THE UNIVERSITY OF TENNESSEE® MEDICAL CENTER

Wisdom for Your Life.

UT Medical Center Preparation Strategies & Lessons Learned

Janet Rowe, Director

Environment, Health, Safety & Emergency Management

Our Mission

To serve through healing, education and discovery

BEST HOSPITALS U.S.News & WORLD REPORT NATIONAL PULMONOLOGY 2016-17

BEST REGIONAL HOSPITALS U.S.News & WORLD REPORT KNOXVILLE, TN RECOGNIZED IN 9 TYPES OF CARE 2016-17

MAGNET RECOGNIZED AMERICAN NURSES CREDENTIALING CENTER

Tennessee Center for Performance Excellence 2016 EXCELLENCE AWARD

Preparation Strategies & Lessons Learned

- Early identification is key but…

  Training is ESSENTIAL

Preparation Strategies & Lessons Learned

THE UNIVERSITY OF TENNESSEE MEDICAL CENTER

- Partnership with Graduate School of Medicine's Simulation (SIM) Center staff
- Produced videos for training
- Followed up with hands-on demonstration
- Utilized SIM Center for training

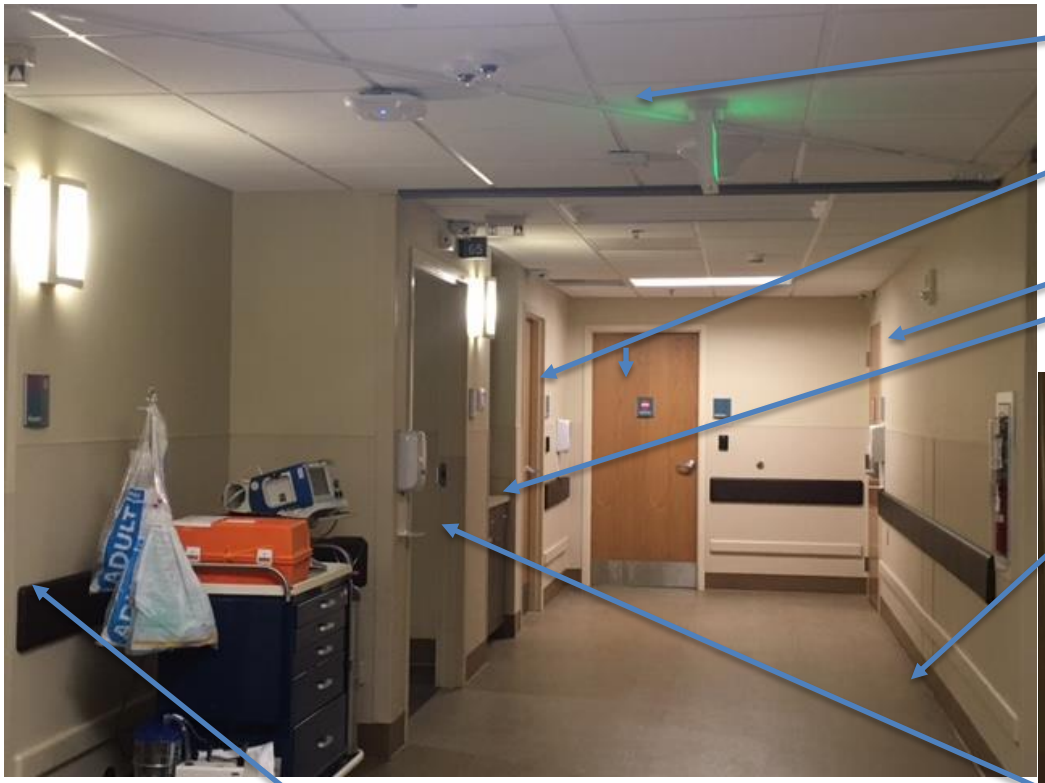
Preparation Strategies & Lessons Learned

