

California State Trauma Plan

How can the local Trauma Plans and State Trauma Plan work together to ensure a quality State Trauma System?

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California State Trauma Plan

- Three overall goals of the State Trauma System supported by the State Plan
 - Timely Access to Trauma Care
 - Delivery of Optimal Trauma Care
 - Community Health and Wellness



California State Trauma Plan

- Structural Elements of State Trauma System
 - Leadership
 - System Development Operations
 - Finance
 - EMS System
 - Definitive Care
 - Information Systems
 - System Evaluation and Performance Improvement
 - Education and Training
 - Research
 - Injury Prevention
 - Disaster Preparedness



California State Trauma Plan

Leadership

Goal: The EMS Authority provides coordination, guidance, and assistance to enhance the consistency of trauma-related standards and guidelines throughout the state and improve the overall quality of trauma care.

Objectives:

1. Encourage the collaborative efforts of the counties to support and share resources for a regionally-based trauma system.
2. Develop a consensus compendium of trauma-related policies, procedures, and clinical guidelines that may be shared throughout the state.
3. Local EMS agencies will develop local trauma plans in the context of regional trauma care with input from Trauma Centers and RTCCs.



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System Development

Goal: Timely access to an appropriate level of care for all individuals following major injury.

Objectives:

1. Conduct a systematic review of local trauma plans in the context of this State Trauma Plan and the structures and processes it outlines.
2. Ensure optimal access and care to special populations; for example, pediatric populations.



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Finance

Goal: Explore the feasibility of a State Trauma System Business Plan to identify the system's current financial status, perform a needs assessment to identify specific aspects of the system that need funding, and identify opportunities for future trauma system funding.

Objectives:

1. Identify critical Trauma System components and the cost to develop and maintain.
2. Work with researchers and hospitals to establish a basis for estimating the actual cost for trauma care in California.
3. Identify sustainable funding sources to support regional infrastructure and planning.



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EMS System

Goals: Statewide standard for the triage of trauma patients; Standardized communications; Align the use of ground vs. air resources for transport to the closest appropriate level of Trauma Center

Objectives:

1. Standard for prehospital triage; including special populations
 2. Study over and under triage
 3. Data from non-trauma facilities
 4. Minimum prehospital equipment inventory for trauma care
 5. Air resource utilization guidelines
 6. Priority dispatch protocols for trauma
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Definitive Care

Goals: Universal and timely access to the appropriate level of trauma care including rehabilitation facilities

Objectives:

1. Process for the assessment of Trauma Center compliance with statute and regulations
 2. Responsibilities in the trauma system for non-designated acute care hospitals
 3. Capture and map re-triage and IFT data
 4. Re-triage/transfer coordination within the state with regional cooperative agreements
 5. Evaluate rehabilitative needs and degree of access to rehabilitation services
 6. Adopt a standardized measure of functional recovery
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Information System

Goal: Establish linkages of databases to create a complete patient record.

Objectives:

1. Improve data sharing
 2. Improve data quality and compliance
 3. Evaluate data validity
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System Evaluation and Performance Improvement

Goal: A PIPS Program to be developed by The EMS Authority in collaboration with trauma system partners to evaluate statewide trauma system performance.

Objectives:

1. Formulate a statewide comprehensive Trauma PIPS Plan:
 - System-wide performance improvement standards
 - Methodologies for outcomes analysis
 - Case-based performance improvement
 - Assess over and under triage
2. Share data for the PI process, recognizing hospital confidentiality and HIPAA regulations
3. Benchmark individual systems, hospitals to the group as a whole and to an outside standard including a comparative analysis of risk-adjusted outcomes.

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Education and Training

Goal: Identify statewide educational needs through the PIPS Program

Objectives:

1. Needs assessment
 2. Provide information to the public regarding the structure and function of the State Trauma System
 3. Use the ACS Rural Trauma Team Development Course, video conferencing, online education, and telemedicine connections between non-trauma facilities and lower level Trauma Centers with higher level Trauma Centers.
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Research

Goal: The CEMSS, local EMS agencies, and Trauma Centers should become the basis for collaborative systems research.

Objectives:

1. Research agenda and collaborate with established investigators to conduct research projects.
 2. Make recommendations to various system stakeholders regarding potential areas of research.
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Injury Prevention

Goal: Coordinate with public health and trauma systems injury prevention resources at the state, regional and local levels

Objectives:

1. Compendium of regional injury prevention programs
2. Evaluate, implement, and determine the effectiveness of initiatives to reduce intentional and unintentional injuries



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Disaster Preparedness

Goal: Integrate the State Trauma Plan with the comprehensive mass casualty plan for natural and manmade incidents, including an all-hazards approach to planning and operations.

Objectives:

1. Incorporate the role of the trauma system in the California Public Health and Medical Emergency Operations Manual
2. Recommend an inventory for a trauma cache to be utilized at Trauma Centers in the event of a disaster
3. Plan for trauma system surge capacity in collaboration with local Public Health and Emergency Health Management



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Future of the Local Trauma Plan

1. Title 22 revision
 - Recognize national standards
 - Standardization allowing for regional needs/differences
 - Is it time to stop some of the "volunteerism" e.g. data submission to State?
2. Components of the State Trauma Plan reviewed for inclusion in revised regulations
3. New local Trauma Plan submission based on revised Title 22
4. Less frequent submission of local updates?



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Questions?

