

	1757	<b>Critical Care Paramedic Sodium Bicarbonate</b>
Nor-Cal EMS Policy & Procedure Manual	Treatment Guidelines	
Effective Date:06/01/2026	Next Revision: 06/2029	
Approval: Jeffrey Kepple MD – MEDICAL DIRECTOR	SIGNATURE ON FILE	

**Purpose:**

To provide a mechanism for Critical Care Paramedics (CCPs) to monitor and adjust Sodium Bicarbonate Infusions during transports.

- ONLY** for NorCal EMS Agency accredited CCPs who have successfully completed training program(s) approved by the Nor-Cal EMS Agency Medical Director.
- ONLY** for CCP ambulance provider agencies approved by the Nor-Cal EMS Agency.
- CCPs will not initiate Sodium Bicarbonate Infusions**

**Policy:**

CCP’s are permitted to monitor already established Sodium Bicarbonate infusions.

Signed transfer order from the transferring physician must provide for maintaining infusion during transport.

**Prior to transport confirm:**

- 1) Continuously monitor ECG, Spo2, with vital signs obtained and documented every 15 minutes at a minimum, a BG will be obtained prior to leaving the sending facility.
- 2) Infusion concentration / rate and regulation will occur within the parameters of the defined by the transferring physician.
- 3) In cases of overcompensation resulting in metabolic alkalosis presenting as: impaired tissue perfusion, hypokalemia, hypocalcemia, decrease in the patient’s fibrillation threshold, sodium and water overload, the medication infusion will be discontinued, and the transferring physician notified