THE UNIVERSITY OF TENNESSEE MEDICAL CENTER

- Identified an area in the ED that can be isolated
- Includes a negative pressure room with restroom, utility room with water access for portable shower, additional rooms for donning/doffing, and separate exit
- Previous room was isolated with a constructed divider and much smaller with one ingress/egress

Preparation Strategies & Lessons Learned

THE UNIVERSITY OF TENNESSEE MEDICAL CENTER



Curtain divider

Dress and exit

Utility Room/Shower

Portable Lab Setup

Doffing area

ED Novel Infectious Disease Hallway

Donning room

Suspect patient room

Preparation Strategies & Lessons Learned

THE UNIVERSITY OF TENNESSEE MEDICAL CENTER

- Renovated Medical Critical Care to isolate one end of the hallway to care for one or two (if necessary) patients.

Patient Care Room #1

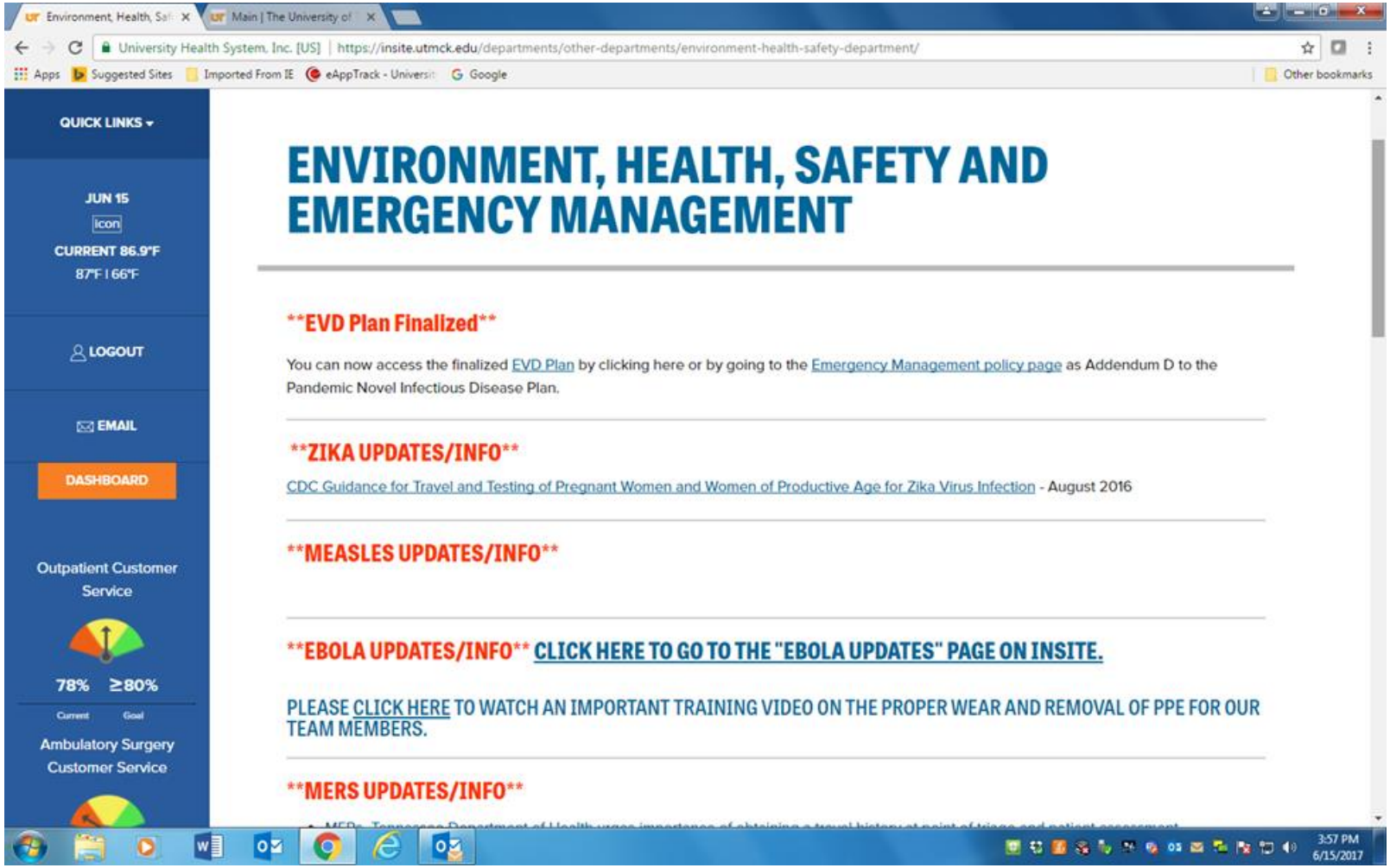
