PRoMPT BOLUS

PRagMatic Pediatric Trial of Balanced vs nOrmaL Saline FlUid in Sepsis

PRoMPT BOLUS Update for CC Best Practice Alert (BPA) integration

Protocol Version: 2.0, 27-Apr-2022

Date: 20-Oct-2022

What’s the deal with Best Practice Alerts (BPAs)?

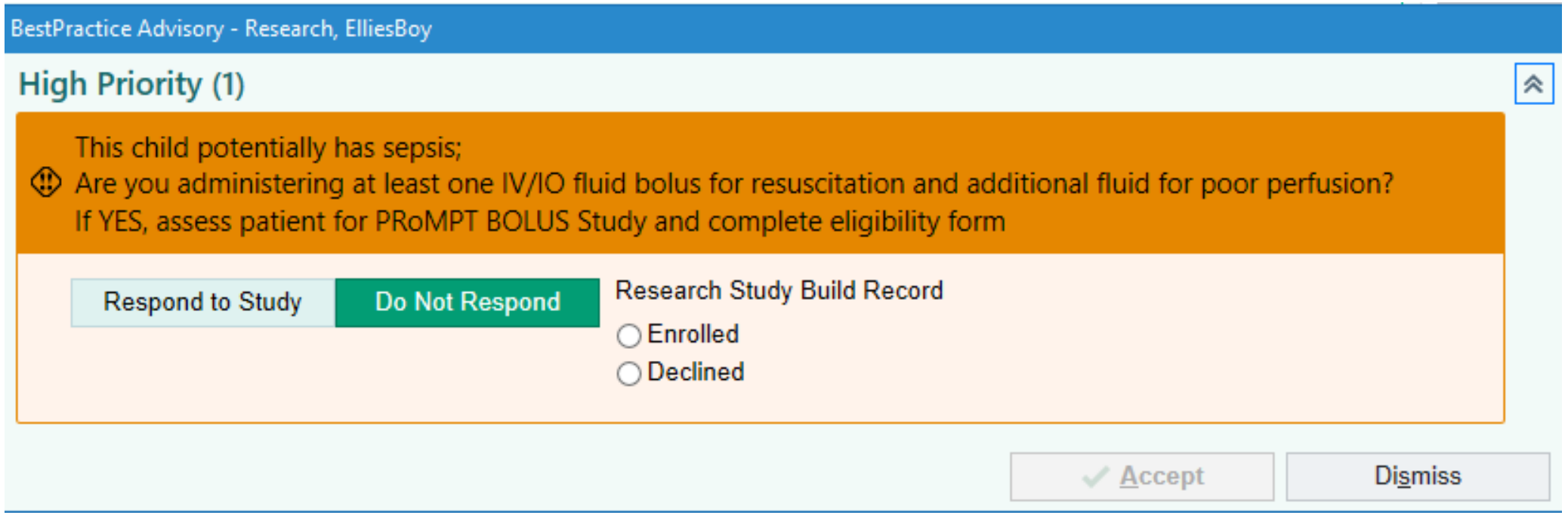
- BPAs are designed to guide clinician decisions in the CC environment
- BPAs will appear on the CC screen if a specific set of criteria are met, presenting the clinician with defined options

The PRoMPT BOLUS BPA

- The purposes of the PRoMPT BOLUS BPA are to
  - Help ED clinicians identify potential study participants for this pragmatic trial
  - Support communication with ED and Inpatient teams related to participant enrolment.

Note: The BPA does NOT replace the other processes of screening, completing eligibility forms, opening randomization envelopes and treating the participant.

What does the PB Study BPA look like?



