

### BLOOD GLUCOSE LEVEL IN SEIZURE PATIENTS

<b>OBJECTIVE</b>	Identify hypoglycemia as a likely cause of seizure
<b>DEFINITIONS</b>	
% Compliance	Percentage of patients assessed by EMS providers found to meet criteria for a primary clinical impression of seizure that then receive 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
Seizure Patient	Any patient who is treated by EMS for seizure or remains post-ictal during EMS assessment. This set of patients is defined by the primary clinical impressions of "Seizure – Other Convulsions", "Seizure Febrile" and "Seizure Postictal State".
Performance Objective	Assessment of blood glucose level in seizure patients as defined above

### REPORTING

Indicator Items	Total number of seizure patients defined as a primary clinical impression of "Seizure – Other Convulsions", "Seizure Febrile" or "Seizure Postictal State". [from RescueNet] (Denominator, D)
	Total number of seizure patients in which a blood glucose level was assessed as indicated by the intervention data field(s) or vital signs data field [from RescueNet] (Numerator, N)
	% meeting performance objective criteria

### FORMULA

$N/D \times 100 = \%$

### EXCLUDED CASES

- Patients that do not meet the Clinical Impression definition for "Seizure – Other Convulsions", "Seizure Febrile" or "Seizure Postictal State".

### DATA SOURCE(S)

COGNOS report from RescueNet

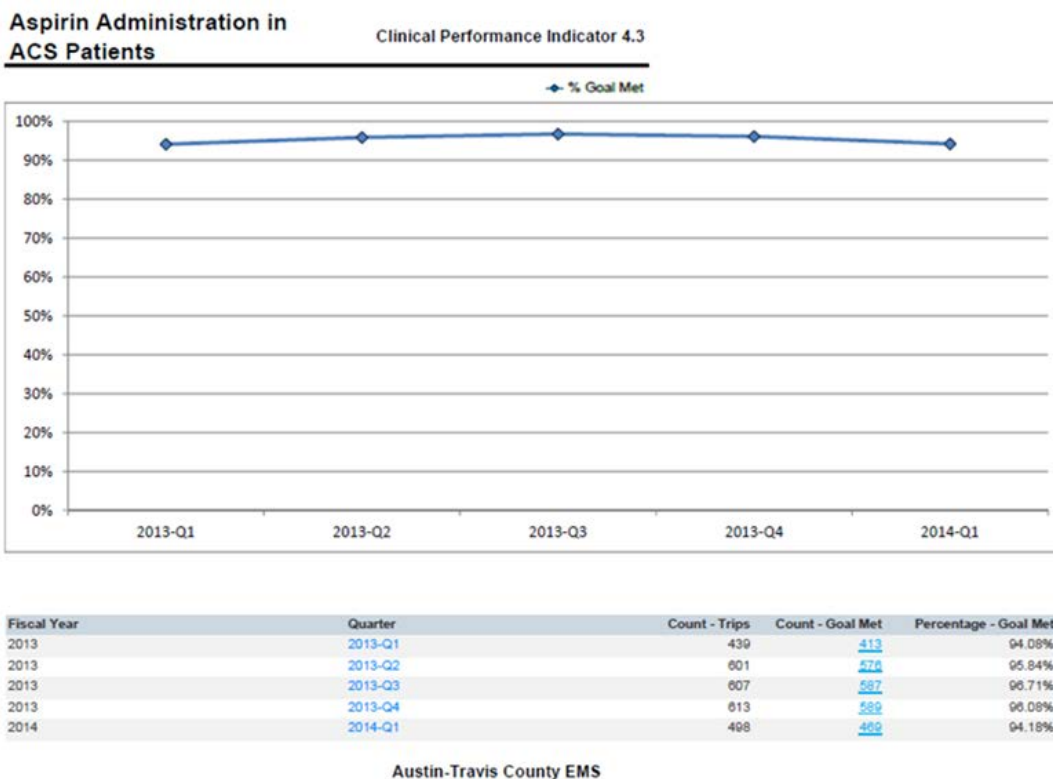
# CLINICAL PERFORMANCE INDICATOR

## #6.5

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#### 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 seizure patients for each quarter



**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.