Donor	PROMIS 4: Modality Selection Module Document patient has received transplant education under "Transplant: Education/Discussion" Populates "Kidney Transplant Readiness" report. Document "living donor discussion occurred"
				 Kidney Transplant Transplant Education resource package (see 	
				appendix on page 4 for details)	



Pre-Transplant Milestones

Transplant Candidate

Identify & Educate

eGFR & date (Identify patients with eGFR<25)

Transplant education eligible

Transplant education given

Living donor discussion occurred

Patient agreed to proceed

Screen & Test

Transplant referral status - initiated and date

Living donor outreach plan initiated

Transplant referral status - submitted and date

Triage & Assess

Transplant referral status-accepted/not accepted/appt booked and date

Transplant status-in progress, activated, on hold and date

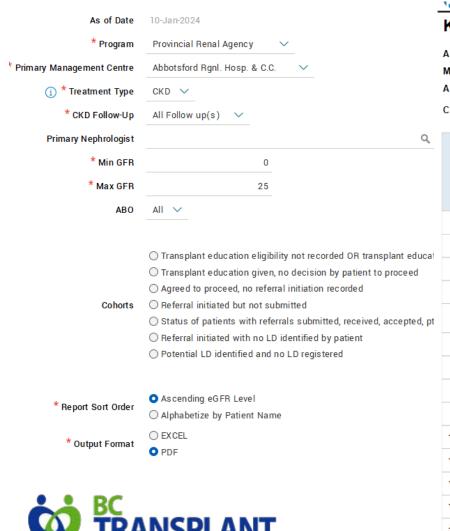
Potential living donor identified by transplant candidate

Potential living donor registered





Readiness Report – CKD with no Cohorts



Kidney Transplant Readiness Report

As of Date 10-Jan-2024 Program Provincial Renal Agency Primary Nephrologist eGFR Range 0 - 25

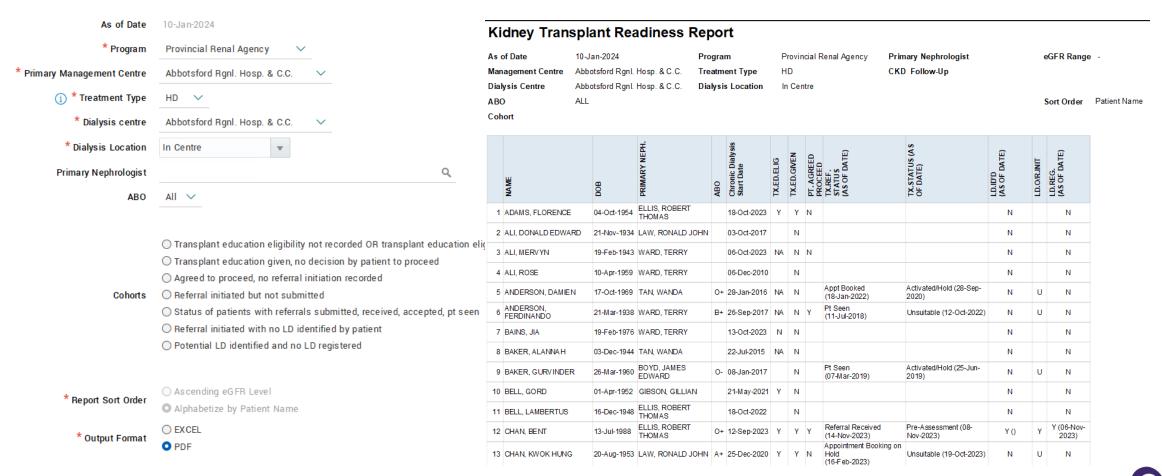
Management Centre Abbotsford Rgnl. Hosp. & C.C. Treatment Type CKD CKD Follow-Up All Follow up(s)