This is the main alert that you will see

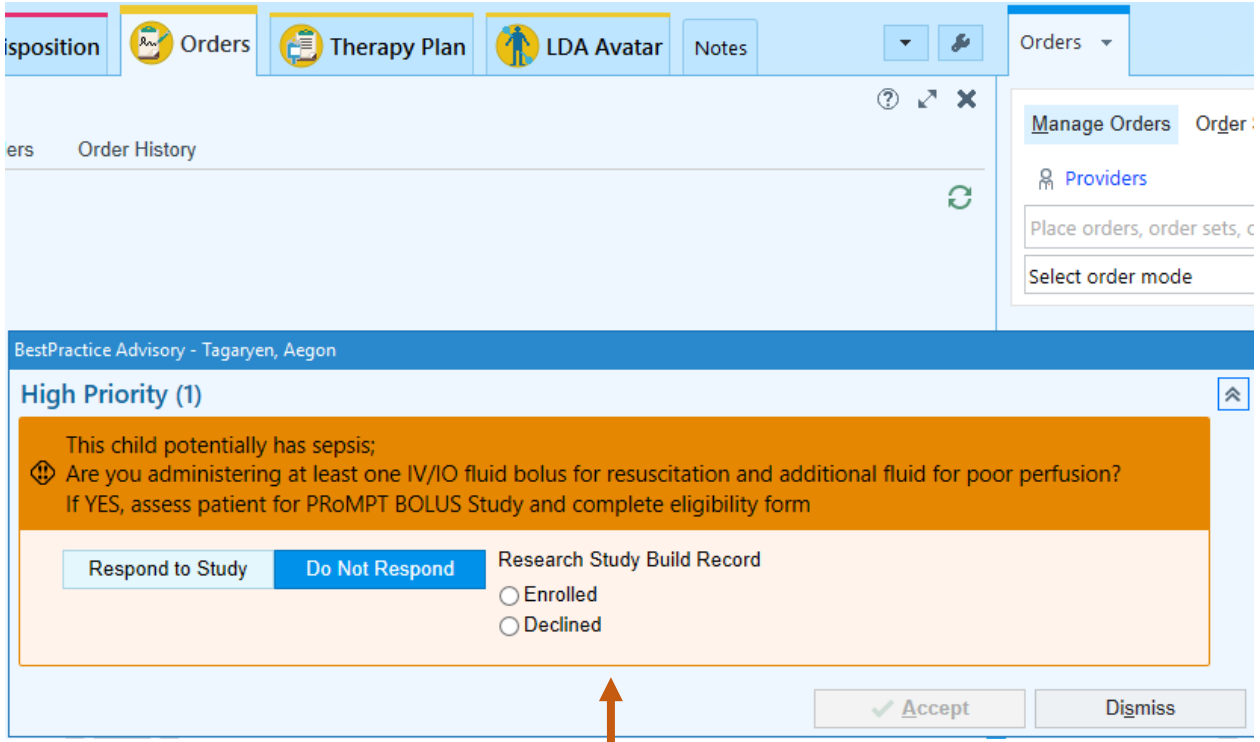
When will the BPA show up?

The PB Study BPA trigger criteria include

- Aged 6 to < 18yo
- Sepsis Screen positive OR sepsis/septic shock is added as a diagnosis or in the problem list
- ACH or Stollery only

