Optimizing Ordering Blood and Blood Products – New BPA

New decision support for ordering red blood cells and plasma is in place to promote best practice.

When ordering Red Blood Cells and Plasma, if the patient does not meet identified criteria you will receive a BPA with a display of the patient’s HGB and a recommendation for ordering or to hold ordering for now.

These BPAs will not fire for any provider when logging into a perioperative area to assure OR work is not interrupted.

Red Blood Cell Exclusion Criteria

BP Exclusion Criteria:
Will NOT fire if the patient has an abnormal low blood pressure and is at least 13 years old:

- Diastolic BP < 60 or Systolic BP < 90 IF the patient is > or equal to 13 years of age

Hemoglobin Exclusion Criteria:
Will not fire if the patient has a:

- HGB < 8 in the last 24 hours - for any patient

Steps to Follow

1. Order your blood/blood product
2. If your patient meets the exclusion criteria you will proceed as normal with your order with no BPA
3. If your patient does not meet the exclusion criteria as noted above, you will see a newly formatted BPA pop up.

- Remove (the following orders) will be preselected
- Click Accept to close the order without ordering any blood
4. If, based on other clinical criteria you determine the patient still needs the blood:

- Click **Keep**
- Select the **Acknowledge Reason** appropriate for your patient - this is a hard stop!
- Click **Accept**
- Proceed with ordering the blood
Plasma Exclusion Criteria

Plasma BPA will not fire if the patient has an:

- INR < or equal to 1.7 in the last 24 hours

Steps to Follow

1. The Plasma BPA will work the same way as the Red Blood Cell BPA and will default to REMOVE if the patient does not meet the exclusion criteria.