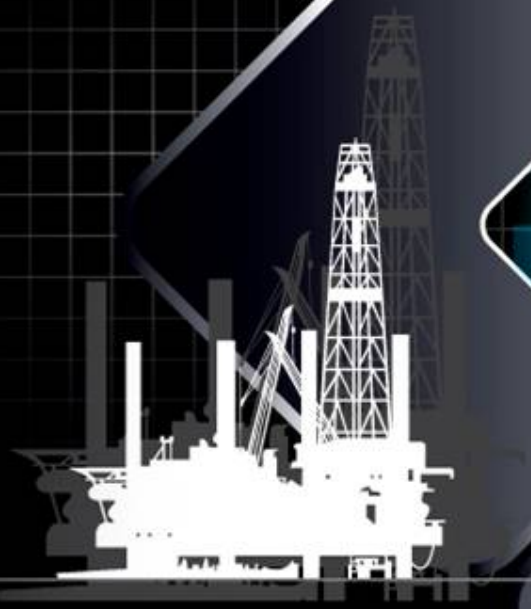
TRINITY
MEDICAL MANAGEMENT

HIGH PRESSURE INJECTION INJURIES (P. NOTESTINE)



HIGH PRESSURE INJECTION INJURIES
"THE LIQUID BULLET"

TRINITY
MEDICAL MANAGEMENT

- Airless spray equipment makes your job easier; but it can make your life painful if you don't follow some simple safety precautions

- Airless spray equipment operates by forcing liquids at a very high pressure
- Examples may include:
  - Grease guns;
  - Spray guns;
  - Diesel injectors;
  - Paint gun;
  - Pressure washers;
  - Plastic Injectors; or
  - Any line that is under pressure

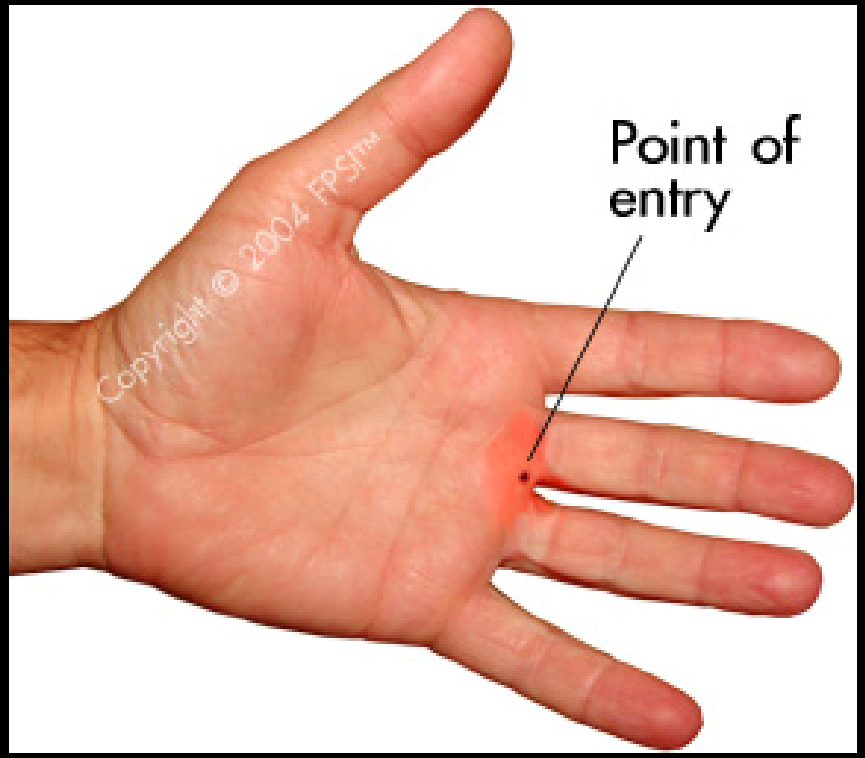
"THE POISON BULLET"