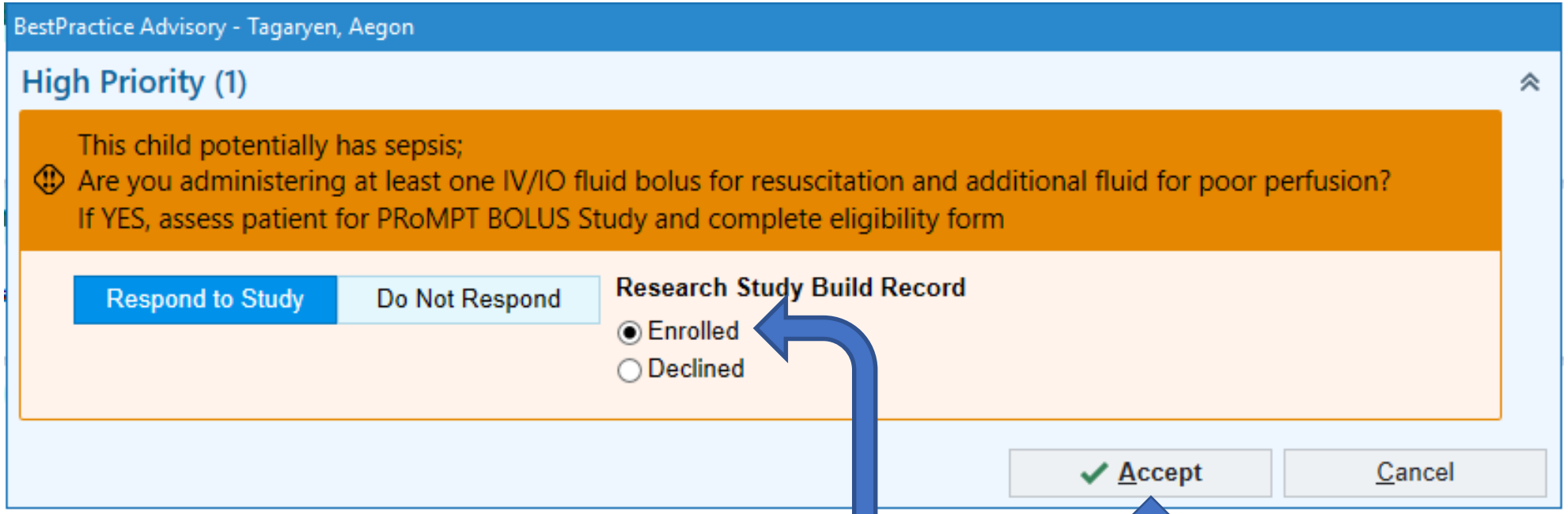
- It will notify the clinician when the Orders activity is opened.

Orders Tab Opened



BPA appears on screen

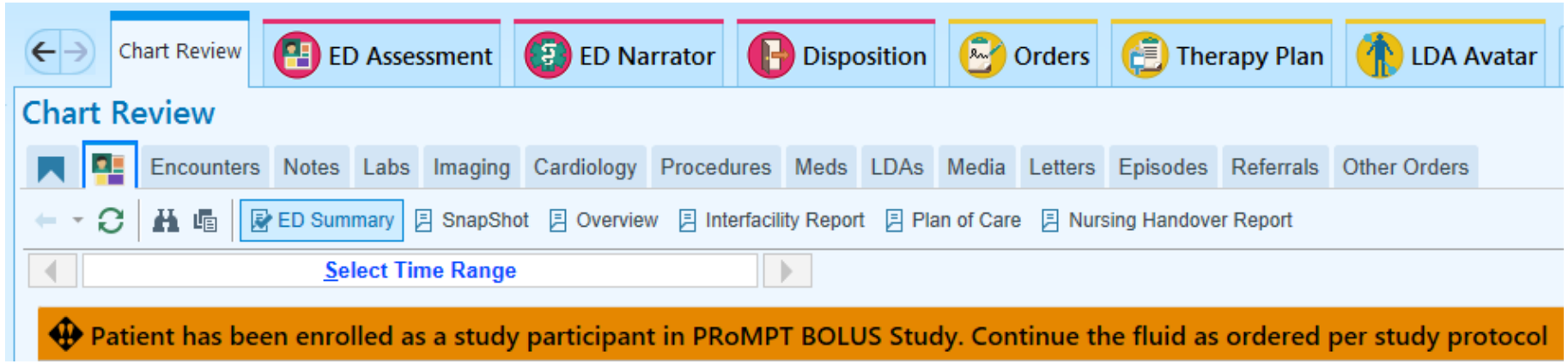
What should I do to ENROLL a patient?



