Plasma Protein and Related Products (PPRP) Redistribution Hospital User Guide



Inspiring and facilitating best transfusion practices in Ontario.





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Plasma Protein and Related Products Redistribution User Guide

1. Program Summary

The Provincial Redistribution Program was established in order to provide a mechanism for hospitals to redistribute blood and blood products with an aim of reducing the overall number of components and products that outdate at Ontario hospitals. The Plasma Protein and Related Product (PPRP) portion of the program is a partnership between Ontario Regional Blood Coordinating Network (ORBCoN) and the Factor Concentrate Redistribution Program (FCRP) which requests hospitals to identify near to expiration products or products they know they will not use and facilitates the redistribution of the products.

The current process for the PPRP Redistribution Program was evaluated and recommendations for improvement were formulated based on feedback from stakeholders. The feedback concluded the program is valuable for both cost savings and product savings and the use of upgrading to an online reporting solution for the PPRP redistribution program would increase the efficiency of the process.

Based on the recommendations an online reporting system has been developed using a program called Research Electronic Data Capture (REDCap). This is a hospital user guide for reporting and tracking PPRP inventory to be redistributed in REDCap. ORBCON and FRCP will continue to facilitate the redistribution and cover courier costs where necessary.

REDCap and Interface

2. Hospital Contact Information

The hospital contact information utilized for PPRP Redistribution includes the hospital name, site (if applicable), region and the current redistribution contact name, email and phone number.

This information may be edited and updated at any time by ORBCoN/FCRP. Hospitals may have more than one contact person entered in the redistribution database. The active contacts will receive an invitation email to participate in the PPRP reporting survey, similar to receiving the PPRP bi-monthly report. Only one report should be submitted from your site for each survey period.

*Please contact ORBCoN/FCRP personnel with changes in hospital contacts.

3. Canadian Blood Services (CBS) Product List

Each PPRP distributed by CBS has a unique name, lot number, unit of measure (UOM) and price per year. All products regardless of expiry date are available in the database.

*Please contact ORBCoN / FCRP personnel if you are unable to see a specific product in the product list.

4. How to access REDCap

REDCap (Research Electronic Data Capture) is a secure, web-based software platform designed to support data capture for research studies, providing 1) an intuitive interface for validated data capture; 2) audit trails for tracking data manipulation and export procedures; 3) automated export procedures for seamless data

downloads to common statistical packages; and 4) procedures for data integration and interoperability with external sources.1,2

An email will be sent to each participating hospital on a bimonthly basis that will include the REDCap survey which will allow users to enter/report the soon to expire PPRP inventory at their facility. The reporting may be done at any time during the survey period (60 days), however once you submit the survey is completed.

*Edits may be made by ORBCoN/FCRP personnel or by the hospital if a link is requested from ORBCoN to re-

5. Invitation Email to Hospital Bi-Monthly Survey

- An email invitation from ORBCoN will be sent to all active contacts in the PPRP redistribution program
- A reminder email will be sent if you don't respond to the survey
- There will be a survey link in the email unique to your hospital (and site); please do not forward this link outside your institution
- Please read invitation email for any current updates/alerts on PPRP

Example of invitation email:

Please complete your Bi-monthly Plasma Protein and Related Product report by filling out the survey using the hospital specific link below.

- If you have any product(s) you do not anticipate using before expiry, please indicate the Product name, Lot number, Number of vials and Expiry date you have available to redistribute and we will work with you to try and redistribute it before it expires.
- If you have product(s) you wish to report for redistribution not listed in the product dropdown
 please notify your regional ORBCoN office and provide Product Name, Lot Number, Number of
 vials and Expiry Date.
- 3. In the event of an outbreak: if you require Hep B, VariZIg, GamaSTAN or Cytogam please check with your ORBCoN office first to see if there are products that could be redistributed to your site. These products are in abundance out in the hospital system and are extremely hard to redistribute due to the nature of the product demand and all hospitals stocking the same lot number.

You may open the survey in your web browser by clicking the link below: Bi-monthly Survey.

