



WELCOME!



PATIENT UNIFIED LOOKUP SYSTEM FOR EMERGENCIES (PULSE)





Patient Unified Lookup System for Emergencies (PULSE)

California Association of Health Information Exchanges
PULSE +EMS SME Contractor

2017 HIE in EMS Summit
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Agenda

- Purpose, use cases, and workflow
- System design and data flow
- Demonstration



PULSE

Purpose

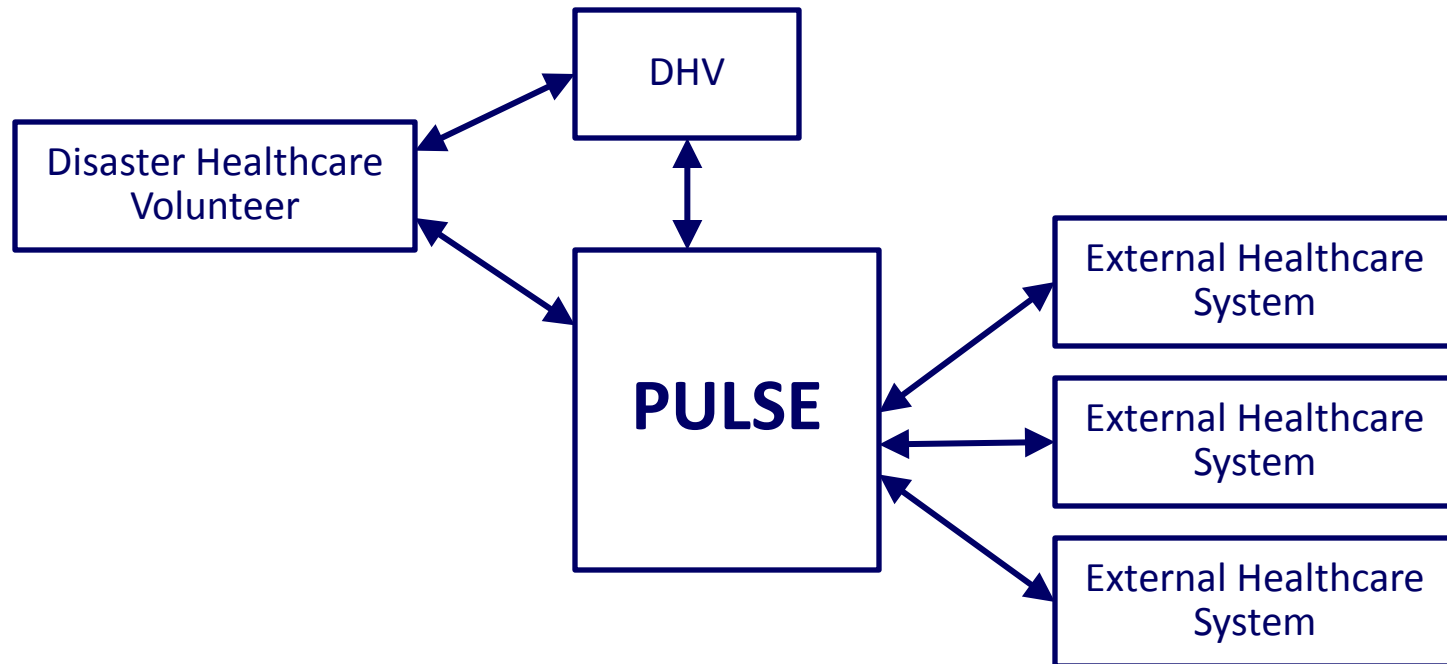
- Provide healthcare disaster healthcare volunteers with access to electronic health information for victims and evacuees during time of large-scale disaster.
- Information that may be drawn from disparate systems within and outside of the effected region.



Workflow

- Used in Alternate Care Facilities (ACF) by disaster healthcare volunteers
- Perhaps only one interaction with the system per patient
 - PULSE does not document care delivery
 - Critical information may be retrieved and used, or printed to become part of a paper record in the ACF
- Two user roles: searching for patient records and reviewing patient records

Components





Use cases

Retrieving health information to aid in caring for:

1. Patients evacuated from healthcare facilities in the effected area
2. Injured victims transported by first responders
3. Injured victims transported by themselves, family, or neighbors
4. Walking wounded presenting with minor injuries
5. Evacuees seeking primary care for chronic conditions or health issues unrelated to the disaster



Example scenarios

1. Patients evacuated from healthcare facilities in the effected area

Tasks Retrieve a care summary from the facility from which the patient was evacuated

Retrieve meds, allergies, problems

Retrieve a recent lab result



Example scenarios

2. Injured victims transported by first responders
3. Injured victims transported by themselves, family, or neighbors

Task Retrieve meds, allergies, problems from any facility within the area of the victim



Example scenarios

4. Walking wounded presenting with minor injuries

Task Retrieve meds, allergies, immunizations (tetanus) to treat a wound



Example scenarios

5. Evacuees seeking primary care for chronic conditions or health issues unrelated to the disaster

Task Retrieve meds to fill a prescription



Questions?





Contact Information

Robert M. Cothren, PhD

Executive Director

California Association of Health Information Exchanges

p (925) 934-2280

e robert.cothren@ca-hie.org



THANK YOU

