

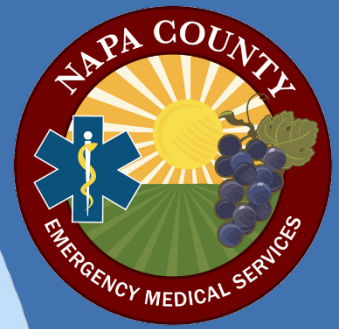
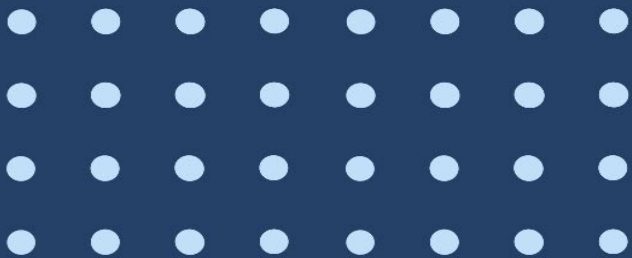
NAPA COUNTY

EMERGENCY MEDICAL SERVICES

APPENDIX 3

TRAUMA SYSTEM PLAN

2019 – 2024



NAPA COUNTY
Health & Human
Services Agency



www.countyofnapa.org/ems

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EMERGENCY MEDICAL SERVICES AUTHORITY

11120 INTERNATIONAL DR., SUITE 200
RANCHO CORDOVA, CA 95670
(916) 322-4336 FAX (916) 324-2875



May 6, 2025

Shaun Vincent, EMS Administrator
Napa County Emergency Medical Services Agency
2751 Napa Valley Corporate Dr., Bldg. B
Napa, CA 94558

Dear Shaun Vincent,

This letter is in response to Napa Emergency Medical Service (EMS) Agency's 2019-2024 EMS, Trauma, St-Elevation Myocardial Infarction (STEMI), Stroke, and Quality Improvement (QI) plan submissions to Emergency Medical Service Authority (EMSA) on March 10, 2025.

EMSA has reviewed the EMS plan based on compliance with statutes, regulations, and case law. It has been determined that the plan meets all EMS system components identified in Health and Safety Code (HSC) § 1797.103 and is approved for implementation pursuant to HSC § 1797.105(b). Based on the transportation documentation provided, please find the enclosed EMS area/subarea status, compiled by EMSA.

EMSA has also reviewed Trauma, STEMI, Stroke, and QI plans based on compliance with Chapters 7, 7.1, 7.2, and 12 of the California Code of Regulations, Title 22, Division 9, and has been approved for implementation.

Per HSC § 1797.254, local EMS agencies must annually submit EMS plans to EMSA. Napa County EMS Agency will only be considered current if an EMS plan is submitted each year.

Your 2025 EMS plan will be due on or before May 6, 2026. Concurrently with the EMS plan, please submit an annual Trauma, STEMI, Stroke, and QI plan.

If you have any questions regarding the EMS plan review, please contact Roxanna Delao, EMS Plans Coordinator, at (916) 903-3260 or roxanna.delao@emsa.ca.gov.

Sincerely,

Angela Wise

Angela Wise, Branch Chief
EMS Quality and Planning
On behalf of,
Elizabeth Basnett, Director

Enclosure:
AW: rd

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Napa County 2019-2024 EMS Areas and Subareas	Non-Exclusive	Exclusive	Method to Achieve Exclusivity	Emergency Ambulance	ALS	LALS	All Emergency Ambulance Services	9-1-1 Emergency Response	7-digit Emergency Response	ALS Ambulance	All ALS and CCT Ambulance Services	BLS Non-Emergency	Standby Service with Transport Authorization
	EXCLUSIVITY			TYPE			LEVEL						
Napa - Entire County		X	Competitive	X				X	X				X

TRAUMA SYSTEM SUMMARY

The Napa County trauma system was created by resolutions of the Napa County Board of Supervisors in 1981 and 2009. Queen of the Valley Medical Center (QVMC) is a designated Level III trauma center with 24/7 neurosurgical coverage. The system design is documented and memorialized through contracts between the County of Napa and QVMC. A new three year contract extension was established effective July 1, 2022. This contract with QVMC will extend Level III trauma services in the Napa County EMS system until June 30, 2025.