If the link above does not work, try copying the link below into your web browser: https://mctr.mcmaster.ca/surveys/?s=BCaGxcoVcH

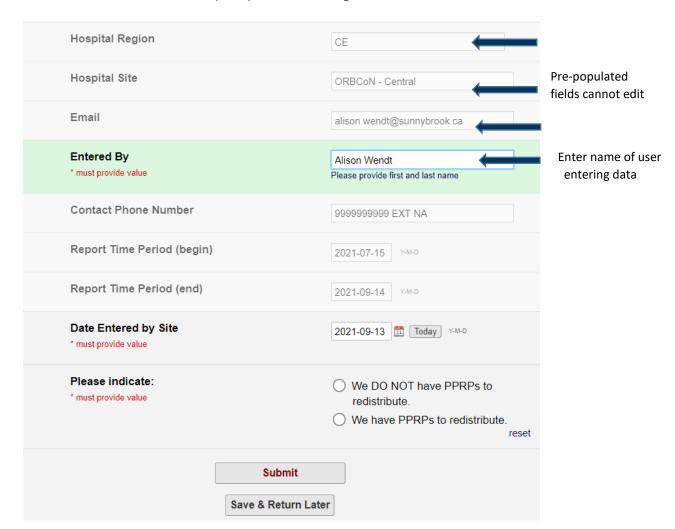
This link is unique to you and should not be forwarded to others.

As always if you have any questions or concerns please do not hesitate to contact one of your ORBCoN or FCRP coordinators.

- Click on the link "Bi-monthly Survey"
- If the link does not work please copy and paste the provided link into your browser
- The following screen will open see screenshot below

Bi-monthly Survey





- The fields will be pre-populated with the information for the active contact in the database to include: Hospital Region, Hospital Site, Email and Contact phone number. These fields cannot be changed. The reporting time period will pre-populate as well.
- Mandatory fields are flagged in red "must provide a value"
- Please note: Email is read only for the active contact.
- Entered by to be completed by active contact and / or designated user entering the PPRP data (First and Last name)
- Date Entered by Site and an indication if you have PPRPs to report for redistribution
 Data will be linked to the current survey and specific hospital but will record the user entering the data

^{*}Please contact ORBCoN / FCRP personnel with any updates to hospital contacts

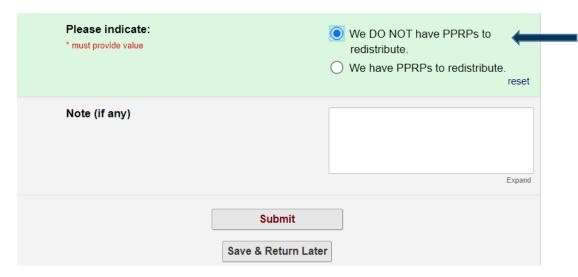
Bi-Monthly Survey Reporting

6. How to enter NO PPRPs to redistribute

Bi-monthly Survey



Hospital Region		CE
Hospital Site		ORBCoN - Central
Email		alison.wendt@sunnybrook.ca
Entered By * must provide value		Alison Wendt Please provide first and last name
Contact Phone Number		999999999 EXT NA
Report Time Period (begin	n)	2021-07-15 Y-M-D
Report Time Period (end)		2021-09-14 Y-M-D
Date Entered by Site * must provide value		2021-09-13 Today Y-M-D
Please indicate: * must provide value		We DO NOT have PPRPs to redistribute.We have PPRPs to redistribute. reset
	Submit Save & Return Lat	er



- If you do not have any product to report in the current period, Select "We DO NOT have PPRPs to redistribute"
- Select "Submit"
- The following message will display (see below)
- Select "Close survey" and you have completed the entry for the reporting period.



Summary Email

A survey summary in PDF format will be sent to your email for your records

Mandatory fields not completed

• If you submit and have not completed all fields the following box will pop up



- Select "Okay"
- Form will re-open. Complete required field(s)
- Select "Submit"

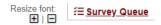
Save and Return Later

• If you select "Save and Return" later, you will see the following:

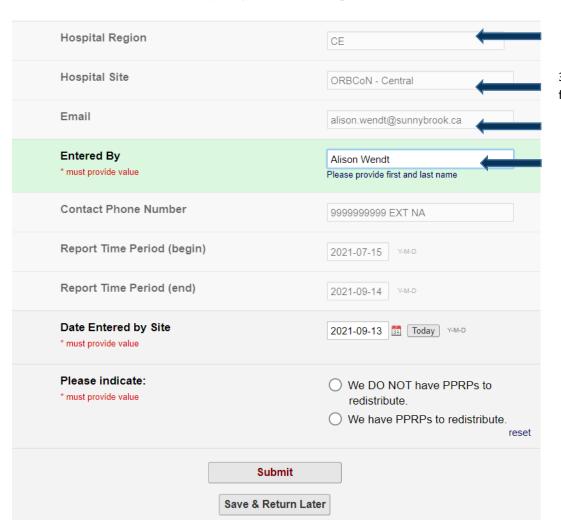
Your survey responses were saved!
You have chosen to stop the survey for now and return at a later time to complete it. To return to this survey, you will need the survey link to this survey.
Survey link for returning You may bookmark this page to return to the survey, OR you can have the survey link emailed to you by providing your email address below. If you do not receive the email soon afterward, please check your Junk Email folder.
Enter email address Send Survey Link
*Your email address will not be stored
Or if you wish, you may continue with this survey again now.
Continue Survey Now

