

# **Healthcare, Hurricanes and HIE:**

## ***Strategic Planning for Access to Medical Records After a Disaster***



**Christopher Sullivan, Ph.D.  
Image Research, LLC**

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# Strategic HIE Planning for Disasters

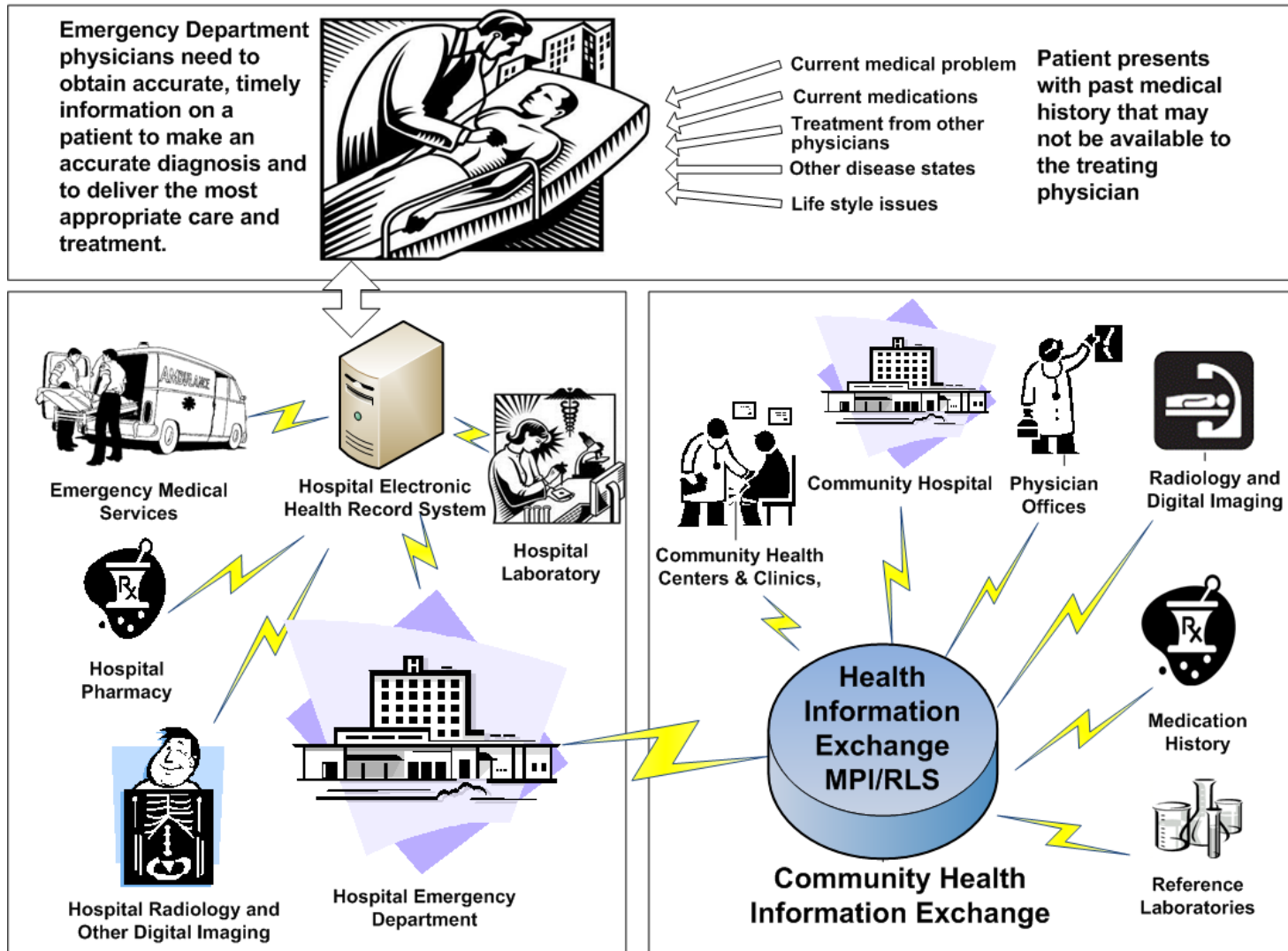
This presentation on HIE for disaster preparedness will address some issues of Health IT governance for disaster planning:

- Integrating HIE into emergency planning for disaster response and recovery - before it occurs.
- Organizing relevant stakeholders needed to plan for the emergency medical response.
- Locating relevant medical data sources that will be accessible following a disaster.
- Overseeing the mechanisms of data exchange for the delivery of medical records to the point of care following a disaster.