Dr. Matthew Shepherd, MD and a team of five (5) board certified dedicated trauma surgeons, heads the trauma service. Frank Darlak, RN was selected in 2024 as the Trauma Program Manager for QVMC. The trauma center's catchment area includes most of the Napa Valley; 98% of this population is within thirty (30) minutes ground transport time of the trauma center. In addition, QVMC cares for patients from adjoining Lake, Sonoma, Yolo and Solano Counties. Adventist Health St. Helena in Napa County, is not a designated trauma center.

Napa County emergency medical technicians (EMTs) and paramedics utilize both the basic and local optional scopes of practice in caring for patients. Trauma-specific procedures are used daily to guide the care of the injured patient. A robust trauma triage procedure that aligns with the trauma center's internal triage procedure is utilized for all patients transported to the Level III trauma center. The County uses an Auto-Launch system for utilization of aircraft related to high-priority trauma mechanisms in outlying rural areas of the county. Trauma policies and procedures are periodically revised with full system input and collaboration. The Napa County EMS Agency hosts stakeholder policy review meetings 2-3 times annually, and also solicits policy feedback through each quality improvement meeting. Intended policy changes are put through a public comment period every year.

Pediatric patients that meet physiologic and anatomic triage criteria are transported preferentially from the field, usually by air, to UCSF Benioff Children's Hospital Oakland. These transports are guided and sanctioned by the base hospital emergency department physicians. Trauma patients who require a level of care that is not available at the Level III trauma center are transferred through agreements to Santa Rosa Memorial Medical Center, and other surrounding trauma centers. Letters of agreement have been established between Local EMS Agencies, including, Alameda, Contra Costa, Sacramento, Solano, Sonoma (Coastal Valleys EMS Agency), and Yolo.

CHANGES IN TRAUMA SYSTEM

While no significant changes have been made to the Napa County Trauma System since the last submission of the Trauma Care System Plan in late 2018, the below updates have been occurred within the system:

- Incorporated the Prehospital Trauma Advisory Committee (Pre-TAC) as part of our Medical Advisory Committee (MAC).
 - The Napa County EMS Prehospital Trauma Advisory Committee has continued to meet since it was first started in late 2015. The Pre-TAC continues to meet every three to four months to review prehospital aspects of the trauma system.
- Napa County EMS Agency has adopted the 2021 National Guidelines for the Field Triage of Injured Patients as the primary indicators for "Trauma Alert" notification and destination determination.
- Queen of the Valley Medical Center was recertified as a Level III Trauma Center by the American College of Surgeons – Committee on Trauma in 2023.

NUMBER AND DESIGNATION LEVEL OF TRAUMA CENTERS

There are no potential problems or possible changes in designation for any of the below listed trauma centers at this time.

Queen of the Valley Medical Center (QVMC)

1000 Trancas St.

Napa, CA 94558

Level III

TRAUMA SYSTEM GOALS AND OBJECTIVES

Objective #1: Adoption of Trauma Policies

In 2024, trauma policies and procedures were thoroughly revamped after the EMCC and other key stakeholders/committees provided input via a public comment process. The Napa County policies and procedures were aligned with modern evidence-based trauma care. Current Trauma Policies undergo an annual review and are updated as necessary.

GOAL: Maintain up-to-date trauma policies

PROCESS: 1- Prehospital Trauma Advisory Committee (Pre-TAC), and Medical Advisory Committee (MAC) discussion and review; 2- Attendance at Continuous Quality Improvement (CQI) Meetings.

TIMELINE: Goal has been achieved: Yearly, ongoing

Objective #2: Training Plan

All system providers receive training through an annual training session that occurs in Quarter 1 of each year.

