



Stroke

Critical Care System Plan 2021 Annual Update

Prepared By:

Sacramento County
Department of Health Services
Emergency Medical Services Agency

**SACRAMENTO COUNTY
STROKE CRITICAL CARE SYSTEM PLAN
2021 ANNUAL UPDATE
March 15, 2022**

In accordance with State of California Code of Regulations, Title 22, Division 9, Chapter 7.2, Sacramento County submits this Stroke Critical Care System Plan Update.

Stroke Critical Care System Plan

The Stroke Care Committee reviews and evaluates prehospital and hospital care reports of patients that suffered a life-threatening acute stroke. Committee participants include representatives in public and private Advanced Life Support (ALS) transportation, nurses, physicians, and other disciplines. The Stroke Care Committee identifies, through case and data review, areas in need of improvement, implements process improvement, and training/education and recognizes excellence in performance and delivery of care.

2021 Overview

Sacramento County Emergency Medical Service Agency (SCEMSA) continues to improve the quality and accuracy of data reporting in order to improve Stroke patient care provided at Sacramento County Stroke receiving hospitals. SCEMSA continues to monitor documentation compliance and trend improvements via quality improvement audits and documentation dashboards for overall system monitoring.

Sacramento County providers transported 132,715 patients in 2021, of which, 3383 were documented in prehospital patient care records as having a primary impression of "Stroke/CVA/TIA." Within this subset of stroke-related transports, over 88% were communicated as "Stroke Alerts" to Sacramento County Stroke Receiving Centers, facilitating the rapid delivery of specialty care upon ambulance arrival. These numbers are reflected below in Figure 1.

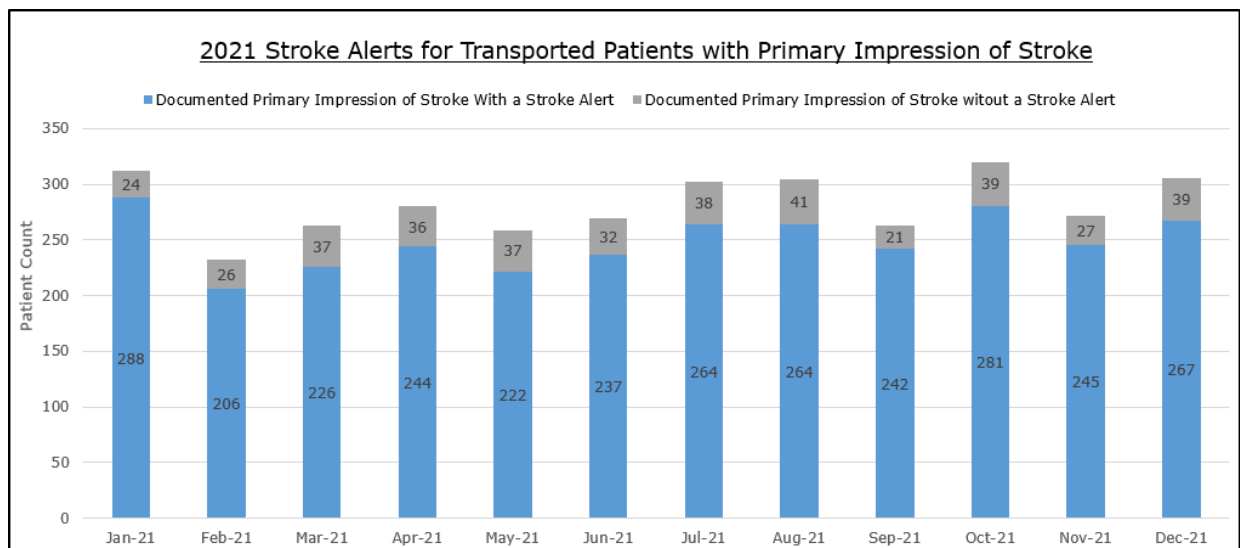


Figure 1

**SACRAMENTO COUNTY
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2021 Update

The Stroke Care Committee is the multi-stakeholder group which advises the SCEMSA Medical Director and Medical/Operational Advisory Committees to improve communication, review performance data, identify areas in need of improvement. It provides active feedback and potential quality improvement initiatives within our Stroke system.

SCEMSA operates an established Stroke Critical Care System through executed contracts with ten (10) hospitals, eight (8) within Sacramento County and two (2) within the City of Roseville. Four (4) of these facilities are Comprehensive Stroke Receiving Centers.

Current policies and protocols do not have prehospital providers divert care to Comprehensive Stroke hospitals, but SCEMSA continues to evaluate the system needs based on communication, review of performance data, and suggested improvement initiatives within our Stroke Community.

SCEMSA continues expanding its collaboration with EMS providers and Stroke receiving hospitals through review and analysis of patient care data to effect system changes which improve patient care and stroke incident outcomes in Sacramento. This includes expanding SCEMSA access to hospital data via the American Heart Association "Get With the Guidelines" data registry. This data integration, currently in-progress, is expected for completion in 2022. More robust reporting is expected on this topic in the next plan reporting cycle.

Annex 1

**2020 STROKE
CRITICAL CARE
SYSTEM PLAN
UPDATE:
APPROVAL LETTER**

EMERGENCY MEDICAL SERVICES AUTHORITY

10901 GOLD CENTER DR., SUITE 400
RANCHO CORDOVA, CA 95670
(916) 322-4336 FAX (916) 322-1441



September 15, 2021

Mr. Dave Magnino, EMS Administrator
Sacramento County Emergency Medical Services Agency
9616 Micron Avenue, Suite 960
Sacramento, CA 95827

Dear Mr. Magnino:

This letter is in response to Sacramento County's 2020 emergency medical services (EMS) plan, and the St-Elevation Myocardial Infarction (STEMI), Stroke, Trauma, and Quality Improvement (QI) plan submissions to the EMS Authority on July 2, 2021.

The EMS Authority has reviewed the EMS plan, based on compliance with statutes, regulations, and case law. It has been determined 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 transportation documentation provided, the EMS Authority has noted your Emergency Ambulance Zone as Non-Exclusive and has enclosed for reference.

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

In accordance with HSC § 1797.254, please submit an annual EMS plan to the EMS Authority on or before September 14, 2022. Please also submit an annual STEMI, Stroke, Trauma, and QI plan concurrently with the EMS plan. If you have any questions regarding the EMS Plan review, please contact Ms. Lisa Galindo, EMS Plans Coordinator, at (916) 431-3688.

Sincerely,

A handwritten signature in blue ink that reads 'Tom McGinnis - EMT-P'. The signature is stylized and includes a small heart symbol above the 'i' in 'Ginnis'.

Tom McGinnis, EMT-P
Chief, EMS Systems Division

Enclosure

tm:lg

Sacramento County 2020 EMS Plan Ground Exclusive Operating Areas	<i>Non-Exclusive</i>	<i>Exclusive</i>	<i>Method to Achieve Exclusivity</i>	<i>Emergency Ambulance</i>	<i>ALS</i>	<i>LALS</i>	<i>All Emergency Ambulance Services</i>	<i>9-1-1 Emergency Response</i>	<i>7-digit Emergency Response</i>	<i>ALS Ambulance</i>	<i>All CCT Ambulance Services</i>	<i>IFT</i>	<i>Standby Service with Transport Auth.</i>	
ZONE	EXCLUSIVITY		TYPE			LEVEL						NOTES		
Sacramento County	X													