

Regional Blood Supply Protocol

Red Blood Cells

- The following represents established regional standards according to current regional inventory levels.
- Orders that fall outside of these parameters will be considered on a case-by-case basis.

Conventional

- *Adhere to Patient Blood Management (PBM) guidelines*

Contingency

- In stable, non-bleeding patients:
 - Obtain Hb level within 8 hours prior to submitting order
 - Transfuse one unit, then re-evaluate
 - Obtain new Hb level prior to additional orders

Near Crisis

- Postpone select elective procedures
- Limit RBC transfusions to the following settings:
 - Hemodynamic instability
 - Unstable coronary artery disease with Hb <8g/dL
 - Stable, non-bleeding patients with Hb <7g/dL
 - Obtain Hb level within 8 hours prior to the order
 - Transfuse one unit, then re-evaluate
 - Obtain new Hb level prior to additional orders

Crisis

- Postpone elective procedures
- Limit RBC transfusions to the following settings:
 - Hemodynamic instability
 - Unstable coronary artery disease with Hb <8g/dL
- Avoid transfusions in stable, non-bleeding patients
 - However, if circumstances dictate, recommend at least <6g/dL threshold
 - Obtain Hb level within 8 hours prior to the order
 - Transfuse one unit, then re-evaluate
 - Obtain new Hb level prior to additional orders
- Consider alternatives to transfusion such as the following:
 - Hysterectomy in OB hemorrhage
 - Reduced ECMO target parameters