7. How to enter PPRPs to redistribute

Bi-monthly Survey



Plasma Protein and Related Products (PPRP) Redistribution Program For the Province of Ontario

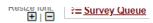


3 Pre-populated fields cannot edit

Enter name of user entering data



CBS Product to Be Redistributed



Hi alison.wendt@sunnybrook.ca,

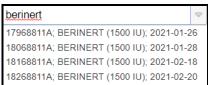
Please fill in your stock report as of 2021-09-13.

Please indicate if you have any of these products in the CBS list, and you anticipate not using them prior to expiry, or you need them redistributed because you do not have a user.

Please note: Products ente Homecare products are no has been returned from Ho	t eligible for redistri	bution. However, if y	
Product List * must provide value			▽ ◆
Product(s) / Vial(s) * must provide value			
Does this product have an date as per storage outside recommended storage tem	e manufacturer's	○ Yes ○ No	reset
Is this product a return from patient? * must provide value	m a Homecare	○ Yes ○ No	reset
I verify the data entered is	correct.	○ Yes ○ No	reset
	Submit and More product to or – Submit	report	
	Save & Return La	ater	

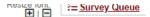
- **Product List** You may search to select the PPRP to enter in the **Product List** one of three ways:
 - 1. Dropdown menu;
 - 2. Typing the product name; and
 - 3. Typing the lot number

Note: Please ensure the correct lot number, product name and dose is selected as there may be multiple options



Search to select product by clicking on product list dropdown

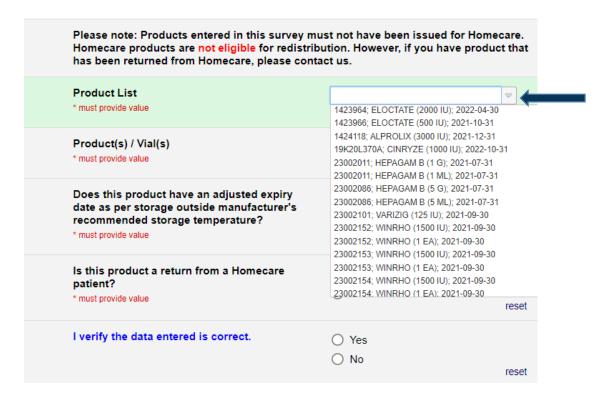
CBS Product to Be Redistributed



Hi alison.wendt@sunnybrook.ca,

Please fill in your stock report as of 2021-09-13.

Please indicate if you have any of these products in the CBS list, and you anticipate not using them prior to expiry, or you need them redistributed because you do not have a user.



2. Search to select product by typing the first letters of the product name

CBS Product to Be Redistributed



Hi alison.wendt@sunnybrook.ca,

Please fill in your stock report as of 2021-09-13.

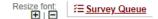
Please indicate if you have any of these products in the CBS list, and you anticipate not using them prior to expiry, or you need them redistributed because you do not have a user.

Please note: Products entered in this survey mus Homecare products are not eligible for redistribu has been returned from Homecare, please contact	tion. However, if you have product that
Product List * must provide value	beri P100063045; BERINERT (1500 IU); 2022-01-2: P100063778; BERINERT (1500 IU); 2022-01-2:
Product(s) / Vial(s) * must provide value	P100074223; BERINERT (1500 IU); 2022-02-0: P100078231; BERINERT (1500 IU); 2022-03-0: P100086815; BERINERT (1500 IU); 2022-03-1: P100087239; BERINERT (1500 IU); 2022-03-2:
Does this product have an adjusted expiry date as per storage outside manufacturer's recommended storage temperature? * must provide value	P100087243; BERINERT (1500 IU); 2022-03-2: P100087247; BERINERT (1500 IU); 2022-03-2: P100087371; BERINERT (1500 IU); 2022-03-2: P100093180; BERINERT (1500 IU); 2022-04-1: P100093188; BERINERT (1500 IU); 2022-04-1: P100094394; Berinert (500 IU); 2021-10-13
Is this product a return from a Homecare patient? * must provide value	P100097929; BERINERT (1500 IU); 2022-04-2! P100098444; Berinert (1500 IU); 2022-04-27 P100105307: BERINERT (1500 IU): 2022-04-31
I verify the data entered is correct.	○ Yes○ Noreset

