



**TITLE: PRIMARY STROKE CENTER DATA REQUIREMENTS**

EMS Policy No. 6382

**PURPOSE:**

The purpose of this policy is to establish the minimum data and report requirements for designated Primary Stroke Centers (PSC).

**AUTHORITY:**

Health and Safety Code, Division 2.5, Sections 1797.67, 1797.88, 1797.220, 1798, and 1798.170; California Code of Regulations, Title 22, Division 9, Chapter 7.2

**DEFINITIONS:**

- A. "SJCEMSA" means the San Joaquin County Emergency Medical Services (EMS) Agency.
- B. "Primary Stroke Center" (PSC) means a receiving hospital that has met the standards of the Center for Medicaid and Medicare Services (CMS); is accredited as a Primary Stroke Center by The Joint Commission and has been designated as a PCS by SJCEMSA.
- C. "Stroke" means a condition of impaired blood flow to a patient's brain resulting in brain dysfunction, most commonly through vascular occlusion or hemorrhage.
- D. "Suspected Stroke Patient" means a potential acute stroke patient diagnosis based off an assessment from a prehospital personnel or member of a clinical stroke team.

**POLICY:**

**I. Data Collection and Submission Requirements.**

- A. For each patient transported to the PSC and discharged with an end diagnosis of stroke by ambulance, walk-ins, inter-facility transfers, and inpatients. PSCs shall collect the following data elements on a form prescribed by SJCEMSA:
  - 1. Hospital Arrival Date.
  - 2. EMS ePCR Number,
  - 3. Patient Date of Birth.
  - 4. Patient Age.
  - 5. Patient Gender.
  - 6. Principal Diagnosis.
  - 7. Final Diagnosis Related to Stroke (Y/N).
  - 8. Hospital Arrival Date and Time.

Effective: July 1, 2023  
Supersedes: September 1, 2019

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9. Time Transfer of Care at Hospital.
10. If Patient Transferred to Another Hospital, Hospital Name.
11. Reason If Patient Transferred to Another Hospital.
12. Discharge Date.
13. Discharge Time.
14. Discharge Disposition.
15. Method of arrival (EMS; Private Transport; Interfacility Transfer).
16. Time EMS personnel arrives at patient's side.
17. Time ambulance enroute to PSC.
18. EMS Prehospital Provider Name.
19. Last Known Well Time (per EMS).
20. LKWT by EMS Unknowable (Y/N).
21. First Known Sick Time (time of discovery of stroke symptoms).
22. Blood Glucose Level.
23. Blood Glucose Level Not Determined (Y/N).
24. Blood Glucose Value.
25. Blood Pressure Systolic.
26. Blood Pressure – Diastolic.
27. Time stroke alert called to PSC.
28. Suspected Stroke by EMS (Y/N).
29. Stroke Screen Tool Used by EMS.
30. Outcome of Stroke Screen by EMS.
31. Stroke Severity Scale Used by EMS (Y/N).
32. Stroke Severity Scale Score.
33. Stroke Severity Score Not Determined (Y/N).
34. Time stroke alert called at PSC (Stroke Team Activation).
35. Time Brain Imaging Ordered.
36. Brain Imaging Initiated (Time patient at Computed Tomography (CT) or equivalent neuro-imaging).
37. CT report interpretation time (Time CT Read).
38. Time of neurology consult.
39. NIH stroke scale score on initial examination.
40. Patient Positive for LVO (Y/N).
41. Last known well time per hospital.
42. IV-t-PA Initiated (TPA Administered).
43. Time of thrombolytic administration.

- II. Additional reports may be requested by SJCEMSA in collaboration with the Stroke Quality Improvement Committee (Stroke QIC).

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