

WREMAC

MEMORANDUM

To: All Western Region EMS Agencies

From: Michael O'Brien, MD, FACEP, FAEMS, CCEMT-P
Chair, Western Regional Emergency Medical Advisory Committee



Date: May 4, 2022

Re: **Tranexamic Acid & Blood Transfusion by Ground EMS Agencies**

The Western Regional Emergency Medical Advisory Committee (WREMAC) has reviewed the updated NYS Collaborative Protocols which became effective on 4/15/2022. Two new Paramedic interventions appear in the "Shock – Adult: Trauma Associated Shock" protocol: administration of tranexamic acid and transfusion of Type O-Negative.

Tranexamic Acid (TXA)

This antifibrinolytic medication slows or inhibits breakdown of fibrin clots. It is administered as 1 gram mixed in 100 mL of normal saline and given over 10 minutes. Paramedic agencies desiring to administer TXA may do so immediately, provided:

- The Agency Medical Director transmits a letter to their Program Agency (copied to the WREMAC) indicating their approval of TXA administration by paramedics and that these administrations will be included in the agency's continuous quality improvement (CQI) plan.

Blood Transfusion

Recently, the NYS legislature approved field initiation of blood transfusion to air medical services. The WREMAC recommends ground EMS agencies delay implementation of any initiation of blood transfusion in the field until additional guidance is provided by the NYS DOH Bureau of EMS, SEMAC/SEMSCO, and/or Wadsworth Center.

Please contact your Program Agency and/or the WREMAC (ubmdems@buffalo.edu, 716-898-3600) with questions or concerns.