

Crisis Standards of Care EMS Work Group

Arizona Department of Health Services
Bureau Public Safety Emergency Preparedness

Update and Accomplishments

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Five Key Elements for all CSC Plans

- A strong ethical grounding... based transparency, consistency, proportionality, and accountability
- Integrated and ongoing community and provider engagement, education, and communication
- The necessary legal authority and legal environment in which CSC can be ethically and optimally implemented
- Clear indicators, triggers, and lines of responsibility
- Evidence-based clinical processes and operations



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EMS Workgroup: Purpose

- Provide guidance in defining the roles and responsibilities of prehospital care, an essential component of the continuum of emergency health care, in the provision of timely medical response to the community during extreme emergency disaster situations by developing crisis standards of care (CSC) for the state of Arizona



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EMS Workgroup Charter: Goals

- Maintain a coordinated and integrated emergency response system congruent with the state CSC plan and the guidance of the SDMAC (Statewide disaster Management Advisory Committee),
- Develop plan to address shortages of limited staff, supplies and equipment, a limited supply of fuel and medications, limited mutual aid and disruption of coordination and communication systems,
- Explore process for changes in scope of practice, functioning in extraordinary settings, providing care for longer periods of time and methods for just-in-time training,



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EMS Work Group Charter: Goals (2)

- Ensure proposed practices are consistent across jurisdictions,
- Review EMS authority currently mandated by Arizona statutes,
- Conduct an EMS Incident Response and Readiness Assessment (EIRRA) and preform a gap analysis,
- Determine the current status and capacity of Arizona's dispatch centers and
- Address needs of urban, suburban and rural locations in planning.



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EMS Work Group Update

- Called together a short term advisory group who served as subject matter experts and represent a diverse world view, geographic locations, professions and experience representing key community EMS sectors such as dispatch centers, ambulance/transportation agencies, state, county and city public safety, hospitals and specialty care centers (burn, trauma).
- Completed IOM *State and Regional EMS Tasks in State Crisis Standards of Care Development*. This is an assessment tool and gap analysis.
 - Core functions of EMS Systems in CSC plan development
 - Core functions of EMS Systems and Personnel in plan implementation



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State and Regional/Local EMS Tasks In State Crisis Standards of Care Development

STATE AND REGIONAL/LOCAL EMS TASKS IN STATE CRISIS STANDARDS OF CARE DEVELOPMENT		
Approved by the Governor of the State of Arizona on 10/15/2013		
Function 1: Assess Jurisdictional Authority and Planning Resources		
Task	Priority	Responsible Agency
1.1. Participate with lead agency responsible for CSC planning.	High	BPHEP
1.2. Conduct inventory of applicable federal, state and local legal and regulatory authorities and protections.	Medium	BPHEP
1.3. Review existing state, regional and local surge capacity, mass casualty and disaster plans.	Medium	BPHEP
1.4. Establish multidisciplinary work group of the SDMAC Planning Committee to assist in draft plan.	Low	BPHEP

Institute Of Medicine, CSC Planning, EMS



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Core Functions EMS Systems Plan Development

At state, regional and local levels;

- Assess jurisdictional authority and planning resources
- Develop consistent and comprehensive plans under the SDMAC structure
- Ensure stakeholder and public engagement
- Monitor, evaluate and modify CSC plan



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Core Functions EMS Systems Plan Development

Function 1

Assess Jurisdictional Authority and Planning Resources

Task Target Capacities (4)

1. Participation with lead agency responsible for CSC planning. (BPHEP)
2. Conduct inventory of applicable federal, state and local legal and regulatory authorities and protections
3. Review existing state, regional and local surge capacity, mass casualty and disaster plans
4. Establish multidisciplinary work group of the SDMAC Planning Committee to assist in draft plan



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Core Functions EMS Systems Plan Development

