



Lesson Plan: EMS Documentation – Focus on Data

Topic:	Documenting for Data Analysis
Presenter:	West Michigan Regional Medical Consortium CE Sponsor Program
Location:	West Michigan Regional Medical Consortium CE Sponsor Locations
Credit Category:	Operations
License Level:	MFR, EMT, SPEC, MEDIC
Credits:	1
Format:	1-hour Lecture

Objectives: At the conclusion of this CE session, the participants will be able to:

Cognitive

1. Understand and describe how data entered into an ePCR may be used for data aggregation and analysis
2. Understand and describe when an ePCR is required by statute and protocol
3. Identify NEMSIS resources which may be downloaded or printed in order to facilitate proper selection from dropdown lists
4. Understand and describe how data elements reconcile between a vendor ePCR platform and MI-EMSIS/NEMSIS
5. Understand and describe the proper location within the ePCR to document tests with resulting values (vital signs section)
6. Understand and describe closed call rules and validity (recommendations and required elements)
7. Understand the importance of properly selecting accurate and complete descriptors from the predefined dropdown lists within the ePCR platform
8. Understand and describe the measures collected related to stroke, STEMI, cardiac arrest and trauma and how to accurately and completely report evaluated data elements in the proper locations

Psychomotor

1. Properly document patient acuity at the beginning and ending of a report using the proper NEMSIS list values
2. Properly select and document provider impressions which correlate to the patient's presentation
3. Properly and completely document call times within the ePCR
4. Perform and document the use of required stroke scales
5. Properly document responses to medications administered by EMS in the proper location
6. Properly and accurately record 12-lead EKG results in both the vitals sign section as well as in the narrative
7. Properly document extended scene time delays

Lesson Plan: EMS Documentation – Focus on Data**Affective**

1. Understand and value the importance of documenting response and transport mode as a measure of provider and public safety
2. Understand and value the importance of accurately documenting the race and gender of a patient as measures to evaluate positive or negative discrimination, or variance in care
3. Understand and value the importance of properly documenting measures relating to high risk medical and trauma situations (e.g., stroke, STEMI, cardiac arrest, trauma, etc.) such that consistency in data extraction is possible

Outline for Session

1. Introduction of topic
2. Guided lecture with PowerPoint using instructor notes for slide guidance and additional information
 - a. Goal of data collection
 - b. Who see's data
 - c. When is a PCR needed
 - d. MI-EMSIS/NEMSIS reference materials – guides
 - e. Understanding how ePCR's relate to data
 - f. Data validity
 - g. Patient acuity
 - h. Impression
 - i. Times
 - j. Response and Transport modes
 - k. Race and gender
 - l. Location selection
 - m. Stroke, STEMI, Cardiac Arrest, Trauma
 - n. Response to Medication
 - o. 12-Lead EKG
 - p. Extended Scene Times
3. Summary and Questions

Student Evaluation Method: Simple evaluation will be done through classroom discussion and participation.

Evaluation of Presentation: Continuing Education Program Sponsor Evaluation Form will be filled out by all participants.