# HIE for Patient Care

## The perfect medical record world of HIE.

### Health Information Exchange Emergency Room Use Case



# The Challenge of Natural Disasters

When natural disasters strike, vital medical services can be disrupted and crippled.



St. John's Mercy Hospital in Joplin, Missouri



# The Challenge at the Point of Care

After a natural disaster, people flee their homes. Their medical problems remain but their medical records don't.

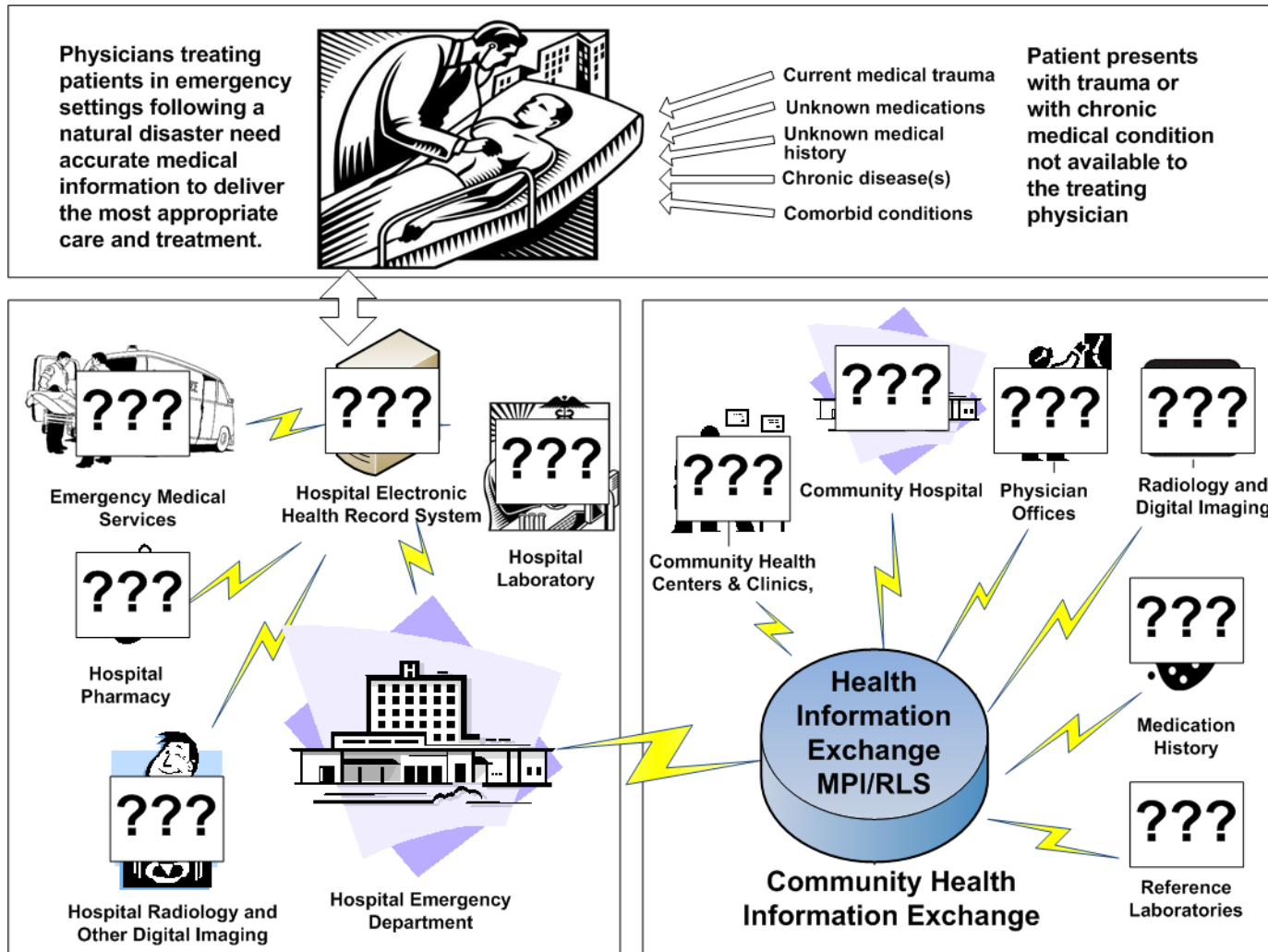


Katrina evacuees in the Houston Astrodome, Texas

# HIE Following a Natural Disaster

The real medical record world after a natural disaster.

## Natural Disaster Emergency Use Case



# Strategic Planning for Disaster Planning

What is required to ensure access to medical records after a natural disaster strikes?

- Strategic planning must occur **before** the disaster:
  - Build relationships among stakeholders
  - Create partnerships with health care data sources
  - Coordinate action steps among partners
  - Establish procedures to locate and access patient records





# Governance of Health Information Exchange

HIE planning requires an effective governing body to engage its community of health care participants:

- A trusted group of members representing diverse health care stakeholders who can mediate:
  - Diverse or competing interests of exchange partners
  - Dissimilar data requirements
  - Unique needs for the practice of medicine
  - Different technical capabilities
  - Consensus for the rules of exchange among participants





