The New Dukes of Hazard-
Integrating the HAZMAT Response

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What will those Duke boys do next?
Question

• How can we provide safe and efficient transport of patients exposed to hazardous materials?
The Story

- Organophosphate Ingestion
- Brought in as AMS/suicide attempt
- Secondary contamination occurred
The Problem

- Patient care was compromised
- Healthcare workers got sick
- ED shut down
- Entire System was crippled
They’re bringing WHAT?
COMMUNICATION

It's best to pretend people are actually listening to you.
Hazardous Materials Exposure-HAZMAT ALERT

General Approach to HAZMAT Alert

Suspicion of a hazardous material exposure

Advertise Comm Center of HAZMAT Alert and transport destination (ED)

1. Notify agency HAZMAT team
2. Dispatch single unit to ED
3. Give ED a "heads up" & place on Status Black (EMS Systems)

HAZMAT team contacts providers to discuss nature of exposure and recommend decon strategy

Single unit responds to destination hospital to assist in communication with transport unit (EMS Liaison)

1. If possible, treat on scene while awaiting HAZMAT team contact
2. Advise ED of HAZMAT Alert and estimated arrival time

Decon prior to moving from scene and provide updated ETA to ED

Supportive

Upon arrival coordinate with hospital staff and HAZMAT Team to determine need for additional decon prior to entering ED

Transfer care to ED staff

Contact Medical Control for Additional Orders if Needed

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Notification Paradigm

- **Dispatch**
  - To the scene
  - Hazmat Squad
  - ED Liaison
  - Medical Control
  - Interface with transport
  - To the ER
On Scene

- Choose appropriate PPE
- Decontamination on scene
- Specific medical therapy and Poison Center consult
- Communicate with ED Liaison
Pre-Arrival Communication

Scene + Liaison → ED Charge Nurse
Enveloping the Hospital with Resources
Question

- How can we provide safe and efficient transport of patients exposed to hazardous materials?
Utilization

White Powder Attack

Ebola Preparation

Chemical Suicide
Thank You