To ENROLL a participant (i.e. eligibility criteria met and you are opening a randomization envelope, click on:

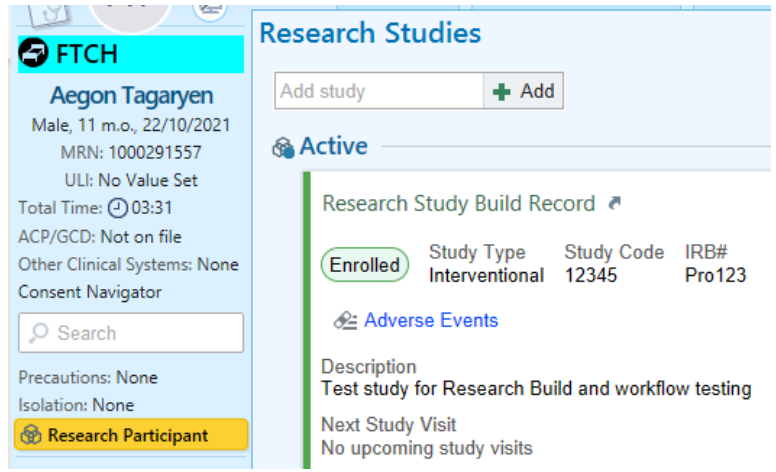
Enrolled & Accept

If you enroll a participant, you will see…



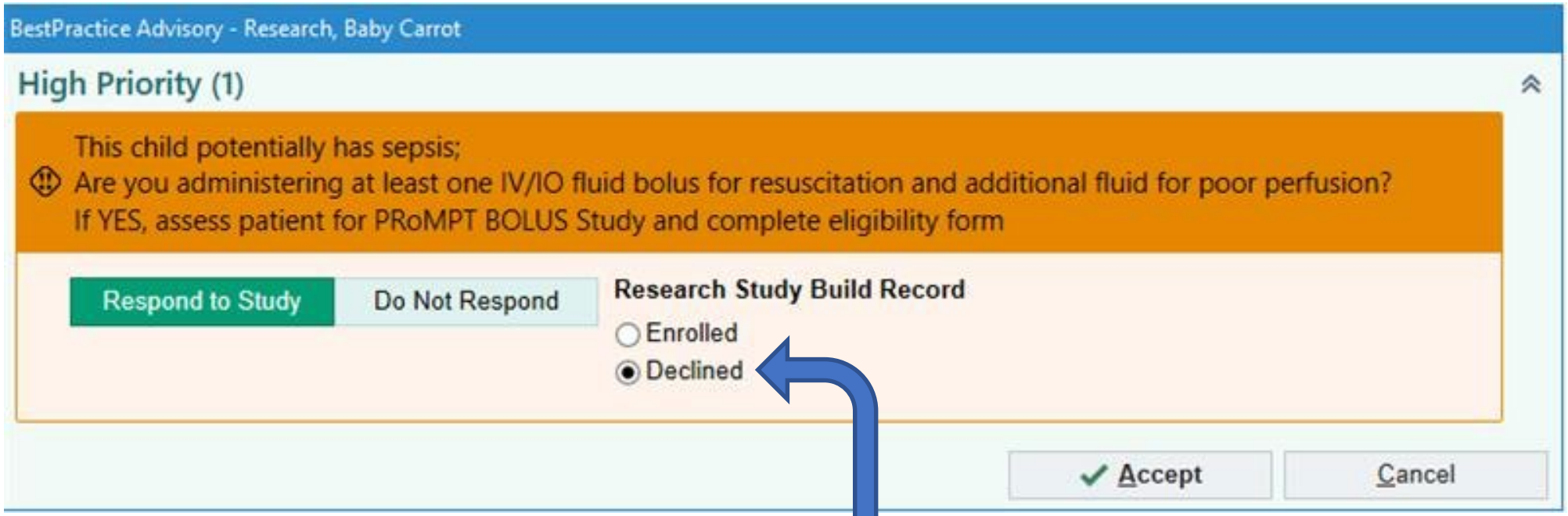
1) A bright orange Banner located on Chart Review ED Summary
   This is specific to PRoMPT BOLUS

2) A yellow Research Participant notification on the Story Board
   This is generic to all research study enrolments



These will stay in place during the intervention window
(until 23:59 the day after randomization)

What should I do to DECLINE enrolment?