# Strategic Planning Activities for HIE

Strategic planning for HIE entails many responsibilities for the governance body:

- Developing HIE policies and procedures for data sharing and among exchange participants
- Facilitating agreements on the exchange of medical records among providers, hospitals, health IT vendors, health plans and public health
- Maintaining accountability among participants for proper data stewardship



# Who Leads HIE in Disaster Planning?

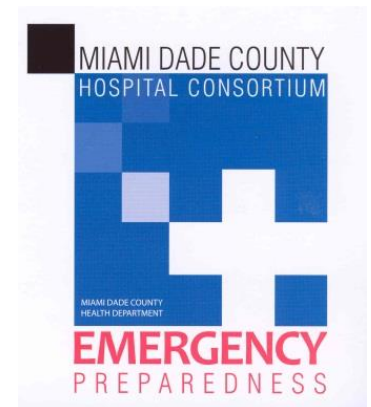
Which organization should take the lead in disaster planning for HIE?

- The State-Designated Entity for Health Information Exchange – Responsible for convening stakeholders and statewide policies for data-sharing



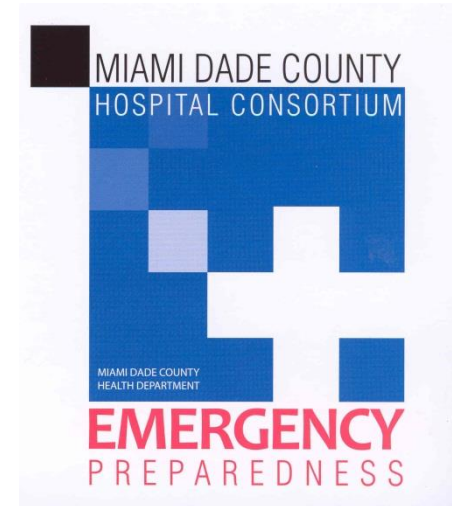
- The Health and Medical Services Emergency Support Function 8 - Responsible for health care disaster planning and response

- Miami-Dade County Healthcare Preparedness Coalition – ESF 8 partnering group responsible for disaster planning for health care.



# Miami-Dade County Healthcare Preparedness Coalition

The Miami-Dade County Healthcare Preparedness Coalition represents hospitals and healthcare facilities in Miami-Dade County for the specific purpose of emergency preparedness planning and response.



- **Mission:** Establish a forum for all Miami-Dade County healthcare agencies that will allow for collaborative all-hazards planning, preparedness, and response activities.
- **Vision:** Minimize the morbidity and mortality rates associated with any hazardous event and reduce negative health and socioeconomic impacts on the community.