3. Search to select product by typing the first numbers of the product lot number

CBS Product to Be Redistributed	Resize font:
Hi alison.wendt@sunnybrook.ca,	
Please fill in your stock report as of 2021-09-13.	
Please indicate if you have any of these products in the CBS prior to expiry, or you need them redistributed because you determined to be a second of the cause o	
Plasma Protein and Related Products (PPRP) Redistribution	Program For the Province of Ontario
Please note: Products entered in this survey must Homecare products are not eligible for redistributhas been returned from Homecare, please contact	ition. However, if you have product that
Product List	p100035
* must provide value	P100035190; BERINERT (1500 IU); 2021-10-04 P100035195; BERINERT (1500 IU); 2021-10-06
Product(s) / Vial(s) * must provide value	P100035662; RIASTAP (1 G); 2023-01-16 P100035957; ALBUREX 5% (500 ML); 2021-09-30 P100035958; ALBUREX 5% (500 ML); 2021-09-30
Does this product have an adjusted expiry	○ Yes
date as per storage outside manufacturer's recommended storage temperature?	○ No
* must provide value	16361
Is this product a return from a Homecare patient?	○ Yes
* must provide value	○ No reset
Lyarify the data entered is correct	0
I verify the data entered is correct.	○ Yes ○ No
	reset

- Once you find the appropriate PPRP to report, highlight to select
- **Products(s) / Vials(s)** Enter the number of vials you have in inventory to redistribute.
- This is a free text mandatory field

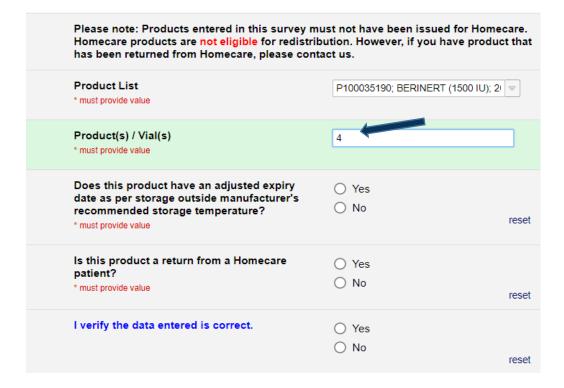


CBS Product to Be Redistributed

Hi alison.wendt@sunnybrook.ca,

Please fill in your stock report as of 2021-09-13.

Please indicate if you have any of these products in the CBS list, and you anticipate not using them prior to expiry, or you need them redistributed because you do not have a user.



- Adjusted expiry date Does product have an adjusted expiry date? Yes / No
- Answer appropriately
- Yes enter the adjusted expiry date

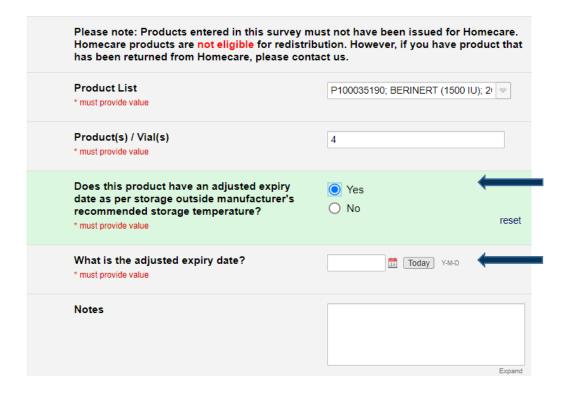


CBS Product to Be Redistributed

Hi alison.wendt@sunnybrook.ca,

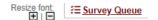
Please fill in your stock report as of 2021-09-13.

Please indicate if you have any of these products in the CBS list, and you anticipate not using them prior to expiry, or you need them redistributed because you do not have a user.



