



## **Hyattsville Volunteer Fire Department Training**

Escalator Rescue Module



## Escalator Incidents

- People often think that escalator rescues are quiet difficult. However they are fairly simple.
- Most often elevator incidents
  - Foot or hand stuck in brush guard
  - Foot or hand stuck in step scraper at top or bottom of escalator (most often caused due to a shoelace or fabric caught in the teeth of the escalator)



## Escalator Extrication

- Close off upper and lower landings
- Push *emergency stop button* or kick the *brush skirt* located at top or bottom of step track. (This area is where the steps start folding, and will stop the escalator)





## Escalator Extrication (contd.)

- Consider contacting engineer
- Locate machine room floor plate at upper landing
- Isolate power supply
- Fit hand winding wheel (usually painted yellow)
- Locate break release lever and place on mechanism if not permanently fitted.
- Turn wheel in desired direction as indicated on the machine.
- Apply brake if hand winding stops for any reason.



## Escalator Extrication (contd.)

- Determine what approach must be taken to extricate the victim. If a patients' hand or foot is stuck in the brush guard (area between the track and support structure of the escalator) this method must be used.



## Escalator Extrication: Brush Guard/Support Structure

- Ensure power has been cut and brake applied
- Unscrew molding for the inside wall panels.
  - By unscrewing the molding the panels can be removed.
  - This exposed the side wall of the track and support structure.
- Next use the **Heavy Duty Spreaders** and place them between the track and support wall. This will provide the space to extricate the victim



## Escalator Extrication: Step Scraper

- Ensure the power has been shut off and brake has been applied.
- Unscrew the step scraper and pit cover. (Flat head screw stick)
- Use extreme caution when removing the pit cover
  - Pits can be as deep as 4 feet
  - Ensure your patient is not going to fall into the pit while being rescued



**DO NOT AT ANYTIME  
CONSIDER DISCONNECTING  
THE STEPS FROM THE LOWER  
PLATFORM.**