- Pressures exerted from can range from 600 to 40,000 pounds per square inch, and about the same or greater velocity than a rifle
- Contact with the stream drives fluids deep into your body tissue
- Treat any type sprayer as if your holding a loaded gun

TRINITY
MEDICAL MANAGEMENT

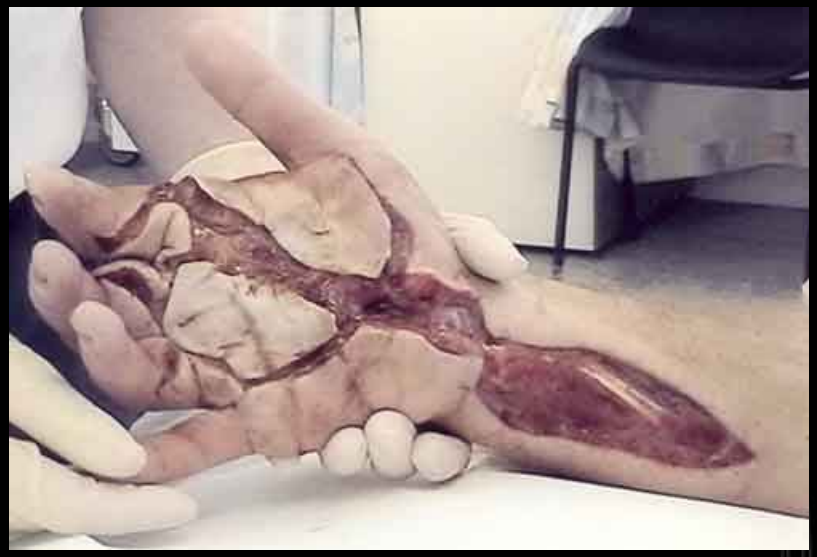
"DON'T BE FOOLED"

- The initial injury site may appear to be only a small puncture wound
- Don't mistake the rather unremarkable appearance for anything less than a serious injury
- This may lead to amputation or even death



TRINITY
MEDICAL MANAGEMENT

- Delay in treatment can have critical adverse effects on personnel recovery
- Report to supervisor and medical personnel immediately if you have suffered an injection injury

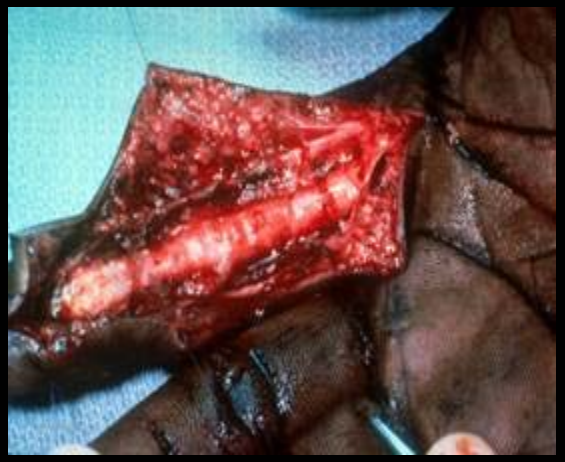


TRINITY
MEDICAL MANAGEMENT

- Inspect all lines and hoses
- Even a pin hole rupture in a hose or line may result in serious injury

"DO'S"

- Do wear gloves and goggles, but don't count on these to save you
- Do inspect lines, hoses, connections, and fittings for signs of damage and proper fit before use
- Do use approved grounded outlets and extension cords for voltage and frequency noted on the motor



TRINITY MEDICAL MANAGEMENT

"DON'TS"

- Don't point an airless spray at any body part
- Don't use your hand to stop a leak
- Don't put your finger or hand in front of a nozzle
- Don't remove safety spacer from spray gun
- Don't allow hoses to become kinked or vibrate against sharp objects

TRINITY
MEDICAL MANAGEMENT

"REMEMBER…."

INSPECT SO YOU DON'T INJECT

TRINITY
MEDICAL MANAGEMENT