



Emergency Medical Services Agency Prehospital Care Manual **Policy 407**

TRAUMA REGISTRY DATA COLLECTION AND MANAGEMENT

Effective Date January 22, 2007
Replaces July 1, 1995

Resources
None

I. Purpose

The Agency is charged with the monitoring of the county Trauma System. Data collection and management are critical components to monitoring the system. This policy defines the means of collection of data for Quality Improvement of the Trauma System.

To provide trauma data and information of scientific value

II. Prehospital Care Providers

- A. The Prehospital Care Report (PCR) shall be completed by prehospital care providers in accordance with policy and procedure.
- B. A copy of the PCR is to be made available to the Trauma Center/Emergency Department, at the time the patient is delivered to the facility, for inclusion in the patient's medical record and abstracted into the Trauma Registry.

III. The Trauma Centers

- A. Each Trauma Center shall abstract the records of all Major Trauma Victims and enter the data into the Trauma Registry.
- B. The Trauma Center shall submit the data in an agreed upon format to the Agency on regularly assigned dates.
- C. Each Trauma Center may use its data for self-evaluation and research purposes.

IV. The Santa Clara County EMS Agency

- A. The Agency shall maintain a Trauma Registry and a Trauma Information System.
- B. Data submitted by the Trauma Centers shall processed and utilized for system monitoring, evaluation and research.

V. Minimum Required Data Elements

- A. Patient identification information
- B. Incident information
- C. Ambulance response times
- D. Criteria met for inclusion as a Major Trauma Victim
- E. Vital signs in the field and upon arrival to the Trauma Center
- F. Emergency Department management
- G. Patient disposition
- H. Operative procedures
- I. Complications
- J. Probability of survival (Ps)
- K. Injury Severity Score (ISS)
- L. Discharge diagnosis(es)

VI. Routine Report Generation

- A. Excessive scene time
- B. Total number of trauma victims in the system
- C. Total number of trauma victims by month and year
- D. Total number of trauma victims by day of the week
- E. Total number of trauma victims by time of day

- F. All trauma victims with an ISS >26
- G. All complications
- H. All trauma victims who required a return to the operating room
- I. All trauma victims readmitted to the hospital
- J. All trauma related deaths, at both trauma center and non-trauma center receiving facilities
- K. All delays prior to surgery
- L. Emergency Department final disposition
- M. Transfers to trauma centers
- N. Total number of hospital days including ICU
- O. Cost of care, compensated and uncompensated