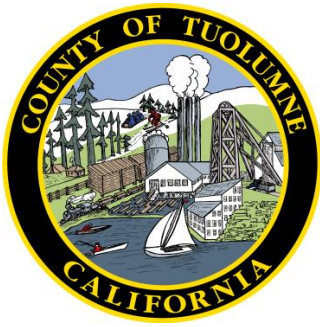




Tuolumne County Emergency Medical Services Agency

Kimberly Freeman, M.D.
EMS Medical Director

Katie Andrews
EMS Coordinator

20111 Cedar Road North.
Sonora, CA 95370

(209) 533-7460 • (209) 533-7406 Fax
<http://www.tuolumnecounty.ca.gov/ems>

March 1, 2024

To: Advanced Life Support EMS Personnel

From: Tuolumne County EMS Agency

Re: Epinephrine 1:10,000 shortage

Due to a backorder of 1:10,000 epinephrine, current epinephrine with an expiration date of 3/2024 can be used through the end of this month.

When 1:10,000 epinephrine is not in stock, Advanced Life Support providers may use 1:1000 epi. This will be done by ejecting one mL of saline from a 10mL saline flush and drawing up one mL of 1:1,000 epinephrine. 1:1,000 1mg vials or 30mg/30mL vials may be used for this purpose.

Kimberly Freeman, MD, MBA, CPE, FACEP, Paramedic