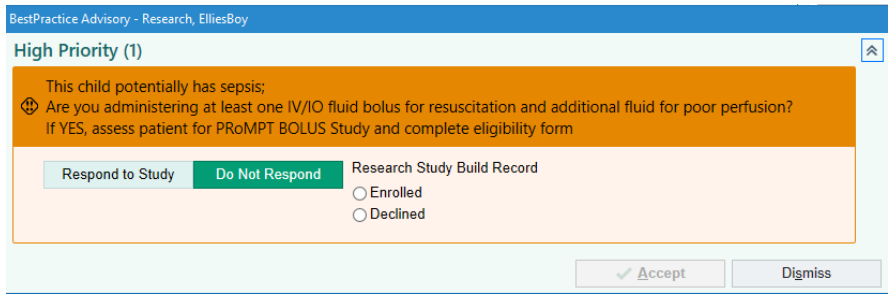


To DECLINE a participant (does not meet eligibility criteria), click on:

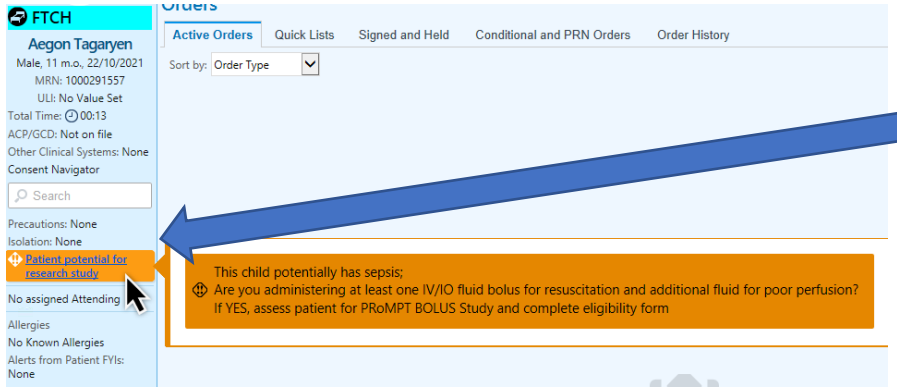
Declined & Accept

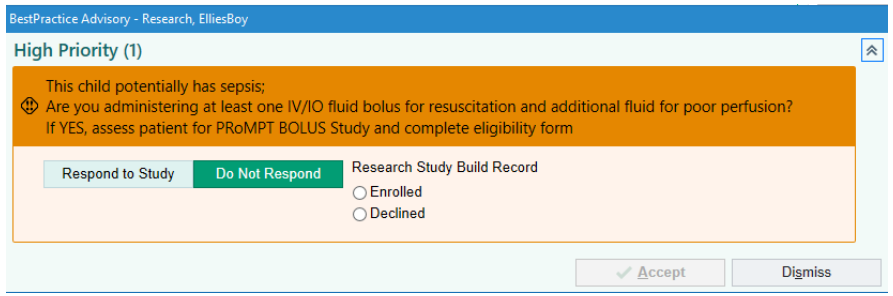
NOTE: If you decline, ALL notifications will disappear.

What if I'm unsure & need to check Eligibility?



1) Click on Dismiss.
   A small orange BPA notification will appear on the Story Board (hover to discover)





2) Complete a Study Eligibility Form, Sign & Date
3) Go back into CC. Click on orders tab…the BPA will appear back on your screen for completion. Choose Enrolled or Declined, then Accept.

And to review….

1) If BPA criteria are met, an orange study visual will appear when you try to place an order
2) If the child is PB eligible, click “Enrolled” and “Accept”.
3) If the child is NOT PB eligible, click “Declined” and “Accept”
4) If you are unsure about eligibility, click “Dismiss”. Go complete the eligibility form. Come back to CC, go into Orders and complete the BPA, ”Enrolled” or “Declined” as above.

Feedback

- This is the 1st research BPA put into CC in Alberta.
- We will be testing this BPA for the next 3 months.
- We would love to hear your feedback during this time. Please send us any thoughts by email.
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