

	1757	Sodium Bicarbonate
Nor-Cal EMS Policy & Procedure Manual	Treatment Guidelines	
Effective Date: 11/04/2022	Next Revision: 11/04/2025	
Approval: Jeffrey Kepple MD – MEDICAL DIRECTOR	SIGNATURE ON FILE	

Authority

Health and Safety Code Division 2.5, California Code of Regulations, Title 22, Division 9, Chapter 4, Article 2.

Purpose

To provide a mechanism for Critical Care Paramedics (CCPs) to monitor and adjust Sodium Bicarb 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

1. CCP 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:

- 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.
- Infusion concentration / rate and regulation will occur within the parameters of the defined by the transferring physician.
- 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