



Stroke Care Committee Meeting
 Tuesday, February 18, 2025, 1:00 PM – 3:00 PM
 9616 Micron Ave. Suite 900, Sacramento, CA. 95827
 Conference Room 1

Facilitators: Gregory Kann, M.D. EMS Agency Medical Director
 Minutes: Sydney Freer, EMS Coordinator

ITEM	Details (Key facts, Questions, Concerns)	Action Items/Decision
Welcome and Introductions	Meeting start time 1:00 pm Introduction of Tom McGinnis	None
Approval of Minutes – November 19, 2024	Motion to Approve: Dr. Naik Second: Dr. Keenan	None
Old Business	Discussion	Action Items/Decision
Stroke COMPASS	Dr. Keenan: We are looking at videographer options to film the training. Now that we are getting the ePCR form done, an optimistic start date would be July. We do not need anything at this time from you all.	
New Business		
Policies to Review: 2027 – Stroke Care Committee	No comments / discussion	



Data Review and Analysis	Discussion	Action Items/Decision
2024 Q3 EMS Data Hospital / EMS Comparison	2024 Q3 EMS Data: No Discussion Hospital / EMS Comparison: Stroke scale documentation errors could be contributing to the "missed" that did not have CPSS assessments documented.	
Case Presentations	Discussion	Action Items/Decisions
Kaiser Hospital South	Kaiser South: Dr. Jason Chang	
Round Table	Discussion	Action Items/ Decisions
	Julie Carrington: I am curious to know how the next-of-kin information is coming across? Dawn Warner: At UC Davis I think we are seeing a little bit of an improvement. Dr. Keenan: It is more important for them to answer the phone than to drive to the hospital.	
Adjournment	Adjourned	Next meeting: May 14, 2025 11:30 AM – 1:00 PM



**Department of Health Services Emergency Medical Services Agency
Stroke Care Committee
2025 Case Presentation Rotation**

Date:	2/18/2025	5/14/2025	8/19/2025	11/18/2025
KHN		X		
KHR		X		
KHS	X			
MGH			X	
MHF			X	
MHS				X
MSJ	X			
SMCS			X	
SRMC				X
UCD		X		

Stroke Liaisons										
Contacts	KHN	KHR	KHS	MGH	MHF	MHS	MSJ	SMCS	SRMC	UCD
Primary	Jason Murray	Michelle Arroyo	Sherry Whitcomb, JD, MSN, RN CPHQ	Emily Browne		Max Naximko, MSN, RN, SCRNP	Irina Rebello	Kandis Dowd	Jennifer Bingham	Kimberly Brink
Secondary	Jonathan Hartman MD					Anu Locricchio	Richard Otley, RN	Chase Childress	Patty McNamara	Dawn Warner
							Heidi Hollingsworth			

SCENE Calls (911-Response) – 3-Quarter 2024	Incident Count	Percentages	Notes
Total ePCRs received	86,552	100%	All records
Responses (Emergency Primary Response Area)	64,135	74.10%	of total responses
Treated and Transported	35,719	41.27%	of 911 responses transported to the ED
Primary Impressions of Treated and Transported -911-Response (Scene)	Incident Count	Percentages	
ALOC - (Not Hypoglycemia or Seizure) (R41.82)	1,262	3.53%	
Stroke / CVA / TIA (I63.9)	1,018	2.85%	
Sepsis (A41.9)	992	2.78%	
Patient Arrival for Stroke/ CVA/ TIA (I63.9)	Incident Count	Percentages	From ImageTrend Patient Registry (Hospital Data)
Private Vehicle	257	32.05%	
EMS from home/scene	326	40.59%	
Transfer From Another Hospital	204	25.40%	
Other /Unknown /Not Documented	13	1.99%	
Total Patient Count	803	100%	

