

DATE:	2022 October 3
TO:	Connect Care Live & Interim State Sites – Prescribers, Nurses and Laboratory Staff
FROM:	Dr. Susan Nahirniak, Transfusion & Transplantation Medicine, Alberta Precision Laboratories (APL)
RE:	Changes to Laboratory Orders within the Massive Hemorrhage Protocol (MHP) Panel

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Key Message

- To address clinical concerns with the turn around times and handling of laboratory orders placed on Massive Hemorrhage Protocol (MHP) patients, changes have been made to the lab orders within the MHP order panel in Connect Care. No additional steps to place these orders will be required by clinical teams. This will go live on **Wednesday September 21, 2022**.
- The tests within the MHP order panel have been limited to those that are able to be addressed by transfusable components or derivatives– Hemoglobin (HB), Platelet Count (PLT), PT INR and Fibrinogen.
 - At the Lab Live interim state sites (Grey Nuns & Misericordia Community Hospitals)- Orders for a CBC(D) on a MHP patient will be replaced with MHP HB and MHP PLT.
- The specimen label on any MHP lab orders will be backlit to allow easier identification of the samples for laboratory staff handling receipt and processing of these samples.

Background

- During an MHP, timely results are critical for transfusion support. Where point of care technologies are not available, the laboratory has modified testing to allow faster turnaround of results.
- This includes releasing results as quickly as possible rather than awaiting confirmation; caveat comments will be appended where relevant.
- Changes will allow for easier identification of specimens associated with MHP coagulopathy assessment upon receipt in the laboratory flagging them for rapid processing.
- Creation of a single reference range for all ages and genders as applicable to Hb in this setting has also occurred.
- Updates to the MHP resources on the AHS Transfusion Medicine website are outstanding.
- All changes are being implemented following consultation with clinical transfusion medicine committees.

Action Required

- Be aware that the MHP order panel will now only focus on four elements now named: Hemoglobin MHP, Platelet MHP, INR MHP & Fibrinogen MHP.

Inquiries and feedback may be directed to

- Dr. Susan Nahirniak, Medical Director, TTM, APL, susan.nahirniak@aplabs.ca or
- Dr. Artur Szkotak, Section Chief, Hematopathology North Sector, APL, Artur.szkotak@aplabs.ca

This bulletin has been reviewed and approved by

- Dr. Carolyn O'Hara, Chief Medical Laboratory Officer, APL