

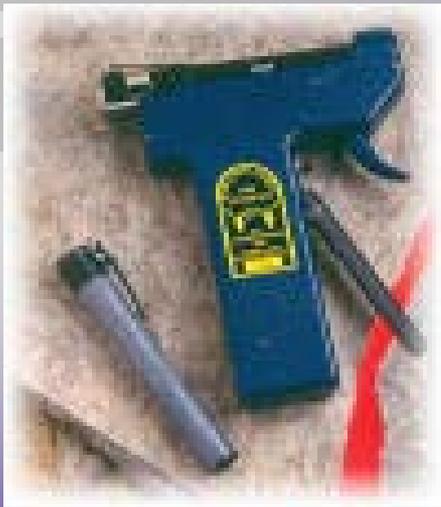
Survey Methods and Decontamination



Personal Protective Equipment



- ❖ Booties
- ❖ Gloves
- ❖ Tyvex suit
- ❖ Face shield
- ❖ N-95 mask
- ❖ Eye protection
- ❖ Dosimetry



Contamination Control



Contamination Control



Contamination Control



Donning PPE

- Remove personal items of value
- Don PPE in clean area
- Tape cuffs and seams as needed
 - Leave tabs to aid in removal
- Double Gloves
 - Inner glove taped beneath the arm cuff
 - Outer glove is removable if contaminated
- Waterproof apron could be worn by those with decontamination duties



Doffing PPE

- Only remove PPE in a designated area where contamination can be monitored
- Dosimetry should be bagged and surveyed



- Worn PPE should be disposed of in marked containers
- Sequence of doffing should maximize contaminant control

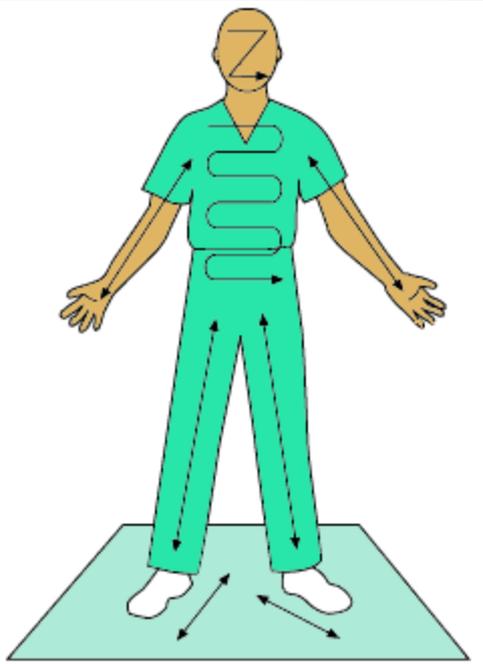


Survey Technique

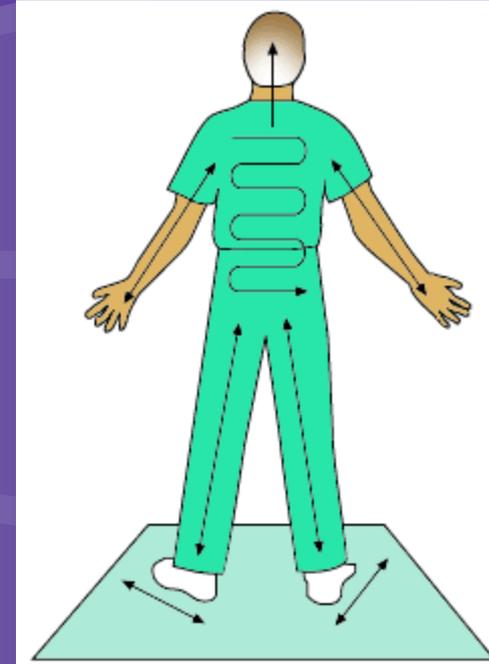
- Instrument job aid
- 1-3 inches from person, vehicle, or other object
- Monitor wounds 1st, then head to feet

