

Laboratory Response
Network Bio-Threat
Electronic Data Processing



The Current Picture

- Receive submission form
- Check boxes on form for analysis needed
- Create label for specimen and check specimen for acceptability
- Prepare specimen, attach form or move to Lab
- Analyst types in specimen id's, prepares assay, runs instrument test



- Evaluate test results
- Select reruns or accept data
- Run additional macros (optional)
- Validate Results
- Print Report – save paper.



Our Capacities

- 11 LRNs
- Max number of specimens per 24 hour day
- Number of trained analysts
- Reagents available
- Command and Control Centers
- Number of trained blood drawers



Why are we here?

This is the Reliant Stadium



Three low flying single wing aircraft have just crop dusted the Reliant on Sept 2, 2007

- Some people panic, others become ill
- 50000 people have just been showered with weapon grade B Anthracis



This is the Texas Stadium



A coordinated attack of both the Reliant and Texas stadium has occurred on Sept 2, 2007.

- 3 crop dusting planes flew low over both stadiums and circled the stadium twice dropping colorless, odorless, B Anthracis
- 50,000 people in both stadiums – total 100,000 patients within the stadiums.



What happens next?

- Command center set up in Houston Reliant parking lot – Red Cross tents brought in and set up, all hospital ERs respond sending all ambulances.
- Command center set up in Irving – Texas Stadium parking lot – tents brought in.
- All police and fire units respond – hasmat responds – overwhelmed



First specimens arrive

- Houston LRN receives first 500 specimens
- Loads up all light cyclers and ABI 7500 Fast
- Identifies B Anthracis
- Houston LRN makes all notifications
- DSHS Emergency Response team gathers
- Dallas LRN receives 1000 specimens

Distribution of Specimens

- DSHS and CDC coordinate refrigerated trucks – each holding 3000 specimens
- Each LRN receives first truck load with 3000 specimens
- Half of Dallas staff was at the game – needs more staff
- All of Houston staff at the game except for Lab Director



This is why we are here.

- We will do whatever it takes to make the LRN system work for events like this.
- This is why we may have to do dual entry.
- This is why we may have to accept changes in the way we process specimens.
- We will save lives.
- Failure is not an option.





What is a Reportable?

- Standard Reportable
- Immediate Reportable
- Event Reportable
- Notification paths
- Map of all reporting
- Impacts of one stop, single point of contact



Thank you and we'll be
back!

