

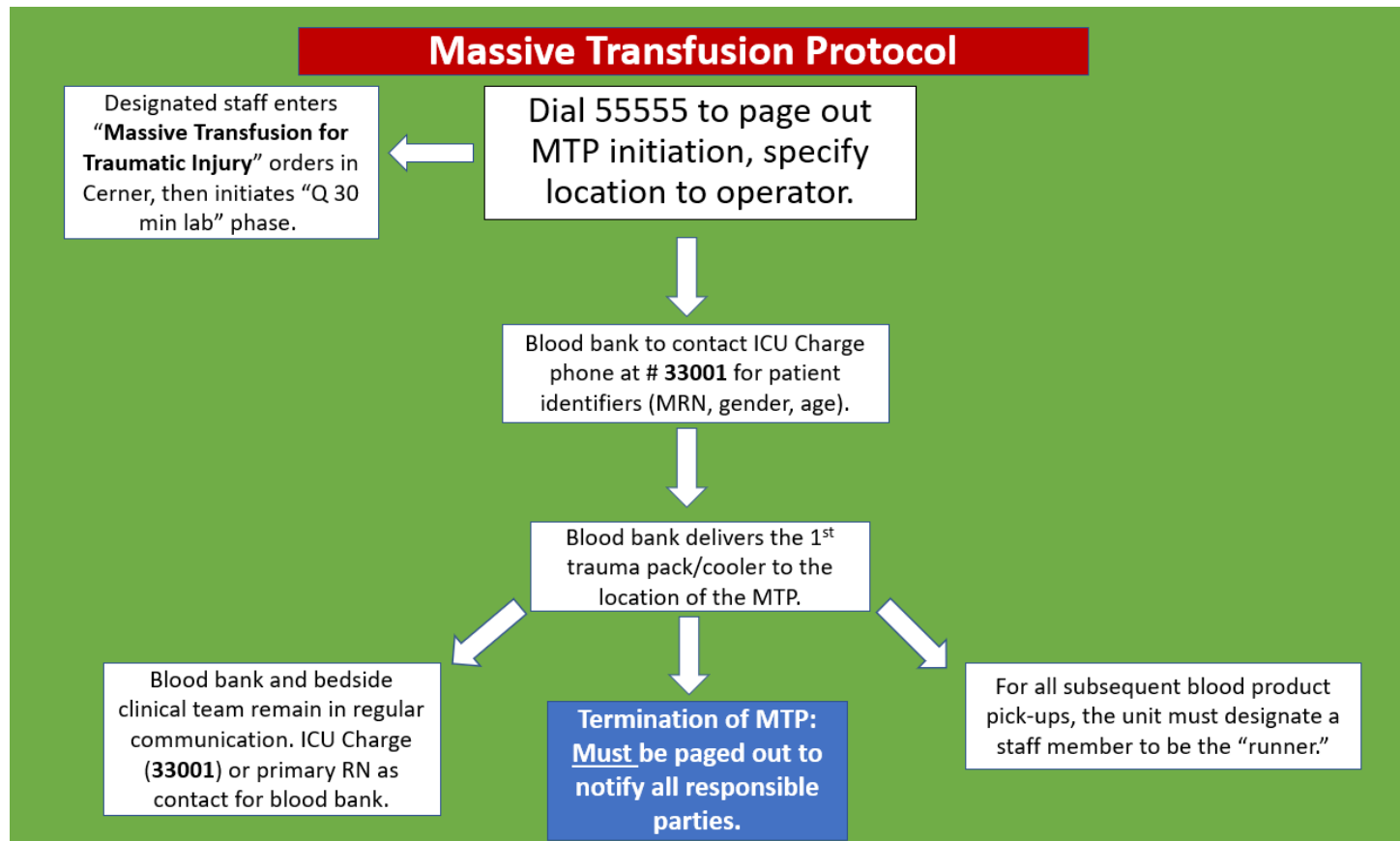


Massive Transfusion Protocol

Delivery of blood products

- Multidisciplinary team met: included Blood Bank, Trauma, OR, ICU, ED, OB
- Developed a process where the first pack in the MTP will be delivered to the department by the blood bank, no matter where it happened in the hospital.
 - All subsequent packs to be picked up by a designated runner from the department/unit initiating the MTP.

Delivery of Blood Products



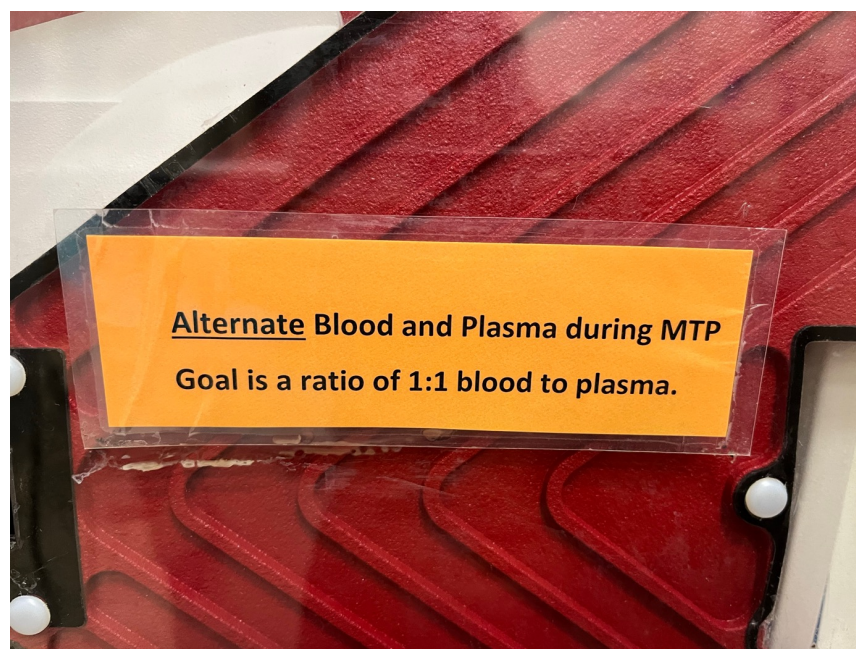
Delivery of Blood Products

- All Trauma-related MTPs are reviewed through the PIPS process.
- Debriefs take place if/when anyone involved has concerns about the process, communication, or any part of the MTP.

Blood to Plasma Ratio

- Nursing education:
 - Engaged educators from the ED, ICU, and OR to add this topic to shift huddles, emphasize the balanced resuscitation in the annual MTP education, and share the trend we were seeing.
- Provider education:
 - Any cases that had a significantly unbalanced ratios discussed with the provider directly.
 - This as a reminder that the team leader needs to drive the 1:1 transfusion
 - Understand their perceived barriers/opportunities during the event

Blood to Plasma Ratio



How are we doing?

What's next?

- Whole blood at Munson Medical Center!