- Adjusted expiry date Does product have an adjusted expiry date? Yes/No
- No proceed to answer the following questions

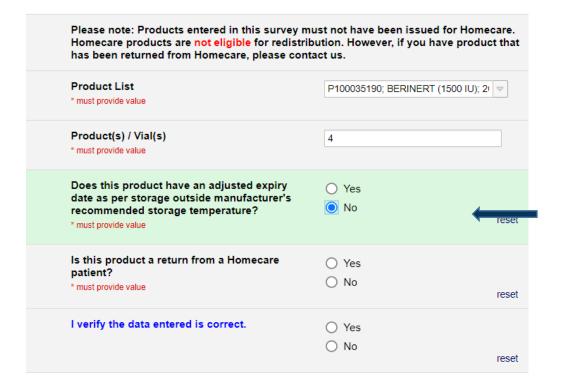




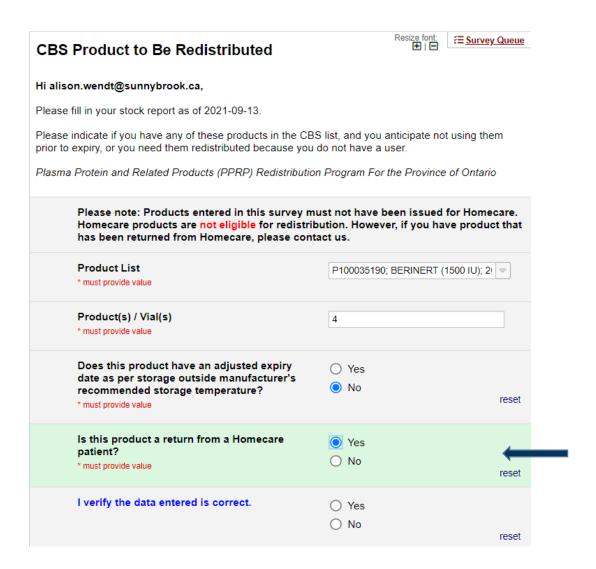
Hi alison.wendt@sunnybrook.ca,

Please fill in your stock report as of 2021-09-13.

Please indicate if you have any of these products in the CBS list, and you anticipate not using them prior to expiry, or you need them redistributed because you do not have a user.



- Homecare Issue Is this product a return from a Homecare patient?
- Yes / No



7a Verify the data is correct - YES

- "I verify the data entered is correct"
 This is verifying the data entry for this one PPRP, number of vials, storage temperature and Homecare issue only
- Select either "Yes / No"
- Answer appropriately

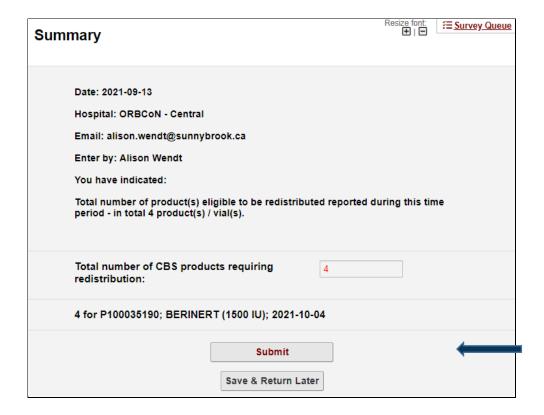
Verify the data is correct - Yes



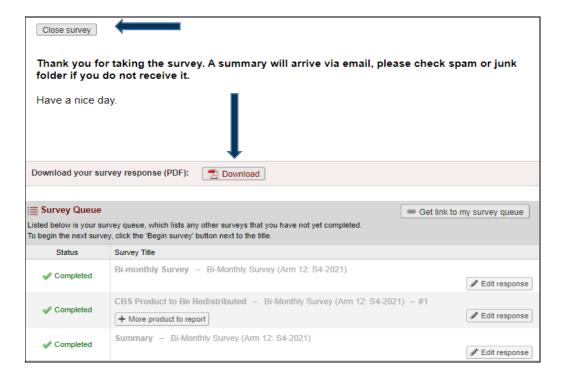
• If you have more product to report, select the "More product to report"



- A blank form will open
- Repeat the above steps for all PPRPs to redistribute
- If you have finished entering all products, select
- The summary screen will open
- Review the Summary to ensure information is correct.
 The total number of vials requiring redistribution and a detailed list of each PPRP name, lot number and expiry
- Select "Submit"



- The following message will display (see below) when "Submit" is selected
- Select "Close survey" if satisfied with the review of your entry
- Select "Download" if you are submitting on behalf of the active contact who will also receive the email summary