ABO ALL Sort Order Ascending eGFR

Cohort

	NAME	DOB	PRIMARY NEPH.	ABO	eGFR	TX.ED.ELIG	TX.ED.GIVEN	PT. AGREED	TX.REF. STATUS (AS OF DATE)	TX.STATUS (AS OF DATE)	LD.ID'D (AS OF DATE)	LD.O/R.INIT	LD.REG. (AS OF DATE)
1	BRAR, TRACIE	31-Jan-1929	LAW, RONALD JOHN		5	N	N	N			N		N
2	WILSON, VARINDER	19-Feb-1955	WARD, TERRY	A+	7	Υ	Υ	Υ	Pt Seen (27-Oct-2023)	Tx/Pre-Assessment (07- Jul-2023)	N	Υ	N
3	YU, ADRIANA	01-Sep-1966	TAN, WANDA		8	Υ	Υ	U			N		N
4	WALKER, TAT MING	06-Jan-1941	WARD, TERRY		8	Y	Υ	N			N		N
5	CHEUNG, YI HUA	16-Mar-1950	WARD, TERRY	A+	8	Υ	Υ	Y	Referral Accepted, Appt Booking in Progress (03-Nov-2023)	Pre-Assessment (22- Sep-2021)	Υ ()	U	Y (15-Sep- 2023)
6	KAUR, IRIS	29-May-1946	BOYD, JAMES EDWARD		10	Υ	Υ	U			N		N
7	CHAN, JAMIE	03-Apr-1985	WARD, TERRY		10	Υ	Υ	U			N		N
8	HALL, MACIEJ	15-Dec-1947	LAW, RONALD JOHN		10	N	N				N		N
9	KING, LEE-ANN	14-Sep-1949	BOYD, JAMES EDWARD		11	Υ	Υ	U			N		N
10	JACKSON, BENITA	21-May-1941	TAN, WANDA		12	N	N				N		N
11	PETERS, HARINDER	21-Aug-1928	TAN, WANDA		12	N	N	N			N		N
12	ADAMS, RAJENDRA	26-Oct-1950	TAN, WANDA	0+	12		N				N		N
13	HAMILTON, RAMINDER	05-Feb-1951	ELLIS, ROBERT THOMAS		12	Υ	R	N			Y (16-Nov- 2023)		N
14	LEUNG, REG	13-Oct-1960	TAN, WANDA	Α+	12	Υ	Υ	Y	Referral Received (16-Aug-2023)	Pre-Assessment (15- Aug-2023)	Υ ()	Υ	Y (15-Aug- 2023)

Readiness Report – HD, In Centre, No cohorts

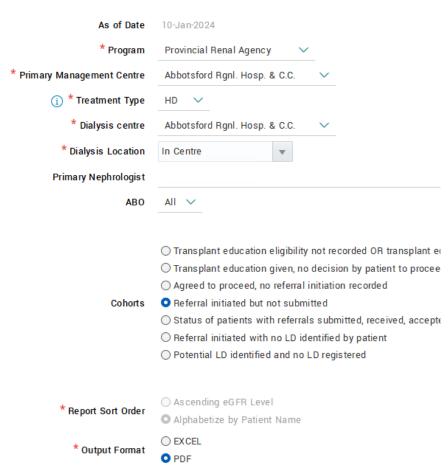






Readiness Report – HD, In Centre, Cohorts

As of Date



Kidney Transplant Readiness Report

10-Jan-2024

Management Centre	Abbotsford Rgnl. Hosp. & C.C.	Treatment Type	HD	CKD Follow-Up		
Dialysis Centre	Abbotsford Rgnl. Hosp. & C.C.	Dialysis Location	In Centre			
ABO	ALL				Sort Order	Patient Name

Provincial Renal Agency

Primary Nephrologist

Cohort Referral initiated but not submitted

	NAME	DOB	PRIMARY NEPH.	ABO	Chronic Dialysis Start Date	TX.REF. STATUS (AS OF DATE)	LD.ID'D (AS OF DATE)	LD.O/R.INIT	LD.REG. (AS OF DATE)
1	TAYLOR, ETHAN	18-Feb-1954	LAW, RONALD JOHN	Α+		Referral Initiated (16-Dec-2022)	Y ()	Υ	N
2	WHITE, PHUONG	29-May-1959	WARD, TERRY	B+		Referral Initiated (15-Dec-2021)	Y (02-May- 2022)	U	N

