



<b>DATE:</b>	2021 March 22
<b>TO:</b>	Calgary Zone: Physicians, Nurses, and Porters
<b>FROM:</b>	Transfusion Medicine, Alberta Precision Laboratories (APL)
<b>RE:</b>	<b>Changes to Massive Hemorrhage Protocol</b>

---

## PLEASE POST OR DISTRIBUTE AS WIDELY AS APPROPRIATE

---

### Key Message:

Effective **April 5, 2021**:

- Massive Transfusion Protocol (MTP) will change to Massive Hemorrhage Protocol (MHP).
- The number of Red Blood Cell (RBC) units included in **adult** MHPs will decrease from 6 to 4.
- Initial **adult** MHPs will contain 2 grams of fibrinogen (4 grams will be issued to Post-Partum Hemorrhage patients).

### Background:

- Terminology is changing to align with other zones across the province.
- For **adult** MHPs, the number of RBC units will decrease from 6 to 4 to provide a one-to-one ratio with the 4 units of thawed plasma that are issued in MHPs.
- Fibrinogen concentrate represents an important option for treating coagulopathic bleeding, allowing reduction of allogeneic blood product transfusion.

### Action Required:

- Continue to request MHPs from Transfusion Medicine as per usual practice

### Questions/Concerns:

- Joanna McCarthy, Regional Technologist III, 403-944-8466, [joanna.mccarthy@aplabs.ca](mailto:joanna.mccarthy@aplabs.ca)
- Nicole Gettle, Calgary Transfusion Safety Leader, 403-944-6399, [Nicole.Gettle@aplabs.ca](mailto:Nicole.Gettle@aplabs.ca)

### Approved by:

- Leland Baskin, MD, FAACC, Associate Medical Director, South Sector