Function 1

Assess Jurisdictional Authority and Planning Resources

Current Status

1. BEMSTS is Arizona's EMSO working closely with BPHEP
2. Enhance methods of communication with regional healthcare coalitions and assess need for better communication with AZDEM
3. Identified current rules, regs and laws associated with provider agency liability, licensing, credentialing and mutual aid
 1. Expanded scope of practice?
 2. Out of state providers?
 3. Interoperable dispatch protocols needed
 4. Triage using START and JumpSTART



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Core Functions EMS Systems Plan Development

Function 1 (cont'd)

Assess Jurisdictional Authority and Planning Resources

Current Status

4. Develop document delineating waivers needed for EMS (intra-CON transport, alternative transport)
5. Develop guidance on alternative modes of transportation and destinations
6. Determine liability of base hospitals
7. Determine triggers for CSC implementation during event
8. Address at risk populations, enhance use of state registry



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Core Functions EMS Systems Implementation of CSC Plan Development

At state, regional and local levels;

- Assessment and activation
- Alerts and notifications
- Command
- Control
- Communication
- Coordination
- Public Information
- Operations
- Logistics Staffing Resources
- Planning



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Core Functions EMS System and Personnel Implementation of CSC Plans

Function 1

Assessment and Activation

Task Target Capacities (5)

1. BEMSTS (state EMS Office) in collaboration with BPHEP, AzDEMA perform the lead role in ESF-8
2. Dispatch/call centers, EMS providers and BEMSTS recognize need to activate CSC plan
3. BEMSTS consults with SDMAC regarding medical care and policy issues
4. BEMSTS in collaboration with the SDMAC, activates/authorized implementation of EMS component of the CSC plan based on identified triggers
5. Regional and Local EMS and dispatch centers recognize when to activate jurisdictional CSC plans and in conjunction with AzDHS regularly test the triggers



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Core Functions EMS Systems Implementation of CSC Plan

Function 1

Assessment and Activation

Current Status

1. Collaboration exists with BPHEP and AzDEMA, BEMSTS has a liaison in both the state EOC and Health EOC
2. Limited knowledge of CSC in dispatch centers. There is no regulatory authority that governs dispatch centers and PSAPs, nor tests capabilities in a standardized fashion
3. No single 911 center in AZ
4. No assurance that dispatch/call centers will implement CSC protocols uniformly
5. Multi-agency collaboration may be facilitated through BEMSTS statutory committees
6. BEMSTS will communicate collaboratively with SDMAC and the Director of AzDHS in implementing CSC protocols
7. Consider IOM triggers and triggers recommended by the Clinical Practice Work Group



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Proposed EMS, CSC Triggers

taken from Clinical Practice Work Group

Proposed Arizona EMS CSC Triggers

- 1) A State declaration of emergency AND
- 2) **any one** of the following;
 - *resources for healthcare facilities and agencies are unavailable or un-deliverable,
 - *Multiple healthcare facilities/agencies are similarly impacted, patient transport not possible in greater than the short term,
 - *Limited access to medical countermeasures and/or
 - *Supply caches already distributed; no short term resupply.



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Key Issues/Recommendations

- Convert *Alternate Treatment, Triage and Transport Guidelines for Pandemic Flu* to an All Hazard protocol and evaluate need to update
- Use START and JumpSTART protocols for triage in CSC situations
- Develop Geographic Transportation Guidelines (intra and interstate scenarios)
- Define alternate transportation sites and when they are to be used
- Examine scope of practice enhancement, implement EMT-A
- Define EMS role in palliative care
- Enhance communication at state, regional and local level, membership on regional healthcare coalitions
- Call together a work group of all dispatch centers, PSAPs, and BEMSTS. Assess capabilities, develop consistent CSC protocols and educate centers. Establish accountability and authority and test protocol regularly.



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Next Steps

- Form Dispatch Work Group
- Review Alternate Treatment, Triage and Transport Guidelines
- Train, Test, Evaluate, Refine



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Questions



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