Family Area or Patient Care Room #2

Locker/changing area, shower, waste collection room/lab functions (2 rooms right side of hallway)

Preparation Strategies & Lessons Learned

THE UNIVERSITY OF TENNESSEE MEDICAL CENTER

- Make information readily available and accessible



Preparation Strategies & Lessons Learned

THE UNIVERSITY OF TENNESSEE MEDICAL CENTER

- Conducted EVD exercise July 29, 2016
- Screening at Registration desk for all travel
- Immediate isolation
- Appropriate PPE available
- Evaluation
- Notification of Public Health
- Notification of designated EMS for transport

Preparation Strategies & Lessons Learned

THE UNIVERSITY OF TENNESSEE MEDICAL CENTER

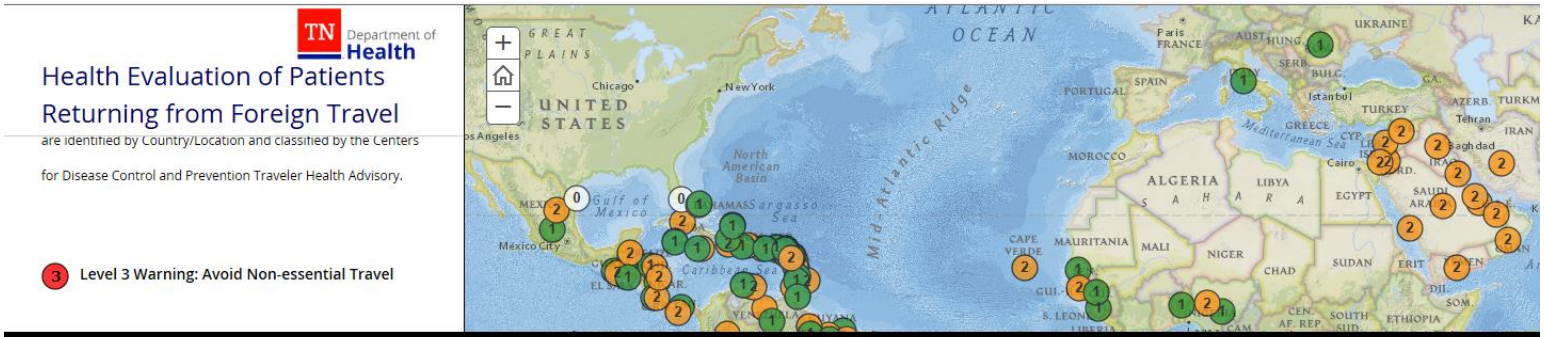
ASPR Grant Funding:

- PPE Upgrades
- Transport bubble
- Bioquel BQ-50 hydrogen peroxide vapor system
- Training
  - NETEC
  - Highly Infectious Disease training in Anniston

