

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

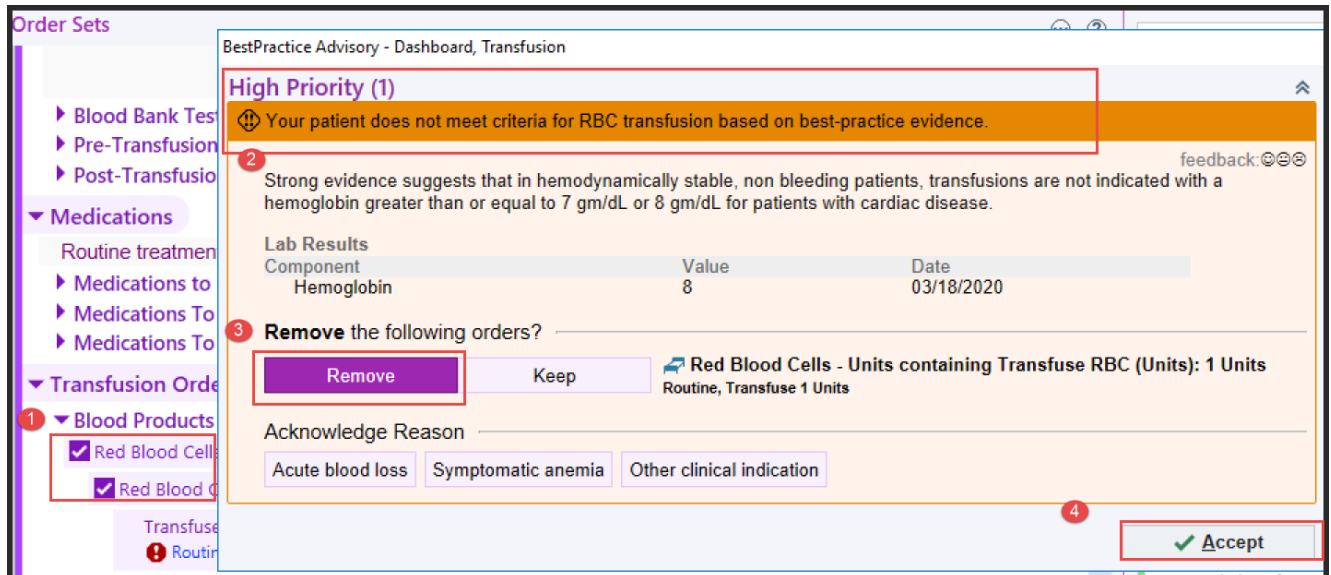
Hemoglobin Exclusion Criteria:

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



BestPractice Advisory - Dashboard, Transfusion

High Priority (1)

⚠ Your patient does not meet criteria for RBC transfusion based on best-practice evidence.

Strong evidence suggests that in hemodynamically stable, non bleeding patients, transfusions are not indicated with a hemoglobin greater than or equal to 7 gm/dL or 8 gm/dL for patients with cardiac disease.

Lab Results

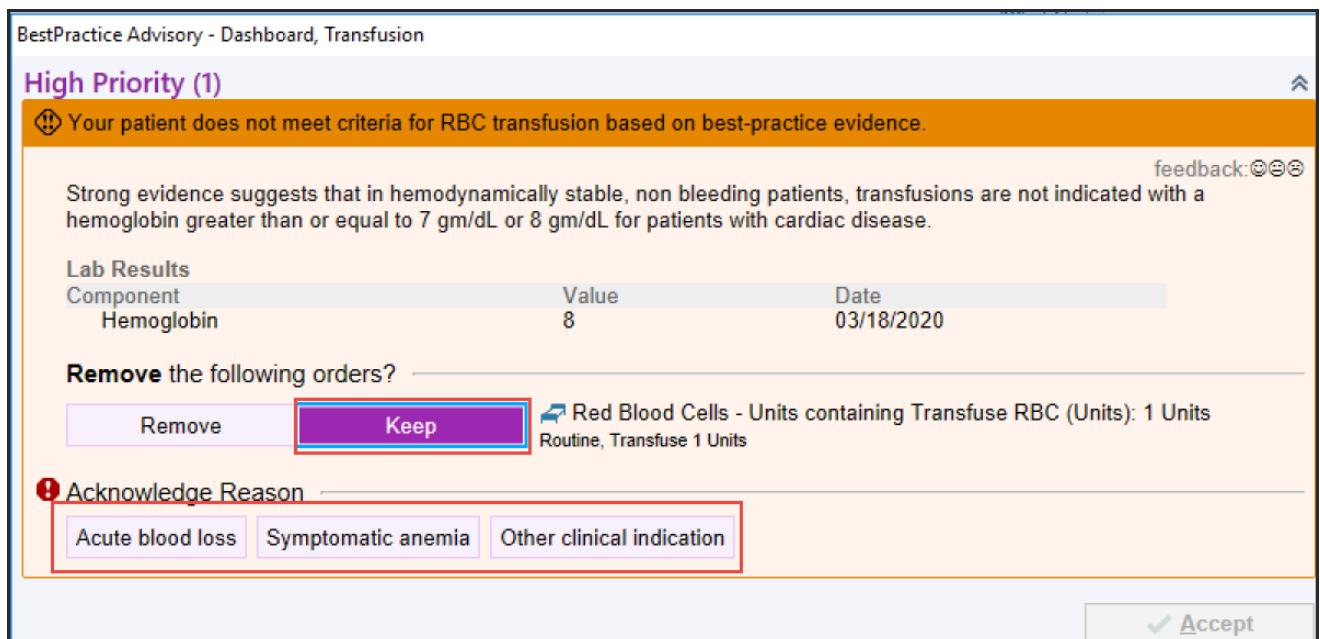
Component	Value	Date
Hemoglobin	8	03/18/2020

Remove the following orders? Red Blood Cells - Units containing Transfuse RBC (Units): 1 Units
Routine, Transfuse 1 Units

Acknowledge Reason

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



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Lab Results

Component	Value	Date
Hemoglobin	8	03/18/2020

Remove the following orders? Red Blood Cells - Units containing Transfuse RBC (Units): 1 Units
Routine, Transfuse 1 Units

Acknowledge Reason

Plasma Exclusion Criteria

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

BestPractice Advisory - Dashboard, Transfusion

High Priority (1)

⚠ Your patient does not meet criteria for FFP transfusion based on best-practice evidence. feedback: 😊 😐 😞

Strong evidence suggests that FFP transfusion is not required in patients with minimally elevated INR (less than or equal to 1.7) to prevent bleeding or prior to procedure AND does not completely correct INR.

Lab Results Component	Value	Date
INR	1.7	03/18/2020

Remove the following orders? _____

Acknowledge Reason _____