Program

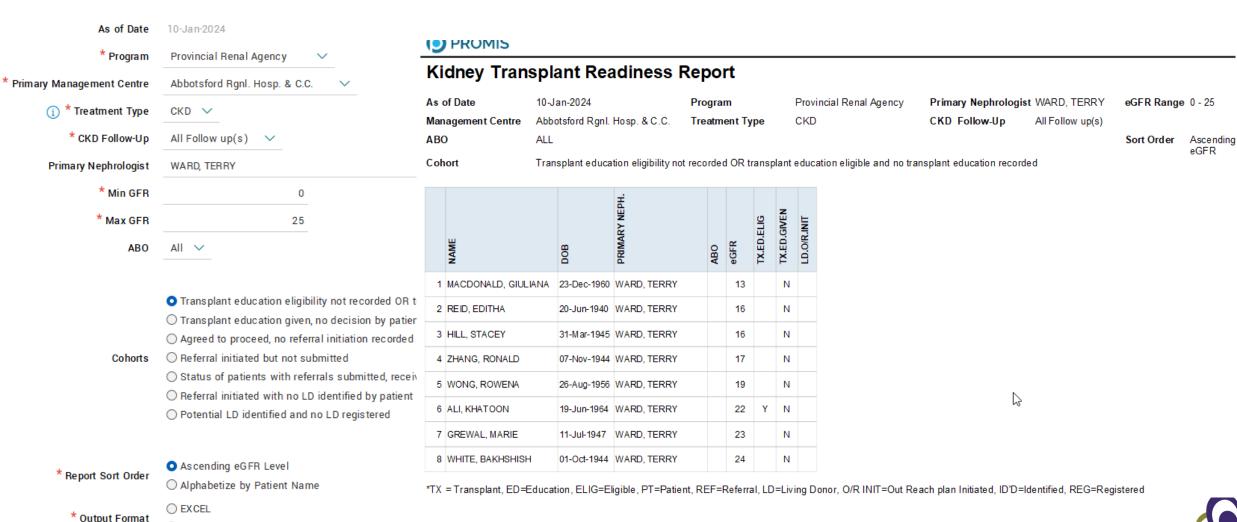




eGFR Range -

^{*}TX = Transplant, ED=Education, ELIG=Eligible, PT=Patient, REF=Referral, LD=Living Donor, O/R INIT=Out Reach plan Initiated, ID'D=Identified, REG=Registered

Readiness Report – CKD, Primary Neph, Cohorts



Provincial Health Services Authorit



Transplant Education Candidacy Criteria

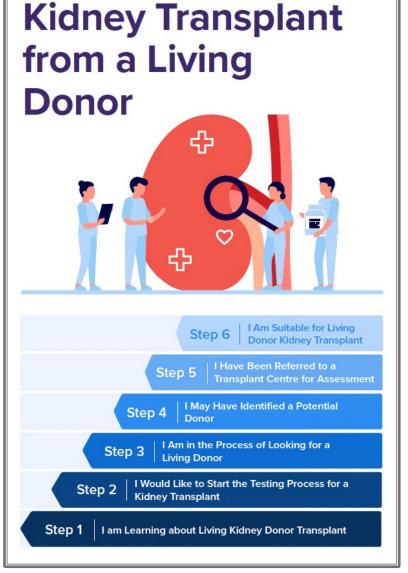
Do Not Proceed	Consult Nephrologist
Do not proceed with transplant education if any of the following apply:	Consult with nephrologist, if unable to clearly identify contraindications under "do not proceed".
Age>85 Active non-compliance to therapy Active drug or alcohol addiction	Consult with nephrologist about providing transplant education if any of the following apply:
Active malignancy (excluding non-melanoma skin cancer)	Age 70 to 85
Active infection (e.g. TB) Uncontrolled psychiatric disorder	eGFR not clearly declining Fluctuating compliance
Severe cognitive impairment	Extensive comorbidities
Severe ischemic heart disease	
Severe peripheral vascular disease	
Oxygen dependent respiratory conditions Uncontrolled cirrhosis	

