

Hospital Radiation Emergency Preparedness Program

Prepared by:

Sudhir Oberoi

Oregon Radiation Protection Services

971-673-0493

sudhir.oberoi@state.or.us

IN THE BEGINNING.....

- Hospital Preparedness Program Coordinators
- Radiation kits issued to 60 Oregon hospitals
- One size fits all training



OLD APPROACH

- One shot deal
- Everything at once
- Club students with radiological terminology



RESULTS

- Hospitals lost interest
- Focus skewed to biological training
- Training opportunities dwindled



NEW APPROACH

- Team oriented
- All-hazard training
- Hospital needs assessments
- Dynamic learning atmosphere



RESULTS

- Hospitals are contacting us
- Multiple hospital staff trained simultaneously
- Greater staff diversity
- More in-depth coverage



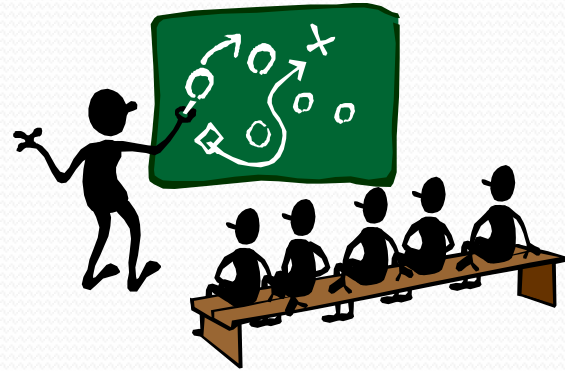
SO WHO IS THIS TEAM?

- State Medical Physicist
- State Toxicologist
- State Health Physicist
- Oregon All Hazards
Mobile Laboratory



GETTING STARTED

- Planning Group Formation:
- PHEP
- RPS
- Toxicology
- HPP coordinators
- Hospital coordinators
- Hospital safety personnel



LOGISTICAL NIGHTMARES

- Scheduling
- Available rooms
- Available staff
- Available training times
- Hospital needs



WHO DO WE TARGET?

- Doctors
- Nurses
- Techs
- Executives
- EMS personnel
- Environmental Services
- Security personnel
- Maintenance personnel



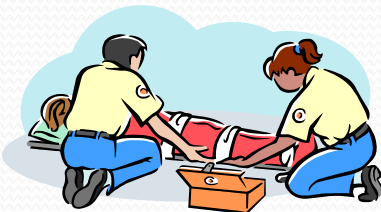
WHAT DO WE BRING?

- All Hazards Mobile Laboratory
- Radiation survey equipment
- Live sources
- Expert knowledge
- Real life experiences and stories



WHAT DO WE TEACH?

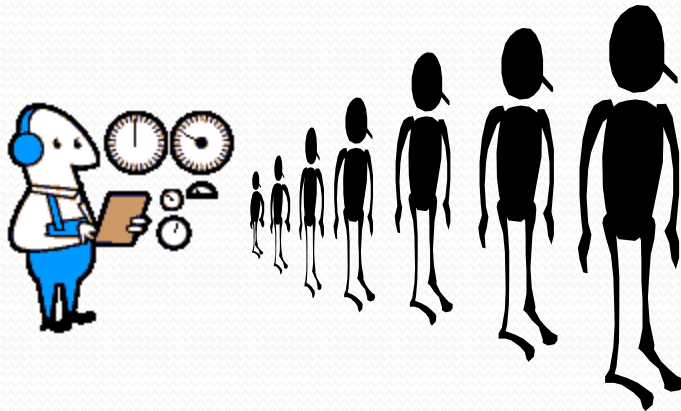
- Basics (Chem/Rad)
- CBRNE awareness
- Patient symptoms
- Biological effects
- Treatments
- Evidence collection



CONTINUED TRAINING

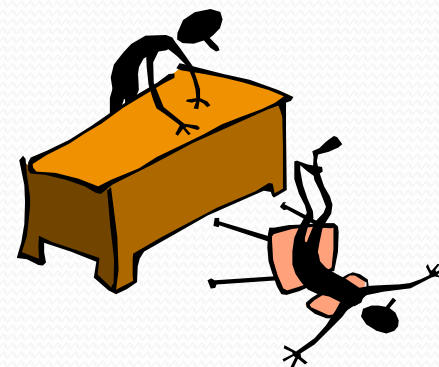
- Hand held skills with live sources (Alpha, Beta, Gamma)
- Donning and doffing of PPE (Use of safety personnel)
- Population monitoring

α β γ



MOBILE LAB TRAINING

- What do we have?
- What we *can* do.
- What we *cannot* do.
- How can hospitals request us?
- When should hospitals reach out to us?



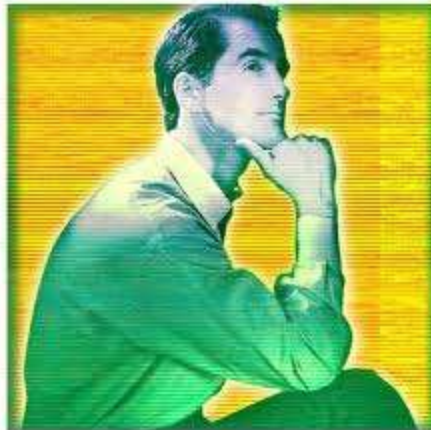
FOLLOW-UP TRAINING

- Emergency procedures
- Response skills drills
- Hospital emergency exercises
- As needed specific training
(PPE, surveys, equipment use)



OUR GOAL

- Build confidence
 - Build competence
 - Build relations
 - Promote safety
-
- Entertaining
 - Engaging
 - Interesting



NO QUESTIONS....

- Everything was explained perfectly.

- Sudhir Oberoi
- 971-673-0493 (If you change your mind)
- sudhir.oberoi@state.or.us