



Stroke

Critical Care System Plan 2022 Annual Update

Prepared By:

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Department of Health Services
Division of Public Health
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**SACRAMENTO COUNTY
STROKE CRITICAL CARE SYSTEM PLAN
2022 ANNUAL UPDATE
April 1, 2023**

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.

2022 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 129,114 patients to the emergency room in 2022, of which, 3,597 were documented in prehospital patient care records as having a primary impression of "Stroke/CVA/TIA." Of the 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 in Figure 1.

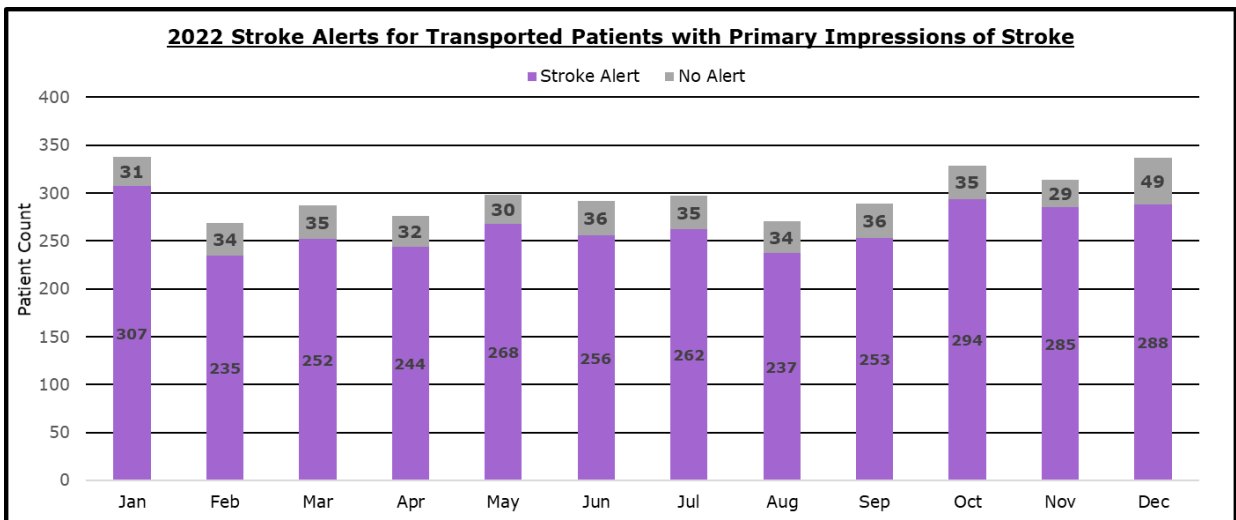


Figure 1

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2022 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.

In 2022 SCEMSA, along with the Stroke Care Committee, reviewed and approved Policy Document (PD) 2529 "Stroke Receiving Center Designation" and PD 6002 "Stroke Critical Care System General Provisions" without changes.

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 was completed in 2022. More reporting is expected on this topic in the next plan reporting cycle.