Preparation Strategies & Lessons Learned

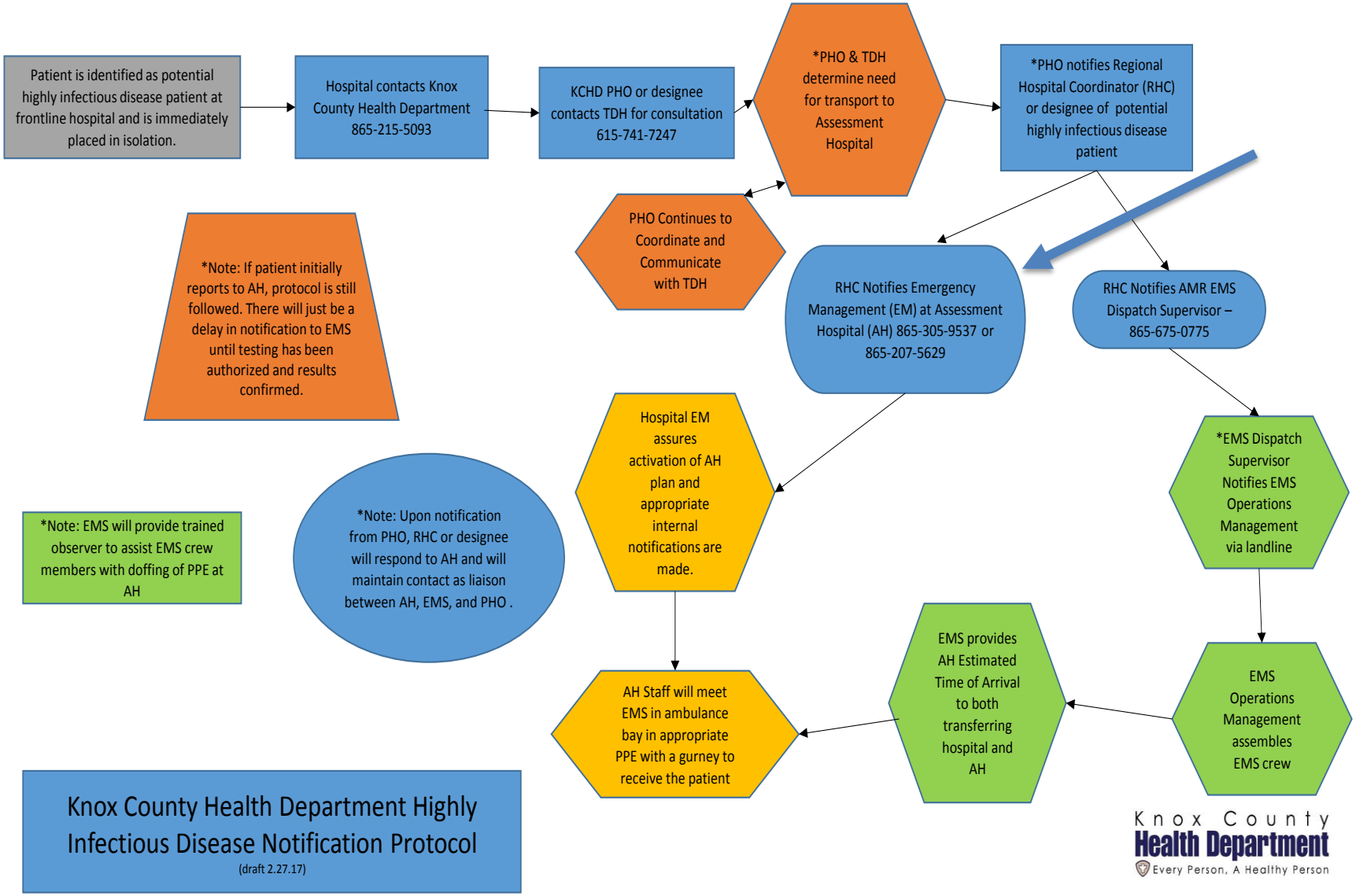
THE UNIVERSITY OF TENNESSEE MEDICAL CENTER

- Link to most up-to-date information at screening point
- http://tdh.maps.arcgis.com/apps/MapJournal/index.html?appid=98adb8b0e81e4b26bb23ae5d4fd9ab02



Preparation Strategies & Lessons Learned

THE UNIVERSITY OF TENNESSEE MEDICAL CENTER



Preparation Strategies & Lessons Learned

THE UNIVERSITY OF TENNESSEE MEDICAL CENTER

Challenges:

- Staffing
- Training
- Complacency
- Current outbreak info
- Communication