If no red or yellow criteria apply, proceed with transplant education



Transplant Education

- Provide transplant education early and over time
 - Separate from dialysis education
 - Leverage BCT/BCR resources to provide to patients ahead of scheduled visits so visits are individualized
 - Patient resources regarding pre-transplant process
 - 2-pager step-by-step resources
 - Kidney Transplant from a Living Donor booklet
 - Provide ongoing enhanced living donor outreach support







Transplant Education

- Kidney Transplant & Finding a **Living Donor Webinars hosted by BCR & BCT**
 - Next webinar: March 8th 1:00-3:00pm PT
 - Offered twice per year
 - Encourage patients and their prospective donors to attend





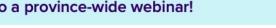
Kidney Transplant & Finding a Living Donor



March 8, 2024 1:00 - 3:00 pm (PT)



You and your family/friends are invited to a province-wide webinar!



Kidney Transplant

- Transplant as a treatment option
- Finding a living donor
- What it means to be a living donor

Speakers will include staff working in the Transplant Centre at St. Paul's Hospital. Also speaking will be a person who has had a kidney transplant and a person who donated their kidney to someone else.

How can I join?

You can join using a computer, tablet or smartphone. If you do not have a computer or your computer does not have an internet connection, you can join by telephone.

+1 833 955 1088 (Toll-free)

Webinar ID: 688 2493 8776

703584 Password:

Please register for this session in advance.

1. Click on this link: https://shorturl.at/cikL8 or scan the QR code

2. After you register, you will receive an e-mail which will tell you how to join the session.

Questions? Email us here

































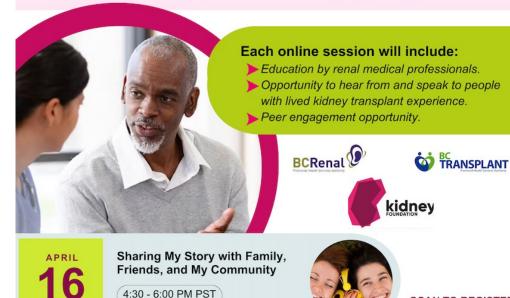
Living Donor Outreach Support for Patients

- **Kidney Foundation of Canada through Kidney Wellness Hub hosting:**
- Tips and Strategies on Finding a Living Kidney Donor
 - 3-part series for people who are looking for a live kidney donor
 - Topics: sharing your story, using social media, managing obstacles and stress
 - Each session includes a patient story, education by expert staff, small group break-outs by peer facilitators
 - April 16th, 23rd, 30th 4:30pm to 6:00pm PST



Tips and Strategies for **Finding a Living Kidney Donor**

A three-part series for people who are looking for a live kidney donor. Family and friends can register and join too!



23

Using Social Media to Help with Donor Outreach

4:30 - 6:00 PM PST

4:30 - 6:00 PM PST





SCAN TO REGISTER

APRIL

Managing Obstacles and Stress while looking for a donor

4:30 - 6:00 PM PST



Living Donor Outreach Support for Staff

- Ongoing staff education, coaching & support
- Living donor outreach conversations and providing ongoing enhanced LD outreach support to patients
 - Open to all renal and transplant staff
 - Focus on challenges and unmet needs
 - Set topics, case scenarios and practical tips
 - Rotating volunteer coaches from KCCs, Regional Transplant Clinics or Provincial Transplant Centres
 - 3-4 sessions per year Timing TBD

More information to come!!





Pre-Transplant Screening & Testing

- Streamline screening and testing criteria to ensure clarity on requirements
 - All screening and testing to be completed prior to referral submission
 - Standard requisition developed to ensure all requirements are met
 - Local wait times to be considered to determine timing of ordering tests





Standardized Referral Orders for Kidney Transplant Assessment (Adult)

