CLINICAL PERFORMANCE INDICATOR
#4.5

ASPIRIN ADMINISTRATION IN ACS PATIENTS

OBJECTIVE
Administer aspirin to suspected ACS patients

DEFINITIONS

% Administration
Percentage of patients assessed by EMS providers meeting criteria for aspirin administration and acute coronary syndromes (including STEMI) that receive aspirin

ASA Administration
The administration of any aspirin by any system credentialed provider including EMS Communications. It also includes patient self-administration prior to system provider arrival.

ACS
Any patient identified by the system provider as a suspected acute coronary syndrome or STEMI patient as indicated by the Clinical Impression of 1) “ACS” or 2) “STEMI”. (Refer to definitions in Clinical Impressions List for ePCR)

Performance Objective
Early administration of aspirin to all patients presenting with suspected Acute Coronary Syndrome when not contraindicated

Appropriate Non-Administration
Patients with a documented allergy to aspirin [from RescueNet Allergies data field], inability to receive aspirin [from RescueNet GCS data field] (e.g. unable to swallow, unresponsive, wired jaw, vomiting) and those with aspirin administration prior to system providers arriving at the patient.

REPORTING

Indicator Items
Total number of patients with ACS and STEMI as indicated by the clinical impression data field [from RescueNet] (refer to definition of ACS above) (Denominator, D)

Total number of ACS and STEMI patients in which any aspirin is administered (refer to definition of ASA Administration above) as indicated by the intervention data field(s) plus the Appropriate Non-Administration cases [from RescueNet] (Numerator, N)

% meeting performance objective criteria

FORMULA
N/D X 100 = %

EXCLUDED CASES

• None
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DATA SOURCE(S)  COGNOS report from RescueNet and CAD

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 = % administration; 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 ACS and STEMI cases 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.