- This final screen indicates the Status completed/incomplete by Survey Title
- Each form completed is considered a survey record.
- There are three survey titles
 - Bi-monthly Survey;
 - > CBS Product to be Redistributed; and
 - Summary
- The Survey Title "CBS Product to Be Redistributed" will vary dependent on the number of PPRPs entered as there will be one for each PPRP
- You may edit your entry by selecting the "Edit response" which will re-open the form allowing an edit
- Edits will be discussed in the following section
- "Close survey "– found in the top left corner
- An email will be sent to the active contact with a PDF of your survey data entered
- Select "Download" if you are submitting on behalf of the active contact, who will also receive the email summary

fidential	Record ID 1000041-54-2021 ORBCoN - Central (Bi-Monthly Survey)
Summary	Page 1
Response was added on 09/13/2021 2:37pm.	
Date: 2021-09-13	
Hospital: ORBCoN - Central	
Email: alison.wendt@sunnybrook.ca	
Enter by: Alison Wendt	
You have indicated:	
Total number of product(s) eligible to be redistributed re	eported during this time period - in total 4 product(s) / vial(s).
Total number of CBS products requiring redistribution:	4
4 for P100035190; BERINERT (1500 IU); 2021-10-04	
I verify the data entered is correct.	⊗ Yes ○ No

7b Verify the data is correct – NO

- "I verify the data entered is correct"
 This is verifying the data entry for this one PPRP, number of vials, storage temperature and Homecare issue only
- Select either "Yes / No"
- Answer appropriately

CBS Product to Be Redistributed

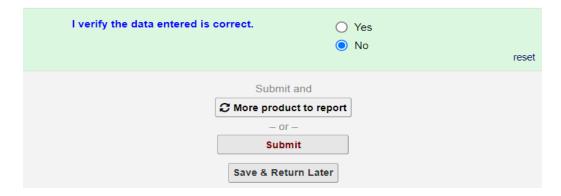


Hi alison.wendt@sunnybrook.ca,

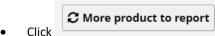
Please fill in your stock report as of 2021-09-13.

Please indicate if you have any of these products in the CBS list, and you anticipate not using them prior to expiry, or you need them redistributed because you do not have a user.

Plasma Protein and Related Products (PPRP) Redistribution Program For the Province of Ontario



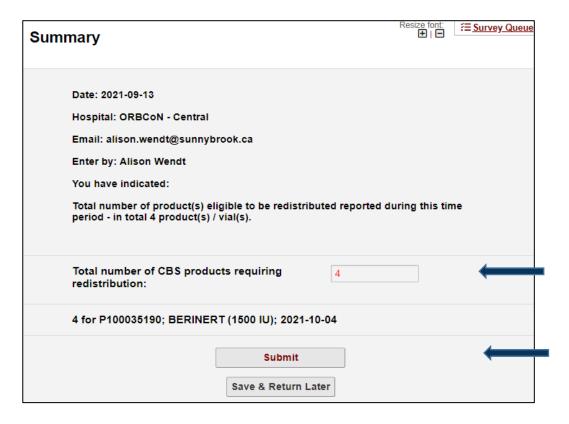
- If you select "No" the data entered will not be saved and the form above will open immediately with the option to select:
 - "More product to report";
 - o "Submit"; or
 - o "Save and Return Later"
- If you have more product to report



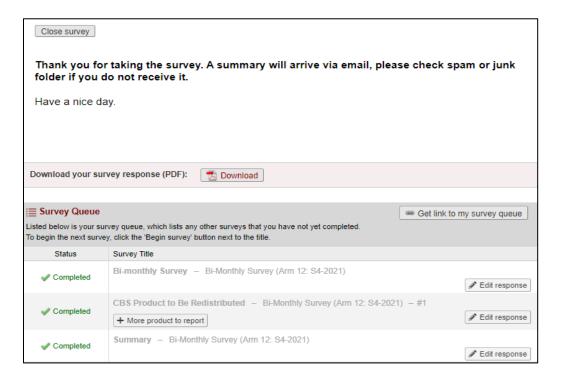
- Click
- A blank form will open
- Repeat the above steps until you are finished entering your PPRPs to redistribute