Referral must be initiated in PROMIS
 Kidney Transplant
 Referral module

Referral Orders for Kidney Transplant Assessment (Adult) Form ID: xxxxx Rev: October 2021 Page 1 of Mandatory (all patients)		
☐ Select based on criteria: Prescriber check (√) to initiate		
 Ensure Kidney Transplant referral module in PROMIS is Transplant Program: 	initiateq	
☐ Vancouver General Hospital ☐ St. Paul's B	Hospital	
	3. Mandatory Laboratory Tests for Referral Submis	sion:
*Do not proceed with transplant education if any of the 1 Active infection (e.g. TB)	Note: The following tests are <u>valid for 365 days</u> . If res submission, if >365 days those tests need to be repeat	ults are <365 days, those results can be used for referral ted.
Active malignancy (excluding non-melanoma skin can Oxygen dependent respiratory conditions Severe ischemic heart disease Severe peripheral vascular disease Uncontrolled cirrhosis Severe cognitive impairment Active drug or alcohol addiction Active non-compliance to therapy Uncontrolled psychiatric disorder Age>85 *Consult with nephrologist, if unable to clearly identify c	CBC, Sodium (Na), Potassium (K), Bicarb (CO₂), Chloride (CI), Total Bilirubin, Alkaline Phosphatase, eGFR, Creatinine, serum One of the following:	Blood group/Rh Epstein Barr Virus IGG Hepatitis C Antibody HT Lymph Virus I/II (HTLV I/II) Cytomegalovirus IGG (CMV serology) Rubella IGG Mumps IGG Measels Antibody IGG Varicella Zoster Virus IGG SPEP (if ≥50 years of age)
*Consult with nephrologist about providing transplant et • Age 70 to 85	4. Other Mandatory Tests for Referral Submission:	
 eGFR not clearly declining Fluctuating compliance Extensive comorbidities 	Chest X-ray within 6 months of referral submissi EKG within 6 months of referral submission (all p Echocardiogram within 1 year of referral submission)	patients)
*If none of the above criteria apply, proceed with transp	symptoms OR history of cardiac disease): Stress echocardiogram or MIBI or Treadmill or Coronary angiography Note: If coronary angiography has been complete, the	Il diabetics OR patients > 50 years of age OR any cardiac the stress echocardiogram or MIBI or treadmill are not required. The a previous IGRA test has been done. IGRA is the standard test for

☐ TB screening already completed (with IGRA test) or

☐ Previous history of TB with treatment. Refer directly to BCCDC.

Note: Ensure all tests applicable to this patient based on the defined criteria below are uploaded into PROMIS:

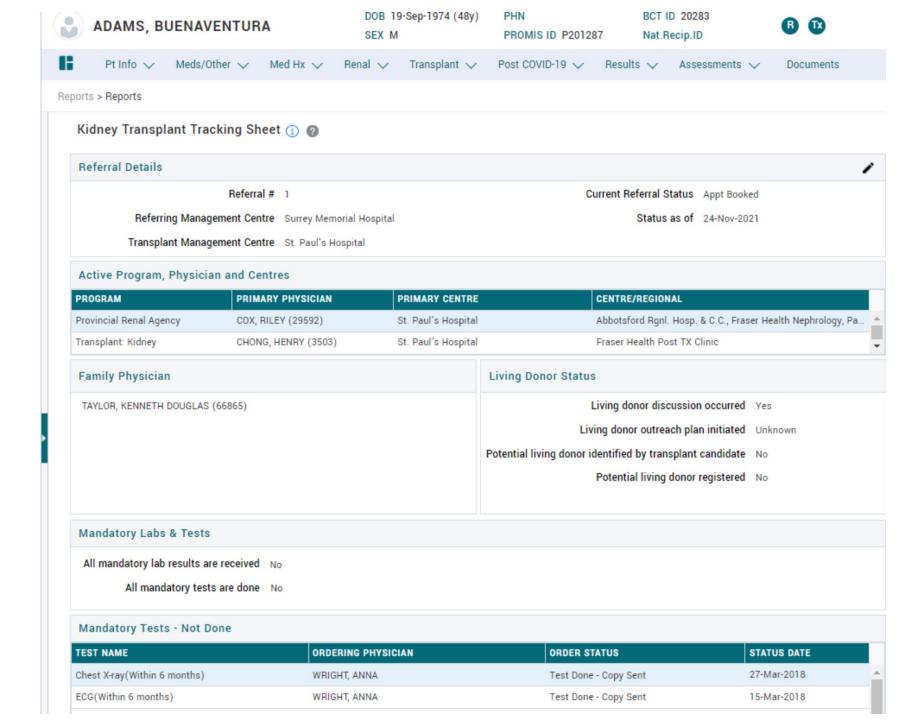
□ FIT valid 2 years (FIT test if age >50. FIT not necessary if normal colonoscopy in the last 5 years)
 □ Mammogram valid 2 years (females age 50-74) if not complete follow-up with primary care
 □ PAP smear valid 3 years (females age 25-69) if not complete follow-up with primary care
 ■ Dental: Inform all patients of requirement to ensure dental check-ups are up to date