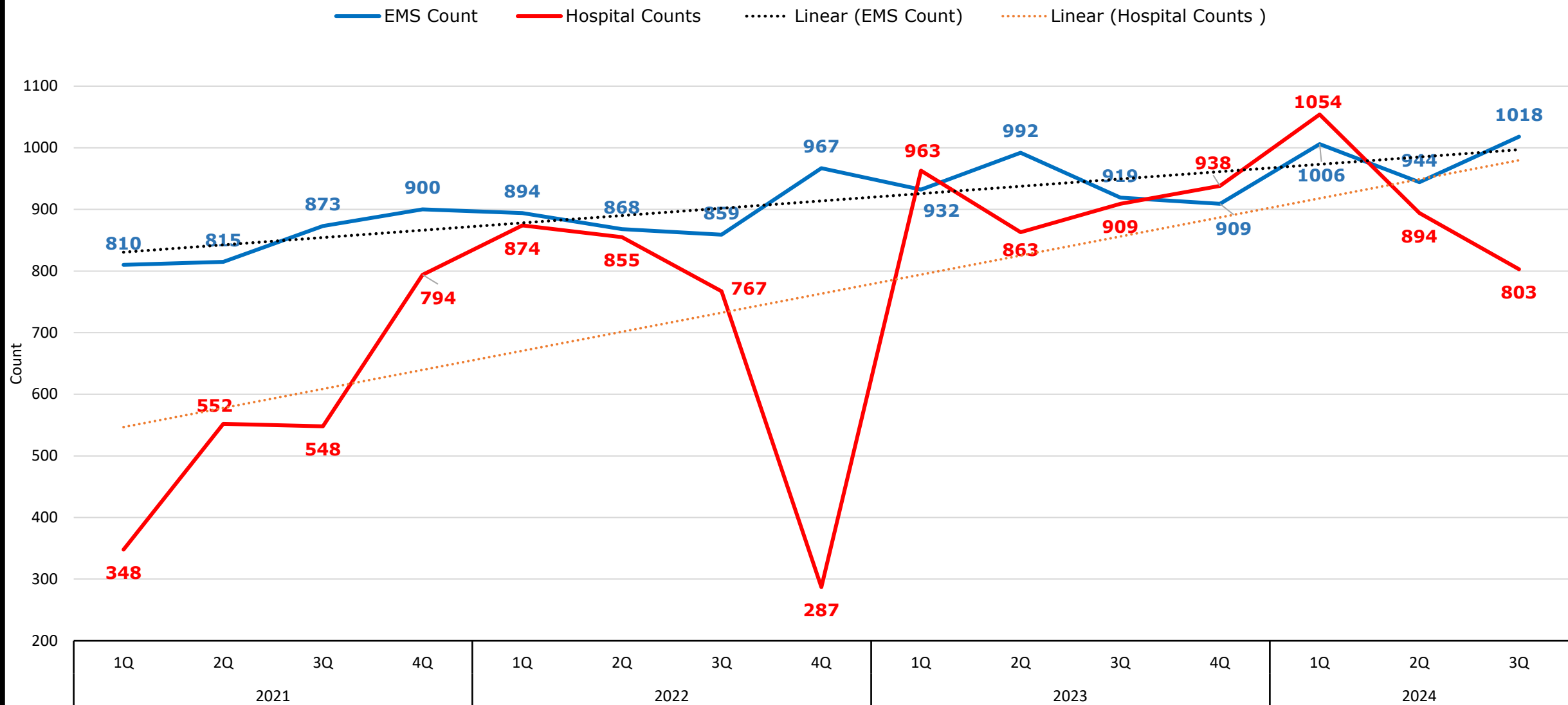
Stroke Dashboard - EMS Data

Stroke	System Total 2023 4Q	System Total 2024 1Q	System Total 2024 2Q	System Total 2024 3Q
Total transported patients with Primary impression of Stroke	909	1006	948	1018
Number of patients with documented Stroke Screen	878	988	937	996
% of patients with documented Stroke Screen	96.59%	98.21%	99.26%	97.83%
Documented Glucose	863	968	926	1001
% of documented Glucose	94.94%	96.22%	98.09%	98.33%
Patients with a Stroke pre-arrival notification	800	893	839	895
% of Stroke pre-arrival notification	88.00%	88.77%	88.88%	87.91%

Stroke Primary Impression for Treated and Transported Patients **- EMS Data**

Hospital Name	4Q-2023	1Q-2024	2Q-2024	3Q-2024
KHR	51	56	49	54
KHN	153	147	138	160
KHS	178	173	167	189
MGH	45	63	59	65
MHF	52	55	54	59
MSJ	191	215	201	192
MHS	78	78	60	73
VAMC	0	0	3	0
SMCS	75	121	88	110
SRMC	22	31	41	32
UCD	61	62	88	80
OOA	3	5	0	4
Total	909	1006	948	1018

Trend Count of EMS Patients with Primary Impression of Stroke vs Hospital Stroke Patients



Hospital / EMS Stroke Data

3Q 2024

Total Hospital Stroke Patients: 1094

Total Brought in by EMS: 442

Total EMS Stroke Primary Impressions: 1018

Total EMS Stroke Alerts: 895

*Arriving at out of county hospitals: 90

In-County EMS Stroke Primary
Impressions: 908

EMS patients with a Final Clinical Diagnosis of Stroke: 238
(= 26.21% of in-county EMS Stroke Primary Impressions)

Hospital Stroke Calls	Count	Percentages
Total Hospital Stroke Patients	1094	100%
Brought in by EMS	442	40.40%
Of Patients Brought in by EMS	Count	Percentages
Stroke Alerted (or identified but care transferred)	273	61.76%
Blank / PCR Not Found/ Out of County provider	43	9.72%
Symptoms Greater than 24 Hours	18	4.07%
Missed in the Field (Not including Symptoms >24 hours)	106	23.98%
Of Missed in the Field	Count	Percentages
No Stroke Scale documented or unable to complete CPSS	81	76.41%
Negative CPSS (including TIA = resolved)	25	23.58%
ALOC	24	22.64%
General Weakness	20	18.86%
Dizziness/Vertigo	15	14.15%
Sepsis	9	8.49%
Trauma	7	6.60%
HTN/ Headache	3	2.83%
Other symptoms	3	2.83%

Notable PCR Narrative Comments

- PT “experiencing increased dizziness, blurred vision, light sensitivity. Recently hospitalized for a stroke.” No CPSS performed. PT hypertensive 210/118
- “Patient was in the vehicle drooling, and not speaking. Patient would follow commands but unable to speak. Patient was released this morning post stroke”. Baseline A/Ox4 GCS 15 per mother on scene. No CPSS performed
- 81yo female “found wandering around house aimlessly this morning by husband and non-verbal which is not baseline” PT is hypertensive, A/Ox0, GCS 10. Narrative states “no symptoms of stroke”
- Pt had “new onset symptoms including mouth twitching and vertigo” x3 hours, “tingling left side of face”. Negative CPSS
- PT with hx migraine. Post migraine “numbness/ tingling rt hand and arm, and all over her face.” Negative CPSS
- PT had “new onset left sided facial numbness”, hypertensive 200/103. No other symptoms, Negative CPSS.