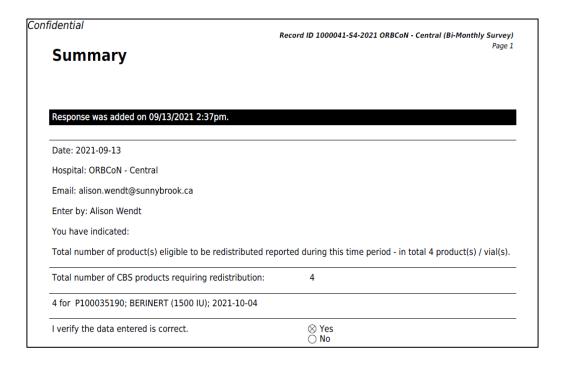
The summary screen will open



- Review the "Summary" to ensure information is correct. The total number of vials requiring redistribution and a detailed list of each PPRP name, lot number and expiry
- The "Summary" will display the total number of CBS PPRPs requiring redistribution and a detailed list of PPRP, lot number and expiry date
- Select "Submit" when satisfied with your entry



- This final screen indicates the Status completed/incomplete by 'Survey Title'
- Each form completed is considered a survey.
- There are three survey titles:
 - Bi-monthly Survey;
 - > CBS Product to be Redistributed; and
 - Summary
- The Survey Title "CBS Product to Be Redistributed" will vary dependent on the number of PPRPs entered, as there will be one for each PPRP
- You may edit your entry by selecting the "Edit response" which will re-open the form allowing an edit
- Edits will be discussed in the following section
- "Close Survey" found in the top left corner
- An email will be sent with a PDF of your survey data entered and/or you may download and print the survey responses in PDF



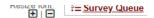
8. How to Save and Return Later

If you select
 Save & Return Later the following message will appear

You have chosen to stop the survey for now and return at a later time to complete it. To return to this survey, you will need the survey link to this survey. Survey link for returning You may bookmark this page to return to the survey, OR you can have the survey link emailed to you by providing your email address below. If you do not receive the email soon afterward, please check your Junk Email folder. Enter email address Send Survey Link * Your email address will not be stored	Your survey re	sponses were saved!
You may bookmark this page to return to the survey, OR you can have the survey link emailed to you by providing your email address below. If you do not receive the email soon afterward, please check your Junk Email folder. Enter email address Send Survey Link	•	urvey for now and return at a later time to complete it. To return to this survey, you will need the survey link
	You may bookmark this page t below. If you do not receive th	e email soon afterward, please check your Junk Email folder.
* Your email address will not be stored	Enter email address	Send Survey Link
	* Your email address will not be stor	ed
	Continue Survey Now	

- Answer appropriately to return later
- Click "Continue Survey Now' if you wish to finish
- 9. How to exit a blank screen when no more PPRPs to enter for redistribution





Hi alison.wendt@sunnybrook.ca,

Please fill in your stock report as of 2021-09-13.

Please indicate if you have any of these products in the CBS list, and you anticipate not using them prior to expiry, or you need them redistributed because you do not have a user.

	contact us.	
Product List * must provide value		
Product(s) / Vial(s) * must provide value		
Does this product have an adjusted expiry		
date as per storage outside manufacturer's recommended storage temperature? * must provide value	○ No	
Is this product a return from a Homecare patient?	○ Yes	
* must provide value	○ No	
I verify the data entered is correct.	○ Yes	
	○ No	
Submit a	and	
⊘ More produc	t to report	
-10 -		
Submi	t	

- Blank screen opens due to selecting "More product to report"
- If you do not have any more entries, select "No" to the question "I verify the data entered is correct"



CBS Product to Be Redistributed

Hi alison.wendt@sunnybrook.ca,

Please fill in your stock report as of 2021-09-13.

Please indicate if you have any of these products in the CBS list, and you anticipate not using them prior to expiry, or you need them redistributed because you do not have a user.

Plasma Protein and Related Products (PPRP) Redistribution Program For the Province of Ontario



- The data entered will not be saved and the blank form will open
- Follow steps in 7b for saving blank form, survey summary and email summary

10. What to do when you miss entering a field

If you miss a field this pops up



Select Okay and return to previous page and enter required fields

Components of the Survey (Queue) -Survey Title, Status

11. Looking at the Survey Queue

- This final screen indicates the Status complete/incomplete by 'Survey Title'
- Each form completed is considered a survey:

Bi-monthly survey – Hospital information;

CBS Product to be Redistributed – PPRPs to redistribute; and

Summary – summary of PPRPs reported and verified

- Each form has the functionality to edit response
- The Survey Title "CBS Product to Be Redistributed" will vary dependent on the number of PPRPs entered.