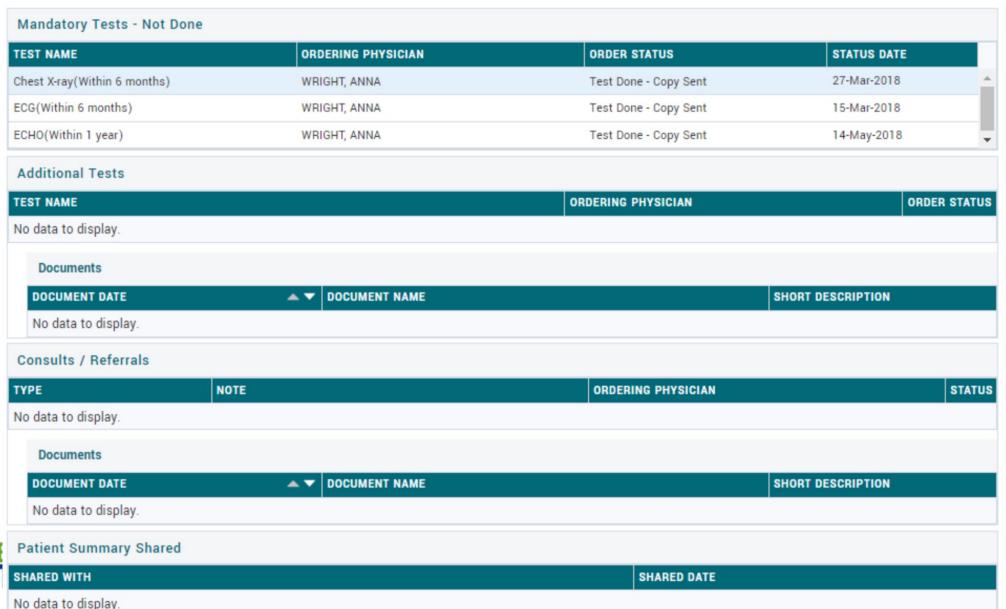
Kidney Transplant Tracking Sheet

 Standardized tracking of tests, consults/referrals, patient summary





Kidney Transplant Tracking Sheet







Streamlined document uploads

- If document already in CareConnect, no need to upload in PROMIS
 - Mammograms and PAPs in CareConnect as per BC Cancer
 - ➤ PROMIS order status available if test results available in CareConnect that enables referral submission without having to upload into PROMIS
- If document not in CareConnect, upload into PROMIS
- If site does not use CareConnect, upload into PROMIS
- Avoid faxing to provincial transplant centres

Guidance for other tests/consults:

• If other events occur while waiting for transplant assessment include recent (up to 3 years) of consults for other major comorbidities such as cardiology, respirology, oncology, hematology, infectious disease and psychiatry





Actionable Next Steps

- ☐ Get to know the Regional Transplant Coordinator/Facilitator in your health authority to find out how they can support you and how you can support them
- ☐ Ensure PROMIS documentation is accurate and up to date (includes document uploads) to facilitate use and awareness across renal and transplant settings
- ☐ Update the implementation worksheet with your team so you know the roles responsible for each step in the pre-transplant process
- ☐ Promote the BCT/BCR Kidney Transplant & Finding a Living Donor webinar and the KFOC 3-part series "Tips and Strategies on Finding a Living Kidney Donor" and encourage patients to register and attend
- ☐ Join the living donor outreach staff session if you want more education/coaching to help better support your patients





Have questions about Transplant First?

Contact Sharon.gradin@phsa.ca, BCR Transplant First Project Manager