# Miami-Dade Healthcare Coalition Partnership

The founding members include:

- Thirty-four Miami-Dade County hospitals
- Florida Department of Health
- Miami-Dade County Office of Emergency Management
- County police and fire departments

The Coalition is reaching out to other health stakeholders:

- Agency for Health Care Administration
- American Red Cross Blood banks
- County medical and health professional organizations
- Crisis Stabilization Units
- Dade County Psychological Association
- Dialysis and Durable Medical Equipment Providers
- Emergency Medical Service providers
- Federally Qualified Health Centers

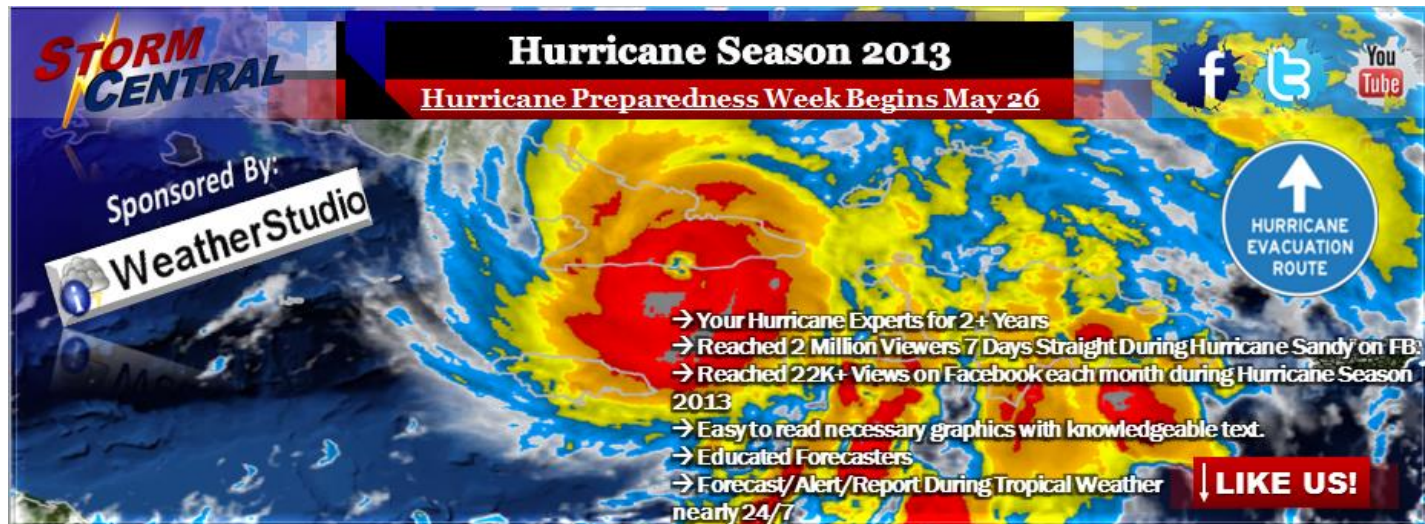


# Miami-Dade Healthcare Coalition Partnership

The Miami-Dade Healthcare Coalition works to ensure that members are prepared to respond during a disaster.