GOAL: Provide updated training to all providers.

PROCESS: Through the Annual Policy Update Training hosted by Napa County EMS.

TIMELINE: Goal has been achieved: Yearly, ongoing.

Objective #3: Trauma Data Collection

Queen of the Valley transitioned from the Trauma One registry to the ESO Trauma Registry in 2024.

GOAL: Secure quarterly and annual reports from trauma center.

PROCESS: 1- Ensure appropriate training for new trauma staff; 2- Review data capabilities of trauma registry software; 3- Ensure compliance with National Trauma Data Base (NTDB) and California EMS Information System (CEMSIS); 4- Provide required data set to trauma center.

TIMELINE: Goal has been achieved: Quarterly, ongoing.

Objective #4: Trauma Quality Improvement (QI) Process

Queen of the Valley Medical Center has had a comprehensive, bimonthly multidisciplinary QI Committee in place since late 2011. The committee, led by Dr. Matthew Shepard, reviews in detail the cases filtered through American College of Surgeons audit criteria, triggered by deaths, complications, transfers to other centers or picked for clinical interest. The committee attendees include trauma surgery, appropriate subspecialty physicians and nurses, Napa County EMS Agency staff, the medical examiners (ME) representative and when possible, outside surgical trauma expertise.

GOAL: To refine and update Trauma QI process

PROCESS: Through meeting, communication, direct observation.

TIMELINE: Goal has been achieved: Bi-monthly, ongoing.

Objective #5: Evolving the Prehospital Trauma Advisory Committee (Pre-TAC)

The Napa County EMS Agency and Level III Trauma Center incorporated the Pre-TAC committee into the Medical Advisory Committee (MAC) meeting. The Pre-TAC portion of the MAC meeting is advisory to the EMS Medical Director, whose purpose is to review prehospital trauma care. It is comprised of designated representatives from the EMS Agency, the local trauma center, and ALS Provider agencies.

GOAL: Establishment of a Pre-TAC Committee that will assist in evaluating the Napa County EMS Trauma System, in order to foster continuous improvement in performance and patient care.

PROCESS: Through meeting and communication.

TIMELINE: Goal has been achieved: Quarterly, ongoing.

Objective #6: American College of Surgeons – Committee on Trauma Level III Verification

The Level III Trauma Center needs to complete the process to receive verification status from the American College of Surgeons – Committee on Trauma. Site visits were held on May 15 & 16, 2023 and May 15, 2024 to follow up on two minor deficiencies.

GOAL: Verification from the American College of Surgeons as a Level III Trauma Center. Re-verification as a Level III Trauma Center was received in May, 2024 and extends until July, 2026.

PROCESS: Through meeting and communication.

TIMELINE: Goal is on track to be achieved by July 2026: Every 3 years, ongoing.

CHANGES TO IMPLEMENTATION SCHEDULE

No changes have occurred to the current implementation schedule.

SYSTEM PERFORMANCE IMPROVEMENT

Local trauma system improvement is ongoing. Improvements are accomplished through the items discussed above and by regular discussions with local trauma surgeons. These discussions occur at the Pre-TAC meetings and the bimonthly Trauma Advisory Committee meetings.

The Napa County EMS System has developed a robust Continuous Quality Improvement system that continues to evolve into the future. This CQI system includes the development of local measures that go beyond State Core Measures to identify areas for improvement within the trauma system and larger EMS system.

The Level III Trauma Center and the Napa County EMS Agency have worked hard to get current trauma data submitted to the State EMS Authority and National Trauma Data Bank in a timely manner. These submissions have been timely, meeting established deadlines.

PROGRESS ON ADDRESSING EMS AUTHORITY TRAUMA SYSTEM PLAN COMMENTS

No comments were received from the EMS Authority on the last Trauma System Plan Submitted.

OTHER ISSUES

No other issues have been identified.