

BLOOD GLUCOSE LEVEL IN STROKE PATIENTS

OBJECTIVE	Identify hypoglycemia as a possible mimic of stroke or confounding illness
DEFINITIONS	
% Compliance	Percentage of patients assessed by EMS providers found to meet criteria for a primary clinical impression of Stroke that then receive a blood glucose level assessment
BGL Assessment	Determination of the patient’s blood glucose level regardless of the resultant BGL value [from RescueNet with D-stick as an intervention or a value entered in vital signs]
Stroke Patient	Any adult patient with a current presentation and history suggestive of stroke including presentation with at least one positive Cincinnati Prehospital Stroke Scale finding. For this measure, stroke patients are identified through RescueNet by 1) selection of CVA as the primary impression in the clinical impression data field or 2) patients designated as Stroke Alert
Performance Objective	Assessment of blood glucose level in patients with a possible acute stroke/CVA

REPORTING

Indicator Items	Total number of stroke patients as defined above [from RescueNet] (Denominator, D)
	Total number of stroke patients in which a blood glucose level was assessed [from RescueNet] (N)
	% meeting performance objective criteria

FORMULA $N/D \times 100 = \%$

EXCLUDED CASES

- Patients with a clinical impression of “Transient Ischemia Attack Suspected – TIA”

CLINICAL PERFORMANCE INDICATOR

#7.5

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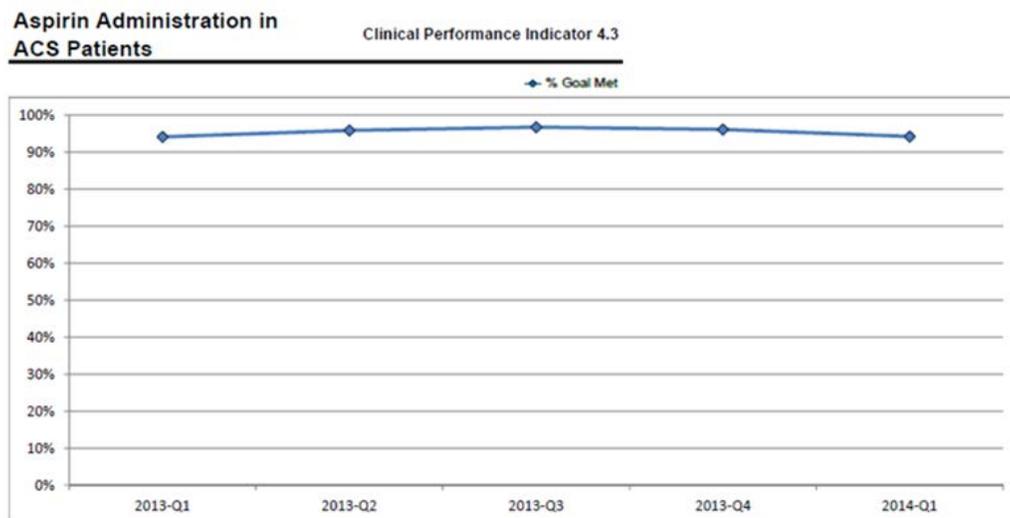
DATA SOURCE(S) COGNOS report from RescueNet

REPORTING CRITERIA

Reporting Period Quarterly; Due to OMD PI at least 2 business days prior to the EMS/OMD PI meeting at which Performance Measures will be discussed

Visual Format Line Chart (single chart); Y axis = % Compliance; X axis = quarter/year; Include the 5 most recent quarters of data; Include raw data in non-PDF format (e.g. Excel) (See chart layout and design example below)

Chart Legend Include total number stroke patients for each quarter



Fiscal Year	Quarter	Count - Trips	Count - Goal Met	Percentage - Goal Met
2013	2013-Q1	439	413	94.08%
2013	2013-Q2	601	576	95.84%
2013	2013-Q3	607	587	96.71%
2013	2013-Q4	613	588	96.08%
2014	2014-Q1	498	469	94.18%

Austin-Travis County EMS

TYPE OF MEASURE Process

PERFORMANCE IMPROVEMENT Performance measures are reviewed periodically by the Agency and OMD Performance Improvement staff. Clinical performance is overseen by the System Clinical Performance Improvement Committee and its Subcommittees.

REFERENCES None

DOCUMENT APPROVAL All clinical performance measures and revisions to these measures are reviewed and approved by the System Clinical Performance Improvement Committee.