Example: Bi-monthly Survey (Arm 12: S4-2021) - #1

This unique number/identifier will be assigned for each PPRP entered (Arm12: S4-2021) #2, (Arm12: S4-2021) #3 etc.

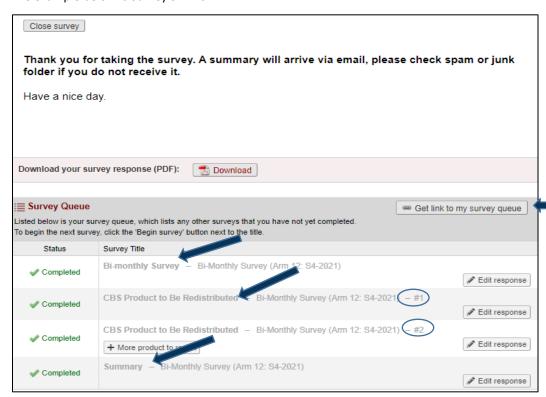
• The survey arm is important to recognize as it is in each form and indicates the current survey you are entering:

S = Survey, there are 6 surveys per year as it is a bi-monthly survey report ie. S1, S2, S3 etc.

2021 = year, the survey year

S4-2021 = Survey 4 (July / September) in 2021

The example below is Survey S4 - 2021



- · You may edit your entry by selecting the "Edit response" which will re-open the form allowing an edit
- Edits will be discussed in the following section

- You may add more product by selecting, "+ More product to report" (see below)
- "Close survey" found in the top left corner
- An email will be sent with a PDF of your survey data entered and/or you may download and print the survey responses in PDF

11.a Survey Queue – Edit Response

- CBS Product to Be Redistributed Bi-Monthly Survey
- Each PPRP entered has a unique number in the order of entry ie.#1 #2
- Select Edit Response for the PPRP you wish to edit
- (If you don't remember the sequence you entered the PPRPs in, you may have to click edit response on more than one until you open the PPRP you wish to edit)
- The CBS Product to Be Redistributed Form will open displaying the data entered, edit response accordingly and save

Follow steps in 7.0 how to Enter PPRPs

11.b Survey Queue – Add More Product

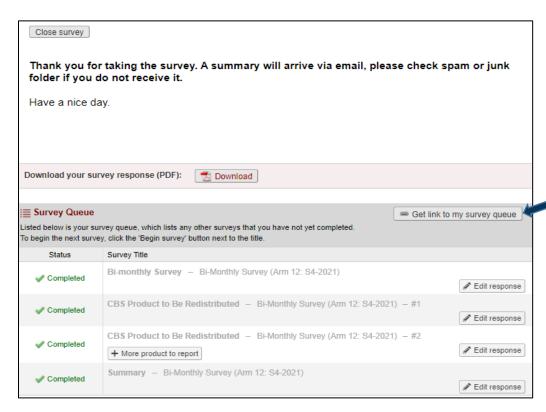
If you need to add more PPRPs and are on the summary page, select

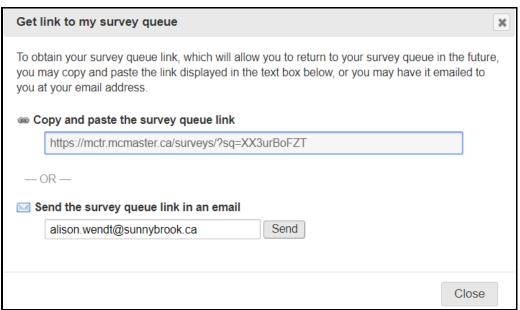


- The CBS Product to Be Redistributed form will open
- Follow steps from 7.0 How to Enter PPRPs



11.c Survey Queue – Get Link to my Survey





12. References

¹PA Harris, R Taylor, R Thielke, J Payne, N Gonzalez, JG. Conde, Research electronic data capture (REDCap) – **A metadata-driven methodology and workflow process for providing translational research informatics support**, *J Biomed Inform. 2009 Apr;42(2):377-81*.

²PA Harris, R Taylor, BL Minor, V Elliott, M Fernandez, L O'Neal, L McLeod, G Delacqua, F Delacqua, J Kirby, SN Duda, REDCap Consortium, **The REDCap consortium: Building an international community of software partners**, *J Biomed Inform. 2019 May 9 [doi: 10.1016/j.jbi.2019.103208]*