

Tuolumne County Emergency Medical Services Agency
EMS System Policies and Procedures

POLICY: MONITORING IV ANTIBIOTIC INFUSION

#552.94

Creation Date: _____

Medical Director: Kimberly Freeman, M.D.; signature on file

Revision Date: _____

EMS Coordinator: Katie Andrews; signature on file

Review Date: _____

I. AUTHORITY:

Division 2.5, Health and Safety Code, § 1797.220

California Code of Regulations, Title 22, Chapter 4, Article 1, § 100145

II. PURPOSE:

To provide a mechanism for paramedics to be permitted to monitor pre-existing infusions of IV antibiotic infusions during interfacility transports.

III. POLICY:

- A. Only those paramedics who have successfully completed the training program approved by the Tuolumne County EMS Agency Medical Director on pre-existing infusions of IV antibiotic will be permitted to monitor them during interfacility transports.
- B. Only those ALS ambulance providers approved by the Tuolumne County EMS Agency Medical Director will be permitted to provide the service of pre-existing infusions of IV antibiotic during interfacility transports.
- C. Patients who are candidates for paramedic transport will have pre-existing infusions of IV antibiotic in peripheral or central IV lines initiated a minimum of 10 minutes prior to transport. Prehospital personnel will not initiate IV antibiotic infusions.

IV. PROCEDURE:

- A. All patients will be maintained on a cardiac monitor and a non-invasive blood pressure monitor.
- B. The paramedic shall receive the transferring orders from the transferring physician prior to leaving the sending hospital, including a telephone number where the transferring and/or base hospital physician can be reached during the patient transport. Transferring physicians must be aware of the general scope of practice of paramedics. The written orders must include the infusion rate.
- C. Regulation of the infusion rate will be within the parameters defined by the transferring physician.
 - 1. Pediatric patients must have the infusion run through an IV pump or volutrol.

- D. Vital signs will be monitored and documented every 15 minutes and immediately if there is any change in patient status.
 - E. No other product may be infused in the same IV as the antibiotic during antibiotic administration.
 - F. After antibiotic is completed, flush the line with NS or LR.
 - G. Discontinue antibiotic and notify base physician if allergic reaction or anaphylaxis occur. Treat allergic reaction/anaphylaxis per Treatment Guidelines.
- V. CONTINUOUS QUALITY IMPROVEMENT (CQI):**
- All calls will be audited by the provider agency CQI process. Audits will assess compliance with physician orders and Tuolumne County EMS Agency policies, including base hospital contact in emergency situations. Reports will be sent to the EMS Agency as requested.