- 3-6 inches/second
- Serpentine pattern

- Attention to eyes, nose, ears, hands, and mouth
- Document areas of contamination
- Adjust meter if the needle “pegs out”

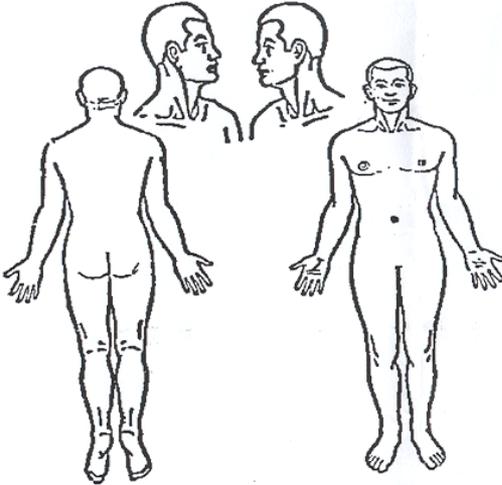
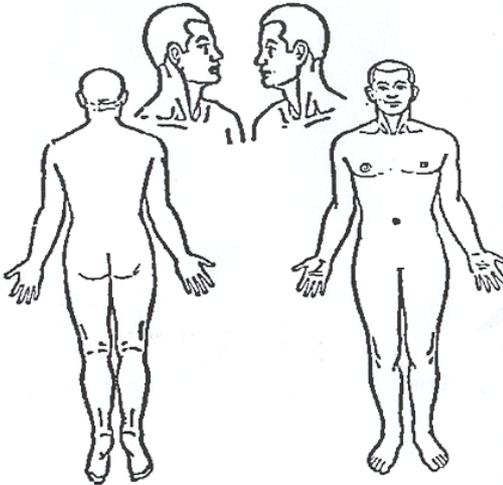
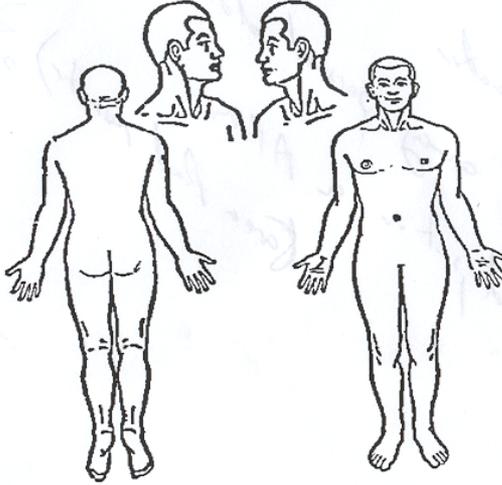


Front



Back

PERSONNEL SURVEY FORM

| | | | | | |
|---|------------|--|------------------|---|--|
| NAME: | | DATE: | | TIME: | |
| Initial Evaluation | | After First Decontamination Attempt | | After Second Decontamination Attempt | |
|  | |  | |  | |
| Radiological Survey Results: | | Radiological Survey Results: | | Radiological Survey Results: | |
| Comments: | | | | | |
| Acceptable Contamination Level is Less Than 300 cpm | | | | | |
| Evacuee Information: | Address: | Vehicle Make/Model: | Instrument Used: | Released? | |
| | Telephone: | Vehicle License#: | Serial#: | Sent to Hospital? | |

Vehicles

Surveying for Contamination



Decontamination Techniques

External

- Clothing removal
- Tape
- Warm water & mild soap
 - Contaminated area only
 - Full body shower





When To Stop

- Decontamination efforts produce no effects
- Level of radiation is less than twice background
- Before intact skin becomes abraded
- Refer to hospital if CRC decon techniques have failed – possible internal contamination

Long-term monitoring Registry

- *Population tracking*
- *Dose Assessment*
- *Bioassays*
 - *CBCs*
 - *UA*
- *Whole body counts*



PRACTICE

