



Yolo County Health & Human Services Agency



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DATE: June 6, 2025

TO: Yolo County Providers and Agencies, Base Hospital, & Hospitals

FROM: Yolo County EMS Agency

SUBJECT: June 2025 EMS Protocol Updates

MEMORANDUM

Effective June 16, 2025, the following Protocols and Procedures will go into effect for all Yolo County Providers. The protocol app and YEMSA.org have been updated. It is acceptable for providers to operate under old protocols through June 30, 2025, while these changes are circulated and socialized.

The updated Protocols and Quick Reference sheet are attached. Additionally, a self-paced independent training presentation intended primarily for Basic Life Support (BLS) providers is attached. Each agency is responsible for ensuring that its personnel receive this information. Training presentations are available at YEMSA.org under the [Education & Events link](#).

Please review the additions and changes thoroughly. If you have any questions, please contact Megan Rizzo at (530) 490-3962 or Megan.Rizzo@yolocounty.gov.

UPDATES

Any material changes to the medical direction are noted below.

Protocols:

Acute Cerebral Vascular Accident

- Updated language in BE-FAST definitions
- Addition of direction to triage stroke patients with LAMS of 4 or 5 directly to CSC
- Direction to perform destination consult with base hospital prior to bypassing a closer stroke receiving center when LKWT is between three and four hours

Altered Level of Consciousness

- Minor corrections and formatting updates

Trauma Patient Care

- Change of TXA dose to 2 grams slow IV push

Childbirth

- Addition of standing orders for TXA in postpartum hemorrhage
- Direction to “Vigorously massage fundus until firm” after delivery
- Addition of APGAR chart

External Hemorrhage

- Direction for nebulized TXA for uncontrolled epistaxis and oral bleeding (base orders only)

Pain Management

- Addition of ketorolac (Toradol) 15 mg IV/IO, 30 mg IM for adults and 0.5 mg/kg IV/IO or IM for pediatrics
- Addition of updated contraindications to ketorolac (Toradol)

Seizures

- Updated midazolam dosing to 5 mg SIVP, 10 mg IM
- Removed IN route of administration of midazolam
- Updates to language regarding indications and repeat doses

Medical Cardiac Arrest

- Update to indicate anterior-posterior placement is preferred for defibrillation pads (AED and manual)
- Clarified intent to increase defibrillation doses in manual defibrillation based on preceding shocks delivered by an AED
- Addition of language to perform Honor Pause after termination of resuscitation

Traumatic Cardiac Arrest

- Minor corrections and formatting updates

Mental Health Triage

- Update protocol from triage to a Crisis receiving center to a triage to referral to crisis response resources
- Move triage criteria to BLS scope
- Updates to clinical triage criteria for referral to crisis response resources
- Removal of previous Mental Health Triage “FORM”
- Clarifications that patients being considered for referral to crisis response resources must meet YEMSA criteria for Release at Scene (RAS) and RAS form must be completed prior to terminating patient-EMS provider relationship

Ingestion-Overdose-Poisoning

- Addition of pediatric treatments for beta-blocker and tricyclic antidepressant overdoses
- Removal of treatments for organophosphate exposures, reference Nerve Agent Treatment protocol
- Addition of COWs score

Nerve Agent Treatment

- Updates to language regarding indications for treatment, requesting of antidotes in CHEMPACK, and ability to self-administer for self-rescue
- Update to all treatments and dosing including:
 - Clarification of BLS dosing of auto-injectors for mild/moderate and severe exposures in patients > 40 kgs

- Clarification of ALS dosing for non-auto-injector medications for mild/moderate and severe exposures in adults and patients < 40 kg

Quick Reference:

Grief Support

- Addition of Adult and Pediatric Honor Pause language

Yolo County Stroke Receiving Centers

- Updated to indicate Yolo County designated Comprehensive Stroke Centers (CSC)
- Added map of estimated 45-minute drive time areas to designated CSCs

Medication Profile:

Tranexamic Acid (TXA)

- Addition of new dosing and indications as described above