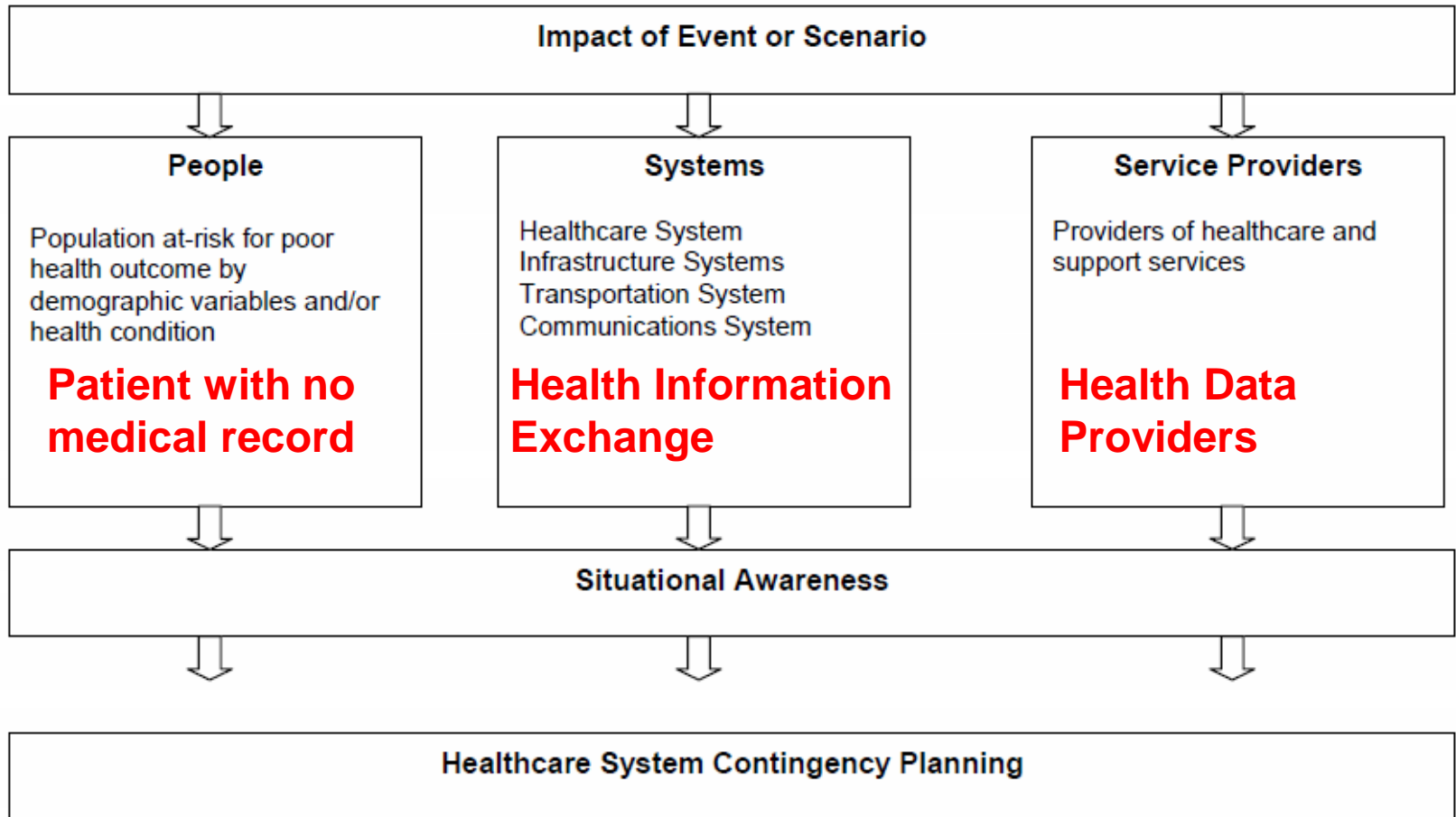
Members are expected to:

- Participate in planning activities to share key resources in times of emergencies
- Provide assistance in community-wide emergency response in Miami-Dade County



# Situational Awareness for HIE Planning

Using Florida's state-level model of ESF-8 Situational Awareness it is clear that introducing HIE into the strategic planning for disasters is a logical fit.



[http://66.129.90.52/HomepageUploads/142ESF8SOPV32\\_111312.pdf](http://66.129.90.52/HomepageUploads/142ESF8SOPV32_111312.pdf)

# Conclusions and Recommendations

Health care planning for natural disasters is critical.

The health IT infrastructure is **now** capable of ensuring that disaster victims can receive appropriate care based on access to their medical records.

What is needed is coordination and planning:

- Groups like the Miami-Dade Health Care Coalition and ESF-8 Agencies form a governance body to oversee HIE for disaster-preparedness.
- The governance body reaches out to health care stakeholders and data sources to participate in post-disaster data sharing.
- The governance body coordinates data sharing agreements that enable technical solutions to work.

## Questions?



Christopher Sullivan, Ph.D.  
Image Research, LLC  
[cbsullivan@imageresearch.com](mailto:cbsullivan@imageresearch.com)  
[www.imageresearch.com](http://www.imageresearch.com)

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